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# Raspberry Pi

Alle code die op de Raspberry Pi staat en draait.

## ~

Code in de home folder

### install.py

**import** os

**import** sys

**import** argparse

**import** subprocess

*#Add some arguments to the command!!! Makes life easier!!!!*

parser **=** argparse**.**ArgumentParser**(**description**=**"Your personal userId"**)**

parser**.**add\_argument**(**'--userId'**)**

parser**.**add\_argument**(**'--branch'**)**

parser**.**add\_argument**(**'--updateInstall'**)**

args **=** parser**.**parse\_args**()**

userid **=** args**.**userId

branch **=** args**.**branch

update **=** args**.**updateInstall

*#Get the path of the file that's currently running.*

dir\_path **=** os**.**path**.**dirname**(**os**.**path**.**realpath**(**\_\_file\_\_**))**

devnull **=** open**(**os**.**devnull**,** 'wb'**)** *#python >= 2.4*

**print** "this file installs the all the needed files and packages for the smart fridge"

**if** os**.**getuid**()** **!=** **0:** *#python voodoooo*

**print** "I need sudo right. plz (insert cute cat image)"

sys**.**exit**(1)** *# just die!*

**print** "updating packages list"

**if(**update**!=**"N"**):** *#Then don't install updates (for updating and testing much faster, much wow)*

cmd **=** "sudo apt-get update"

subprocess**.**Popen**(**cmd**,** shell**=**True**,** stdout**=**subprocess**.**PIPE**,** stderr**=**devnull**).**wait**()**

**print** "installing curl and pip"

cmd **=** "sudo apt-get -qq install curl python-setuptools python-dev build-essential python-pip"

subprocess**.**Popen**(**cmd**,** shell**=**True**,** stdout**=**subprocess**.**PIPE**,** stderr**=**devnull**).**wait**()**

**print** "Updating pip 1/2"

cmd **=** "sudo pip install --upgrade pip"

subprocess**.**Popen**(**cmd**,** shell**=**True**,** stdout**=**subprocess**.**PIPE**,** stderr**=**devnull**).**wait**()**

**print** "Updating pip 2/2"

cmd **=** "sudo pip install --upgrade virtualenv"

subprocess**.**Popen**(**cmd**,** shell**=**True**,** stdout**=**subprocess**.**PIPE**,** stderr**=**devnull**).**wait**()**

**print** "installing pyBarcode"

cmd **=** "sudo pip install pyBarcode"

subprocess**.**Popen**(**cmd**,** shell**=**True**,** stdout**=**subprocess**.**PIPE**,** stderr**=**devnull**).**wait**()**

**print** "installing crontab-python"

cmd **=** "sudo pip install python-crontab"

subprocess**.**Popen**(**cmd**,** shell**=**True**,** stdout**=**subprocess**.**PIPE**,** stderr**=**devnull**).**wait**()**

**print** "creating directory"

cmd **=** "mkdir "**+** dir\_path **+** "/smartfridge"

subprocess**.**Popen**(**cmd**,** shell**=**True**,** stdout**=**subprocess**.**PIPE**,** stderr**=**devnull**).**wait**()**

*#use curl to download the whole github folder. For testing: add a branch to the command.*

**print** "downloading code from python"

add **=** ""

**if(**branch**!=**None**):**

add **=** "/"**+**branch

*#The Authorization token is because it is a private repo.*

cmd **=**"curl -H \"Authorization: token 210928caef2212cda9586bb6dab335af19bfdf1a\" -Ls https://api.github.com/repos/arendjan/pws/tarball"**+**add**+**" > "**+** dir\_path **+** "/smartfridge/wut.tar.gz"

subprocess**.**Popen**(**cmd**,** shell**=**True**,** stdout**=**subprocess**.**PIPE**,** stderr**=**devnull**).**wait**()**

cmd **=** "mkdir -m 777 "**+** dir\_path **+** "/smartfridge/temp"

subprocess**.**Popen**(**cmd**,** shell**=**True**,** stdout**=**subprocess**.**PIPE**,** stderr**=**devnull**).**wait**()**

**print** "unzipping the file"

cmd **=** "tar -xzf "**+** dir\_path **+** "/smartfridge/wut.tar.gz -C "**+** dir\_path **+** "/smartfridge/temp"

subprocess**.**Popen**(**cmd**,** shell**=**True**,** stdout**=**subprocess**.**PIPE**,** stderr**=**devnull**).**wait**()**

**print** "copying the files"

cmd **=** "command cp -rf "**+** dir\_path **+** "/smartfridge/temp/\*/raspberry/\* "**+** dir\_path **+** "/smartfridge "

subprocess**.**Popen**(**cmd**,** shell**=**True**,** stdout**=**subprocess**.**PIPE**,** stderr**=**devnull**).**wait**()**

cmd **=** "command cp -rf "**+** dir\_path **+** "/smartfridge/start.py "**+** dir\_path **+** "/ "

subprocess**.**Popen**(**cmd**,** shell**=**True**,** stdout**=**subprocess**.**PIPE**,** stderr**=**devnull**).**wait**()**

**print** "removing garbage"

cmd **=** "rm -rf "**+** dir\_path **+** "/smartfridge/temp"

subprocess**.**Popen**(**cmd**,** shell**=**True**,** stdout**=**subprocess**.**PIPE**,** stderr**=**devnull**).**wait**()**

cmd **=** "rm -rf "**+** dir\_path **+** "/smartfridge/wut.tar.gz"

subprocess**.**Popen**(**cmd**,** shell**=**True**,** stdout**=**subprocess**.**PIPE**,** stderr**=**devnull**).**wait**()**

*#Only sudo has permission, but we need to have permission!*

cmd **=** "sudo chmod -R 777 "**+** dir\_path **+** "/smartfridge/"

subprocess**.**Popen**(**cmd**,** shell**=**True**,** stdout**=**subprocess**.**PIPE**,** stderr**=**devnull**).**wait**()**

*#Only sudo has permission, but we need to have permission!*

cmd **=** "sudo chmod -R 777 "**+** dir\_path **+** "/smartfridge/printjobs"

subprocess**.**Popen**(**cmd**,** shell**=**True**,** stdout**=**subprocess**.**PIPE**,** stderr**=**devnull**).**wait**()**

*#create crontab*

**from** crontab **import** CronTab

**print** "Creating cronjob"

cron **=** CronTab**(**user**=**True**)**

cron**.**remove\_all**()**

job **=** cron**.**new**(**command**=**'python ' **+** dir\_path **+** "/start.py > /home/pi/backup.txt 2>&1"**)**

job**.**every\_reboot**()**

cron**.**write**()**

**for** job **in** cron**:**

**print** job

*#If you've entered an userId, the whole settings file will be rewritten.*

**if(**userid**!=**None**):**

f **=** open**(**dir\_path**+**"/smartfridge/settings.py"**,** 'w'**)**

f**.**write**(**"userId=\""**+**userid**+**"\"\ninterval=5\nurl=\"http://pws.svshizzle.com/api/\""**);**

**print** "Done!"

## ~/smartfridge/

De code in de smartfridge folder.

### start.py

**from** smartfridge **import** main

main**.**start**()**

### main.py

**from** includes **import** **\***

**if** \_\_name\_\_ **==** "\_\_main\_\_"**:**

**print** "This should be the appropriate way to start it, but not this time :P"

**print** "Underlaying code snippets use code from this folder, so you can't start it from the same folder #python4lyf."

**def** start**():**

threads**.**startAll**()**

### settings.py

url **=** "http://pws.svshizzle.com/api/" *#The url of the api*

userId **=** "" *#Your own userId*

interval **=** **5** *#interval of the getjobs function*

### \_init\_.py

\_\_all\_\_ **=** **[**"main"**,** "settings"**]**

## ~/smartfridge/includes/

De code in de includes folder

### threads.py

**import** jobsThread

**import** keyboardThread

**import** awakeThread

**def** startAll**():**

keyboardThread**.**start**()**

jobsThread**.**start**()**

awakeThread**.**start**()**

**if** \_\_name\_\_ **==** "\_\_main\_\_"**:**

**print** "Don't run this file! :P"

### keyboardThread.py

**import** RPi.GPIO **as** GPIO

**from** threading **import** Thread

**import** requests

**import** json

**from** .. **import** settings

**import** time

**import** sys

knopIn **=** **9**

knopOpen **=** **22**

knopOut **=** **10**

ledIn **=** **27**

ledOpen **=** **17**

ledOut **=** **4**

**def** start**():**

GPIO**.**setmode**(**GPIO**.**BCM**)**

GPIO**.**setwarnings**(**False**)**

**print** "start van keyboardthreads"

GPIO**.**setup**(**knopIn**,** GPIO**.**IN**,** pull\_up\_down**=**GPIO**.**PUD\_UP**)**

GPIO**.**setup**(**knopOpen**,** GPIO**.**IN**,** pull\_up\_down**=**GPIO**.**PUD\_UP**)**

GPIO**.**setup**(**knopOut**,** GPIO**.**IN**,** pull\_up\_down**=**GPIO**.**PUD\_UP**)**

GPIO**.**setup**(**ledIn**,** GPIO**.**OUT**)**

GPIO**.**setup**(**ledOpen**,** GPIO**.**OUT**)**

GPIO**.**setup**(**ledOut**,** GPIO**.**OUT**)**

GPIO**.**output**(**ledIn**,** GPIO**.**LOW**)**

GPIO**.**output**(**ledOpen**,** GPIO**.**LOW**)**

GPIO**.**output**(**ledOut**,** GPIO**.**LOW**)**

thread **=** Thread**(**target**=**buttonThread**,** args**=())**

thread**.**start**()**

thread **=** Thread**(**target**=**barcodeThread**,** args**=())**

thread**.**start**()**

**def** buttonThread**():**

**global** state

state **=** ""

state **=** "add"

statePrev **=** state

lights **=** **{**

"add"**:** ledIn**,**

"open"**:**ledOpen**,**

"del"**:**ledOut

**}**

**while** True**:**

time**.**sleep**(0.1)**

**if** GPIO**.**input**(**knopIn**)** **==** False**:**

**print** "knopjeIn"

state **=** "add"

time**.**sleep**(0.2)**

**if** GPIO**.**input**(**knopOpen**)** **==** False**:**

**print** "knopjeOpen"

state **=** "open"

time**.**sleep**(0.2)**

**if** GPIO**.**input**(**knopOut**)** **==** False**:**

**print** "knopjeOut"

state **=** "del"

time**.**sleep**(0.2)**

**if(**state**!=**statePrev**):**

GPIO**.**output**(**lights**[**statePrev**],** GPIO**.**LOW**)**

GPIO**.**output**(**lights**[**state**],** GPIO**.**HIGH**)**

statePrev **=** state

**def** barcodeThread**():**

**print** "startBarcode"

fp **=** open**(**'/dev/hidraw0'**,** 'rb'**)** *#This way the scanner file isn't reopened everytime and parts fall off.*

**while** True**:**

**print** "lelellelelellelel"

data **=** scanCode**(**fp**)** *#Hier moet barcode code in komen*

**print** data

thread **=** Thread**(**target**=**request**,** args**=(**data**,** state**))**

thread**.**start**()**

**print** "done"

**def** request**(**code**,** astate**):**

**print** code

**print** astate

**try:**

url **=** settings**.**url **+** "itemChange"

postVars **=** json**.**dumps**({**

"UserId"**:**settings**.**userId**,**

"Barcode"**:**code**,**

"Action"**:**astate

**})**

response **=** requests**.**post**(**url**,** data**={**"JSON"**:**postVars**})**

**print** response**.**text

**except** requests**.**exceptions**.**RequestException **as** e**:**

**print** "ripppp"

**def** scanCode**(**fp**):**

hid **=** **{** **4:** 'a'**,** **5:** 'b'**,** **6:** 'c'**,** **7:** 'd'**,** **8:** 'e'**,** **9:** 'f'**,** **10:** 'g'**,** **11:** 'h'**,** **12:** 'i'**,** **13:** 'j'**,** **14:** 'k'**,** **15:** 'l'**,** **16:** 'm'**,** **17:** 'n'**,** **18:** 'o'**,** **19:** 'p'**,** **20:** 'q'**,** **21:** 'r'**,** **22:** 's'**,** **23:** 't'**,** **24:** 'u'**,** **25:** 'v'**,** **26:** 'w'**,** **27:** 'x'**,** **28:** 'y'**,** **29:** 'z'**,** **30:** '1'**,** **31:** '2'**,** **32:** '3'**,** **33:** '4'**,** **34:** '5'**,** **35:** '6'**,** **36:** '7'**,** **37:** '8'**,** **38:** '9'**,** **39:** '0'**,** **44:** ' '**,** **45:** '-'**,** **46:** '='**,** **47:** '['**,** **48:** ']'**,** **49:** '\\'**,** **51:** ';' **,** **52:** '\''**,** **53:** '~'**,** **54:** ','**,** **55:** '.'**,** **56:** '/' **}**

ss **=** ""

shift **=** False

done **=** False

**while** **not** done**:**

*#time.sleep(1)*

*## Get the character from the HID*

buffer **=** fp**.**read**(8)**

**for** c **in** buffer**:**

**if** ord**(**c**)** **>** **0:**

*## 40 is carriage return which signifies*

*## we are done looking for characters*

**if** int**(**ord**(**c**))** **==** **40:**

done **=** True

**break;**

ss **+=** hid**[** int**(**ord**(**c**))** **]**

**return** ss

*#from: https://www.raspberrypi.org/forums/viewtopic.php?f=45&t=55100*

### awakeThread.py

**import** os

**import** sys

**import** pprint

**import** json

**import** requests

**import** time

**from** .. **import** settings

**import** jobs

**from** threading **import** Thread

**def** start**():**

**print** "start awake thread"

thread **=** Thread**(**target**=**awakeThread**,** args**=())**

thread**.**start**()**

**def** awakeThread**():**

**while** **1:**

**try:**

request**()**

time**.**sleep**(**settings**.**interval**)**

**except** **Exception:**

**print** "oops, wifi has some dezease"

**def** request**():**

**try:**

url **=** settings**.**url **+** "sendActive"

postVars **=** json**.**dumps**({**

"UserId"**:**settings**.**userId

**})**

response **=** requests**.**post**(**url**,** data**={**"JSON"**:**postVars**})**

**except** **Exception:**

**print** "ripppp"

**return** "[]"

### jobsThread.py

**import** os

**import** sys

**import** pprint

**import** json

**import** requests

**import** time

**from** .. **import** settings

**import** jobs

**from** threading **import** Thread

**def** start**():**

**print** "start jobs thread"

thread **=** Thread**(**target**=**jobThread**,** args**=())**

thread**.**start**()**

**def** jobThread**():**

**while** **1:**

**try:**

data **=** request**()**

jsonX **=** decode**(**data**)**

readAndParse**(**jsonX**)**

**except** **Exception:**

**print** "oops, wifi has some dezease"

time**.**sleep**(**settings**.**interval**)**

**def** decode**(**data**):**

**return** json**.**loads**(**data**)**

**def** request**():**

**try:**

url **=** settings**.**url **+** "getJobs"

postVars **=** json**.**dumps**({**

"UserId"**:**settings**.**userId

**})**

response **=** requests**.**post**(**url**,** data**={**"JSON"**:**postVars**})**

*#print response.text*

**return** response**.**text

**except** **Exception:**

**print** "ripppp"

**return** "[]"

**def** readAndParse**(**jsonX**):**

**try:**

amount **=** len**(**jsonX**)** *#TODO: error checking.*

**for** x **in** range**(0,**amount**):**

job **=** jsonX**[**x**]**

checkJob**(**job**[**"JobId"**])**

thread **=** Thread**(**target **=** jobs**.**parseJob**,** args **=** **(**job**,))** *#we'll do this, so there won't be a big delay when parsing everything.*

thread**.**start**()**

**except** **Exception:**

**print** "readandparse error"

**def** checkJob**(**jobId**):**

**try:**

url **=** settings**.**url **+** "markJob"

postVars **=** json**.**dumps**({** "UserId"**:** settings**.**userId**,** "JobId"**:**jobId**})**

requests**.**post**(**url**,** data**={**"JSON"**:**postVars**},** timeout**=20)**

**except** **Exception:**

**print** "oeps"

*#maybe some sort of error checking...........*

### jobs.py

**import** subprocess

**import** threading

**from** time **import** gmtime**,** strftime

**import** os

**import** datetime

**import** json

*#This is the file with all posible jobs defined.*

*#If you want to add a job to the list, add it to the dictionary and create the correct function for it.*

**def** restart**(**job**):**

subprocess**.**Popen**([**"sudo"**,** "reboot"**])** *#Sends sudo restart to the terminal, which will restart the RPi*

**def** shutdown**(**job**):**

subprocess**.**Popen**([**"sudo"**,** "halt"**]).**wait**()** *#Sends sudo halt to the terminal, which directly shuts the pi down*

**def** update**(**job**):**

updateCode**()** *#too big for one single easy function...*

**def** listFunc**(**job**):** *#Prints the list of the items you should buy!!!*

output **=** ""

liste **=** json**.**loads**(**job**[**"List"**])**

**for** item **in** liste**:** *#iterates through the list*

output **+=** "-" **+** item**[**"Title"**]** **+** "\n"

printCommand**(**output**)**

**def** text**(**job**):** *#Print the text entered on the website / app.*

output **=** ""**+** job**[**"Text"**]+**""

printCommand**(**output**)**

**def** qrCode**(**job**):**

**import** barcode

**from** barcode.writer **import** ImageWriter

EAN **=** barcode**.**get\_barcode\_class**(**'EAN'**)**

ean **=** EAN**(**job**[**"Code"**],** writer**=**ImageWriter**())**

*#filename = os.path.dirname(os.path.realpath(\_\_file\_\_)) + "/../printjobs/" + getTimeStamp() + ".txt"*

ean**.**save**(** os**.**path**.**dirname**(**os**.**path**.**realpath**(**\_\_file\_\_**))** **+** "/../printjobs/ean13\_barcode"**)**

command **=** "lpr -o fit-to-page " **+** os**.**path**.**dirname**(**os**.**path**.**realpath**(**\_\_file\_\_**))** **+** "/../printjobs/ean13\_barcode.png"

subprocess**.**Popen**(**command**,** shell**=**True**).**wait**()**

*#now print this thing!*

**def** printCommand**(**text**):** *#This is the function that is called with a string containing a text that should be printed.*

filename **=** os**.**path**.**dirname**(**os**.**path**.**realpath**(**\_\_file\_\_**))** **+** "/../printjobs/" **+** getTimeStamp**()** **+** ".txt"

filex **=** open**(**filename**,** 'w+'**)**

filex**.**write**(**text**)**

filex**.**close**()**

command **=** "sudo lpr '"**+** filename **+** "'"

**print** command

subprocess**.**Popen**(**command**,** shell**=**True**).**wait**()**

os**.**remove**(**filename**)**

*#subprocess.Popen("lpr <<< '"+text+"'", shell=True).wait()*

**def** getTimeStamp**():**

dt **=** datetime**.**datetime**.**now**()**

**return** dt**.**strftime**(**"%Y%j%H%M%S"**)** **+** str**(**dt**.**microsecond**)**

**def** updateCode**():**

**print** "Downloading and installing new updates."

downloadGithub**()**

**print** "Restarting the program"

restart**()**

**def** downloadGithub**():**

dir\_path **=** os**.**path**.**dirname**(**os**.**path**.**dirname**(**os**.**path**.**dirname**(**os**.**path**.**realpath**(**\_\_file\_\_**))));**

cmd **=**"curl -H \"Authorization: token 210928caef2212cda9586bb6dab335af19bfdf1a\" -Ls https://api.github.com/repos/arendjan/pws/tarball/ > "**+** dir\_path **+** "/smartfridge/wut.tar.gz"

subprocess**.**Popen**(**cmd**,** shell**=**True**).**wait**()**

cmd **=** "mkdir "**+** dir\_path **+** "/smartfridge/temp"

subprocess**.**Popen**(**cmd**,** shell**=**True**).**wait**()**

cmd **=** "tar -xvzf "**+** dir\_path **+** "/smartfridge/wut.tar.gz -C "**+** dir\_path **+** "/smartfridge/temp"

subprocess**.**Popen**(**cmd**,** shell**=**True**).**wait**()**

cmd **=** "command cp -rfv "**+** dir\_path **+** "/smartfridge/temp/\*/raspberry/\* "**+** dir\_path **+** "/smartfridge "

subprocess**.**Popen**(**cmd**,** shell**=**True**).**wait**()**

cmd **=** "rm -rf "**+** dir\_path **+** "/smartfridge/temp"

subprocess**.**Popen**(**cmd**,** shell**=**True**).**wait**()**

cmd **=** "rm -rf "**+** dir\_path **+** "/smartfridge/wut.tar.gz"

subprocess**.**Popen**(**cmd**,** shell**=**True**).**wait**()**

os**.**execl**(**sys**.**executable**,** sys**.**executable**,** **\***sys**.**argv**)** *#this is some magic, it'll restart the main,php function. Don't ask why :P*

options **=** **{**

"restart" **:** restart**,**

"barcode" **:** qrCode**,**

"list" **:**listFunc**,**

"text" **:** text**,**

"update" **:** update**,**

"shutdown" **:** shutdown

**}**

**def** parseJob**(**jsonX**):***#this will call your function!*

**if** jsonX**[**"Type"**]** **in** options**:**

options**[**jsonX**[**"Type"**]](**jsonX**)**

**else:**

**print** "Not added to the dictionary options"

### \_\_init\_\_.py

\_\_all\_\_ **=** **[**"jobsThread"**,** "keyboardThread"**,** "threads"**,** "jobs"**,** "awakeThread"**]**

# Server

Alle code die op de webserver staat.

## /

Alle code die in de root van de webserver staat.

### .htaccess

#Alternate default index pages

DirectoryIndex index.php

RewriteEngine On

RewriteCond %{REQUEST\_FILENAME} !-f

RewriteRule ^([^\.]+)$ $1.php [NC,L]

<FilesMatch "\.(php)$">

<IfModule mod\_headers.c>

Header set Access-Control-Allow-Origin "\*"

</IfModule>

</FilesMatch>

## /api

### addJob.php

*<?php*

ini\_set**(**'display\_errors'**,** **1);**

ini\_set**(**'display\_startup\_errors'**,** **1);**

error\_reporting**(E\_ALL);**

*//Alles wat nodig is require\_once*

**require\_once(**"include/log.php"**);**

**require\_once(**'../php/start.php'**);**

**require\_once(**"include/checkUserId.php"**);**

$conn **=** db**();**

**if** **(!**isset**(**$\_POST**[**'JSON'**])){**

errorLogging**(**basename**(**$\_SERVER**[**'PHP\_SELF'**]),** $\_POST**[**'JSON'**],** ""**,** "No \_POST['JSON']"**);**

**die;**

**}**

$data **=** json\_decode**(**$\_POST**[**'JSON'**],true);**

**echo** $data**[**'UserId'**];**

**if** **(**checkUserId**(**$data**[**'UserId'**])** **==** **false){**

errorLogging**(**basename**(**$\_SERVER**[**'PHP\_SELF'**]),** $\_POST**[**'JSON'**],** ""**,** "Forgot userId, or invalid userId"**);**

**die;**

**}**

$userId **=** $data**[**'UserId'**];**

logging**(**basename**(**$\_SERVER**[**'PHP\_SELF'**]),**$\_POST**[**'JSON'**],**$userId**);**

**if** **(!**isset**(**$data**[**"Type"**])** **||** **empty(**$data**[**"Type"**])){**

errorLogging**(**basename**(**$\_SERVER**[**'PHP\_SELF'**]),** $\_POST**[**'JSON'**],** $userId**,** "No Type"**);**

**die;**

**}**

$type **=** $data**[**"Type"**];**

**if** **(!**isset**(**$data**[**"Barcode"**])** **||** **empty(**$data**[**"Barcode"**])){**

$barcode **=** ""**;**

**}** **else{**

$barcode **=** $data**[**"Barcode"**];**

**}**

**if** **(!**isset**(**$data**[**"Text"**])** **||** **empty(**$data**[**"Text"**])){**

$text **=** ""**;**

**}** **else{**

$text **=** $data**[**"Text"**];**

**}**

**if** **(!**isset**(**$data**[**"Items"**])** **||** **empty(**$data**[**"Items"**])){**

$list **=** ""**;**

**}** **else{**

$list **=** json\_encode**(**$data**[**"Items"**]);**

**}**

**try{**

$stmt **=** $conn**->**prepare**(**"INSERT INTO jobs (userId, type, barcode, text, list, status) VALUES (?,?,?,?,?,?)"**);**

$stmt**->**execute**(array(**$userId**,** $type**,** $barcode**,** $text**,** $list**,** "new"**));**

**}**

*//Wanneer er een error komt met de query, komt dit in de erroLogging tabel dmv de functie errorLogging in log.php*

**catch** **(**PDOException $e**){**

errorLogging**(**basename**(**$\_SERVER**[**'PHP\_SELF'**]),** $\_POST**[**'JSON'**],** $userId**,** $e**);**

**die;**

**}**

$last\_id **=** $conn**->**lastInsertId**(**'jobs'**);**

$arr **=** **array(**'JobId' **=>** $last\_id**);**

**echo** json\_encode**(**$arr**);**

*?>*

### contains.php

*<?php*

ini\_set**(**'display\_errors'**,** **1);**

ini\_set**(**'display\_startup\_errors'**,** **1);**

error\_reporting**(E\_ALL);**

*//Alles wat nodig is require\_once*

**require\_once(**"include/log.php"**);**

**require\_once(**'../php/start.php'**);**

**require\_once(**"include/checkUserId.php"**);**

$conn **=** db**();**

$return\_arr **=** **array();**

**if** **(!**isset**(**$\_POST**[**'JSON'**])){**

errorLogging**(**basename**(**$\_SERVER**[**'PHP\_SELF'**]),** $\_POST**[**'JSON'**],** ""**,** "No \_POST['JSON']"**);**

**die;**

**}**

$data **=** json\_decode**(**$\_POST**[**'JSON'**],true);**

$userId **=** $data**[**'UserId'**];**

logging**(**basename**(**$\_SERVER**[**'PHP\_SELF'**]),**$\_POST**[**'JSON'**],**$userId**);**

**if** **(!**isset**(**$data**[**"Sort"**])** **||** $data**[**"Sort"**]** **==** ""**){**

$sort **=** "opened+closed"**;**

**}** **else** **{**

$sort **=** $data**[**"Sort"**];**

**}**

**if** **(**checkUserId**(**$data**[**'UserId'**])** **==** **false){**

errorLogging**(**basename**(**$\_SERVER**[**'PHP\_SELF'**]),** $\_POST**[**'JSON'**],** ""**,** "Forgot userId, or invalid userId"**);**

**die;**

**}**

**if(**$sort **==** "everything"**){**

**try{**

$stmt **=** $conn**->**prepare**(**'SELECT \* FROM products WHERE userId = ?'**);**

$stmt**->**execute**(array(**$userId**));**

**}**

*//Wanneer er een error komt met de query, komt dit in de erroLogging tabel dmv de functie errorLogging in log.php*

**catch** **(**PDOException $e**){**

errorLogging**(**basename**(**$\_SERVER**[**'PHP\_SELF'**]),** $\_POST**[**'JSON'**],** $userId**,** $e**);**

**die;**

**}**

$result **=** $stmt **->** fetchAll**();**

**foreach(** $result **as** $row **)** **{**

$closed **=** $row**[**'closed'**];**

$open **=** $row**[**'open'**];**

$amount **=** $open **+** $closed**;**

*//echo $row['description'] . ":<br>Ammount: " . $row['ammount'] . "<br>Closed: " . $closed . "<br>Opened: " . $row['open'] . "<br><br>";*

$row\_array**[**'Id'**]** **=** intval**(**$row**[**'ID'**]);**

$row\_array**[**'Name'**]** **=** $row**[**'description'**];**

$row\_array**[**'Barcode'**]** **=** strval**(**$row**[**'barcode'**]);**

$row\_array**[**'Ammount'**]** **=** $amount**;**

$row\_array**[**'Closed'**]** **=** intval**(**$row**[**'closed'**]);**

$row\_array**[**'Open'**]** **=** intval**(**$row**[**'open'**]);**

array\_push**(**$return\_arr**,**$row\_array**);**

**}**

**}elseif** **(**$sort **==** "opened"**)** **{**

**try{**

$stmt **=** $conn**->**prepare**(**'SELECT \* FROM products WHERE open > 0 AND userId = ?'**);**

$stmt**->**execute**(array(**$userId**));**

**}**

*//Wanneer er een error komt met de query, komt dit in de erroLogging tabel dmv de functie errorLogging in log.php*

**catch** **(**PDOException $e**){**

errorLogging**(**basename**(**$\_SERVER**[**'PHP\_SELF'**]),** $\_POST**[**'JSON'**],** $userId**,** $e**);**

**die;**

**}**

$result **=** $stmt **->** fetchAll**();**

**foreach(** $result **as** $row **)** **{**

*//echo $row['description'] . ":<br>Opened: " . $row['open'] . "<br><br>";*

$row\_array**[**'Id'**]** **=** intval**(**$row**[**'ID'**]);**

$row\_array**[**'Name'**]** **=** $row**[**'description'**];**

$row\_array**[**'Barcode'**]** **=** strval**(**$row**[**'barcode'**]);**

$row\_array**[**'Open'**]** **=** intval**(**$row**[**'open'**]);**

array\_push**(**$return\_arr**,**$row\_array**);**

**}**

**}elseif** **(**$sort **==** "closed"**)** **{**

**try{**

$stmt **=** $conn**->**prepare**(**'SELECT \* FROM products WHERE closed > 0 AND userId = ?'**);**

$stmt**->**execute**(array(**$userId**));**

**}**

*//Wanneer er een error komt met de query, komt dit in de erroLogging tabel dmv de functie errorLogging in log.php*

**catch** **(**PDOException $e**){**

errorLogging**(**basename**(**$\_SERVER**[**'PHP\_SELF'**]),** $\_POST**[**'JSON'**],** $userId**,** $e**);**

**die;**

**}**

$result **=** $stmt **->** fetchAll**();**

**foreach(** $result **as** $row **)** **{**

*//echo $row['description'] . ":<br>Closed: " . $closed . "<br><br>";*

$row\_array**[**'Id'**]** **=** intval**(**$row**[**'ID'**]);**

$row\_array**[**'Name'**]** **=** $row**[**'description'**];**

$row\_array**[**'Barcode'**]** **=** strval**(**$row**[**'barcode'**]);**

$row\_array**[**'Closed'**]** **=** intval**(**$row**[**'closed'**]);**

array\_push**(**$return\_arr**,**$row\_array**);**

**}**

**}elseif** **(**$sort **==** "opened+closed"**)** **{**

**try{**

$stmt **=** $conn**->**prepare**(**'SELECT \* FROM products WHERE (closed > 0 OR open > 0) AND userId = ?'**);**

$stmt**->**execute**(array(**$userId**));**

**}**

*//Wanneer er een error komt met de query, komt dit in de erroLogging tabel dmv de functie errorLogging in log.php*

**catch** **(**PDOException $e**){**

errorLogging**(**basename**(**$\_SERVER**[**'PHP\_SELF'**]),** $\_POST**[**'JSON'**],** $userId**,** $e**);**

**die;**

**}**

$result **=** $stmt **->** fetchAll**();**

**foreach(** $result **as** $row **)** **{**

*//echo $row['description'] . ":<br>Closed " . $closed . "<br>Open: " . $row['open'] . "<br><br>";*

$row\_array**[**'Id'**]** **=** intval**(**$row**[**'ID'**]);**

$row\_array**[**'Name'**]** **=** $row**[**'description'**];**

$row\_array**[**'Barcode'**]** **=** strval**(**$row**[**'barcode'**]);**

$row\_array**[**'Closed'**]** **=** intval**(**$row**[**'closed'**]);**

$row\_array**[**'Open'**]** **=** intval**(**$row**[**'open'**]);**

array\_push**(**$return\_arr**,**$row\_array**);**

**}**

**}**

**echo** json\_encode**(**$return\_arr**);**

*?>*

### createItem.php

*<?php*

ini\_set**(**'display\_errors'**,** **1);**

ini\_set**(**'display\_startup\_errors'**,** **1);**

error\_reporting**(E\_ALL);**

*//Alles wat nodig is require\_once*

**require\_once(**"include/log.php"**);**

**require\_once(**'../php/start.php'**);**

**require\_once(**"include/checkUserId.php"**);**

$conn **=** db**();**

**if** **(!**isset**(**$\_POST**[**'JSON'**])){**

errorLogging**(**basename**(**$\_SERVER**[**'PHP\_SELF'**]),** $\_POST**[**'JSON'**],** ""**,** "No \_POST['JSON']"**);**

**die;**

**}**

$data **=** json\_decode**(**$\_POST**[**'JSON'**],true);**

**if** **(**checkUserId**(**$data**[**'UserId'**])** **==** **false){**

errorLogging**(**basename**(**$\_SERVER**[**'PHP\_SELF'**]),** $\_POST**[**'JSON'**],** ""**,** "Forgot userId, or invalid userId"**);**

**die;**

**}**

$userId **=** $data**[**'UserId'**];**

logging**(**basename**(**$\_SERVER**[**'PHP\_SELF'**]),**$\_POST**[**'JSON'**],**$userId**);**

**if** **(!**isset**(**$data**[**"Barcode"**])** **||** **empty(**$data**[**"Barcode"**])){**

errorLogging**(**basename**(**$\_SERVER**[**'PHP\_SELF'**]),** $\_POST**[**'JSON'**],** $userId**,** "You forgot a barcode"**);**

**die;**

**}**

$barcode **=** $data**[**"Barcode"**];**

**if** **(!**isset**(**$data**[**"Title"**])** **||** **empty(**$data**[**"Title"**])){**

errorLogging**(**basename**(**$\_SERVER**[**'PHP\_SELF'**]),** $\_POST**[**'JSON'**],** $userId**,** "You forgot a title"**);**

**die;**

**}**

$title **=** $data**[**"Title"**];**

**try{**

$stmt **=** $conn**->**prepare**(**"INSERT INTO `products` (`ID`, `userId`, `barcode`, `description`, `open`, `closed`) VALUES (NULL, ?, ?, ?, '0', '0');"**);**

$stmt**->**execute**(array(**$userId**,** $barcode**,** $title**));**

**}**

*//Wanneer er een error komt met de query, komt dit in de erroLogging tabel dmv de functie errorLogging in log.php*

**catch** **(**PDOException $e**){**

errorLogging**(**basename**(**$\_SERVER**[**'PHP\_SELF'**]),** $\_POST**[**'JSON'**],** $userId**,** $e**);**

**die;**

**}**

$last\_id **=** $conn**->**lastInsertId**(**'products'**);**

$arr **=** **array(**'Id' **=>** $last\_id**);**

**echo** json\_encode**(**$arr**);**

*?>*

### getActive.php

*<?php*

ini\_set**(**'display\_errors'**,** **1);**

ini\_set**(**'display\_startup\_errors'**,** **1);**

error\_reporting**(E\_ALL);**

*//Alles wat nodig is require\_once*

**require\_once(**"include/log.php"**);**

**require\_once(**'../php/start.php'**);**

**require\_once(**"include/checkUserId.php"**);**

$conn **=** db**();**

**if** **(!**isset**(**$\_POST**[**'JSON'**])){**

errorLogging**(**basename**(**$\_SERVER**[**'PHP\_SELF'**]),** $\_POST**[**'JSON'**],** ""**,** "No \_POST['JSON']"**);**

**die;**

**}**

$data **=** json\_decode**(**$\_POST**[**'JSON'**],true);**

**if** **(**checkUserId**(**$data**[**'UserId'**])** **==** **false){**

errorLogging**(**basename**(**$\_SERVER**[**'PHP\_SELF'**]),** $\_POST**[**'JSON'**],** ""**,** "Forgot userId, or invalid userId"**);**

**die;**

**}**

$userId **=** $data**[**'UserId'**];**

$tijd **=** date**(**"Y-m-d H:i:s"**);**

**try{**

$stmt **=** $conn**->**prepare**(**"SELECT \* FROM users WHERE userId = ?"**);**

$stmt**->**execute**(array(** $userId**));**

$jsonite **=** **array(**'Time' **=>** $stmt**->**fetchAll**()[0][**"ActiveTime"**]** **);**

**echo** json\_encode**(**$jsonite**);**

**}**

*//Wanneer er een error komt met de query, komt dit in de erroLogging tabel dmv de functie errorLogging in log.php*

**catch** **(**PDOException $e**){**

errorLogging**(**basename**(**$\_SERVER**[**'PHP\_SELF'**]),** $\_POST**[**'JSON'**],** $userId**,** $e**);**

**die;**

**}**

*?>*

### getJobs.php

*<?php*

ini\_set**(**'display\_errors'**,** **1);**

ini\_set**(**'display\_startup\_errors'**,** **1);**

error\_reporting**(E\_ALL);**

*//Alles wat nodig is require\_once*

**require\_once(**"include/log.php"**);**

**require\_once(**'../php/start.php'**);**

**require\_once(**"include/checkUserId.php"**);**

$conn **=** db**();**

**if** **(!**isset**(**$\_POST**[**'JSON'**])){**

errorLogging**(**basename**(**$\_SERVER**[**'PHP\_SELF'**]),** $\_POST**[**'JSON'**],** ""**,** "No \_POST['JSON']"**);**

**die;**

**}**

$data **=** json\_decode**(**$\_POST**[**'JSON'**],true);**

**if** **(**checkUserId**(**$data**[**'UserId'**])** **==** **false){**

errorLogging**(**basename**(**$\_SERVER**[**'PHP\_SELF'**]),** $\_POST**[**'JSON'**],** ""**,** "Forgot userId, or invalid userId"**);**

**die;**

**}**

$userId **=** $data**[**'UserId'**];**

**if** **(!**isset**(**$data**[**"Status"**])** **||** $data**[**"Status"**]** **==** ""**){**

$status **=** "new"**;**

**}** **else** **{**

$status **=** $data**[**"Status"**];**

**}**

**if** **(!**isset**(**$data**[**"Type"**])** **||** $data**[**"Type"**]** **==** ""**){**

$type **=** "all"**;**

**}** **else** **{**

$type **=** $data**[**"Type"**];**

**}**

$json\_array **=** **array();**

*//Different statements if Type or Status is empty*

**if** **(**$status **==** "new" **&&** $type **==** "all"**){**

**try{**

$stmt **=** $conn**->**prepare**(**'SELECT \* FROM jobs WHERE userId = ? AND status = ?'**);**

$stmt**->**execute**(array(**$userId**,** "new"**));**

**}**

*//Wanneer er een error komt met de query, komt dit in de erroLogging tabel dmv de functie errorLogging in log.php*

**catch** **(**PDOException $e**){**

errorLogging**(**basename**(**$\_SERVER**[**'PHP\_SELF'**]),** $\_POST**[**'JSON'**],** $userId**,** $e**);**

**die;**

**}**

**}** **elseif** **(**$status **==** "new"**){**

**try{**

$stmt **=** $conn**->**prepare**(**'SELECT \* FROM jobs WHERE userId = ? AND type = ? AND status = ?'**);**

$stmt**->**execute**(array(**$userId**,** $type**,** "new"**));**

**}**

*//Wanneer er een error komt met de query, komt dit in de erroLogging tabel dmv de functie errorLogging in log.php*

**catch** **(**PDOException $e**){**

errorLogging**(**basename**(**$\_SERVER**[**'PHP\_SELF'**]),** $\_POST**[**'JSON'**],** $userId**,** $e**);**

**die;**

**}**

**}** **elseif** **(**$type **==** "all"**)** **{**

**try{**

$stmt **=** $conn**->**prepare**(**'SELECT \* FROM jobs WHERE userId = ? AND status = ?'**);**

$stmt**->**execute**(array(**$userId**,** $status**));**

**}**

*//Wanneer er een error komt met de query, komt dit in de erroLogging tabel dmv de functie errorLogging in log.php*

**catch** **(**PDOException $e**){**

errorLogging**(**basename**(**$\_SERVER**[**'PHP\_SELF'**]),** $\_POST**[**'JSON'**],** $userId**,** $e**);**

**die;**

**}**

**}** **else** **{**

**try{**

$stmt **=** $conn**->**prepare**(**'SELECT \* FROM jobs WHERE userId = ? AND type = ? AND status = ?'**);**

$stmt**->**execute**(array(**$userId**,** $type**,** $status**));**

**}**

*//Wanneer er een error komt met de query, komt dit in de erroLogging tabel dmv de functie errorLogging in log.php*

**catch** **(**PDOException $e**){**

errorLogging**(**basename**(**$\_SERVER**[**'PHP\_SELF'**]),** $\_POST**[**'JSON'**],** $userId**,** $e**);**

**die;**

**}**

**}**

$result **=** $stmt **->** fetchAll**();**

**foreach(** $result **as** $row **)** **{**

**switch** **(**$type**)** **{**

**case** "barcode"**:**

*//echo "Type: " . $row['type'] . "<br>Code: " . $row['qrcode'] . "<br>Status: " . $row['status'] . "<br>JobId: " . $row['ID'] . "<br><br>";*

$row\_array**[**'Type'**]** **=** $row**[**'type'**];**

$row\_array**[**'Code'**]** **=** $row**[**'barcode'**];**

$row\_array**[**'Status'**]** **=** $row**[**'status'**];**

$row\_array**[**'JobId'**]** **=** $row**[**'ID'**];**

array\_push**(**$json\_array**,**$row\_array**);**

**break;**

**case** "text"**:**

*//echo "Type: " . $row['type'] . "<br>Text: " . $row['text'] . "<br>Status: " . $row['status'] . "<br>JobId: " . $row['ID'] . "<br><br>";*

$row\_array**[**'Type'**]** **=** $row**[**'type'**];**

$row\_array**[**'Text'**]** **=** $row**[**'text'**];**

$row\_array**[**'Status'**]** **=** $row**[**'status'**];**

$row\_array**[**'JobId'**]** **=** $row**[**'ID'**];**

array\_push**(**$json\_array**,**$row\_array**);**

**break;**

**case** "list"**:**

**break;**

**case** "reboot"**:**

$row\_array**[**'Type'**]** **=** $row**[**'type'**];**

$row\_array**[**'Status'**]** **=** $row**[**'status'**];**

$row\_array**[**'JobId'**]** **=** $row**[**'ID'**];**

array\_push**(**$json\_array**,**$row\_array**);**

**break;**

**case** "shutdown"**:**

$row\_array**[**'Type'**]** **=** $row**[**'type'**];**

$row\_array**[**'Status'**]** **=** $row**[**'status'**];**

$row\_array**[**'JobId'**]** **=** $row**[**'ID'**];**

array\_push**(**$json\_array**,**$row\_array**);**

**break;**

**case** "update"**:**

$row\_array**[**'Type'**]** **=** $row**[**'type'**];**

$row\_array**[**'Status'**]** **=** $row**[**'status'**];**

$row\_array**[**'JobId'**]** **=** $row**[**'ID'**];**

array\_push**(**$json\_array**,**$row\_array**);**

**break;**

**case** "all"**:**

$row\_array**[**'Type'**]** **=** $row**[**'type'**];**

$row\_array**[**'Code'**]** **=** $row**[**'barcode'**];**

$row\_array**[**'Text'**]** **=** $row**[**'text'**];**

$row\_array**[**'List'**]** **=** $row**[**'list'**];**

$row\_array**[**'Status'**]** **=** $row**[**'status'**];**

$row\_array**[**'JobId'**]** **=** $row**[**'ID'**];**

array\_push**(**$json\_array**,**$row\_array**);**

**}**

**}**

**echo** json\_encode**(**$json\_array**);**

*?>*

### getLog.php

*<?php*

ini\_set**(**'display\_errors'**,** **1);**

ini\_set**(**'display\_startup\_errors'**,** **1);**

error\_reporting**(E\_ALL);**

*//Alles wat nodig is require\_once*

**require\_once(**'../php/start.php'**);**

**require\_once(**"include/checkUserId.php"**);**

**require\_once(**"include/log.php"**);**

$conn **=** db**();**

**if** **(!**isset**(**$\_POST**[**'JSON'**])){**

errorLogging**(**basename**(**$\_SERVER**[**'PHP\_SELF'**]),** $\_POST**[**'JSON'**],** ""**,** "No \_POST['JSON']"**);**

**die;**

**}**

$data **=** json\_decode**(**$\_POST**[**'JSON'**],true);**

**if** **(**checkUserId**(**$data**[**'UserId'**])** **==** **false){**

errorLogging**(**basename**(**$\_SERVER**[**'PHP\_SELF'**]),** $\_POST**[**'JSON'**],** ""**,** "Forgot userId, or invalid userId"**);**

**die;**

**}**

**if(!**isset**(**$data**[**"Sort"**])||empty(**$data**[**"Sort"**])){**

$sort **=** "ASC"**;**

**}else{**

$sort **=** $data**[**"Sort"**];**

**}**

**if(!**in\_array**(**$sort**,** **array(**"DESC"**,**"ASC"**))){**

errorLogging**(**basename**(**$\_SERVER**[**'PHP\_SELF'**]),** $\_POST**[**'JSON'**],** $userId**,** "The sort variable hasn't got a correct value. Only ASC or DESC"**);**

**die;**

**}**

$userId **=** $data**[**'UserId'**];**

$json\_array **=** **array();**

**try{**

$stmt **=** $conn**->**prepare**(**'SELECT \* FROM logging WHERE userId = ? ORDER BY ID '**.**$sort**);**

$stmt**->**execute**(array(**$userId**));**

**}**

*//Wanneer er een error komt met de query, komt dit in de erroLogging tabel dmv de functie errorLogging in log.php*

**catch** **(**PDOException $e**){**

errorLogging**(**basename**(**$\_SERVER**[**'PHP\_SELF'**]),** $\_POST**[**'JSON'**],** $userId**,** $e**);**

**die;**

**}**

$result **=** $stmt **->** fetchAll**();**

**foreach(** $result **as** $row **)** **{**

$row\_array **=** **array();**

$row\_array**[**'ID'**]** **=** $row**[**'ID'**];**

$row\_array**[**'Time'**]** **=** $row**[**'time'**];**

$row\_array**[**'Script'**]** **=** $row**[**'script'**];**

$row\_array**[**'Params'**]** **=** json\_decode**(**$row**[**'params'**]);**

$row\_array**[**"UserId"**]** **=** $row**[**"userId"**];**

**if(**$row**[**"script"**]===**"markJob.php"**){**

$jobId2 **=** $row\_array**[**"Params"**]->**JobId**;**

$stmt2 **=** $conn**->**prepare**(**'SELECT \* FROM jobs WHERE userId = ? AND ID = ?'**);**

**if** **(**$stmt2**->**execute**(array(**$userId**,** $jobId2**)))** **{**

$rowX **=** $stmt2**->**fetch**();**

$job **=** **array();**

$job**[**"ID"**]** **=** $rowX**[**"ID"**];**

$job**[**"Type"**]** **=** $rowX**[**"type"**];**

$job**[**"Barcode"**]** **=** $rowX**[**"barcode"**];**

$job**[**"Text"**]** **=** $rowX**[**"text"**];**

$job**[**"List"**]** **=** $rowX**[**"list"**];**

$job**[**"Status"**]** **=** $rowX**[**"status"**];**

*//print\_r*

*//print\_r($rowX);*

$row\_array**[**"JobDetails"**]** **=** $job**;**

*//print\_r($job);*

**}else** **{**

**}**

**}**

**if(**$row**[**"script"**]===**"itemChange.php"**){**

$barcode **=** $row\_array**[**"Params"**]->**Barcode**;**

$stmt2 **=** $conn**->**prepare**(**'SELECT \* FROM products WHERE userId = ? AND barcode = ?'**);**

**if** **(**$stmt2**->**execute**(array(**$userId**,** $barcode**)))** **{**

$rowX **=** $stmt2**->**fetch**();**

$item **=** **array();**

$item**[**"Title"**]** **=** $rowX**[**"description"**];**

$item**[**"Barcode"**]** **=** $rowX**[**"barcode"**];**

$item**[**"Open"**]** **=** $rowX**[**"open"**];**

$item**[**"Closed"**]** **=** $rowX**[**"closed"**];**

$item**[**"ID"**]** **=** $rowX**[**"ID"**];**

*//print\_r*

*//print\_r($rowX);*

$row\_array**[**"ItemDetails"**]** **=** $item**;**

*//print\_r($job);*

**}else** **{**

**}**

**}**

array\_push**(**$json\_array**,**$row\_array**);**

**}**

**echo** json\_encode**(**$json\_array**);**

*?>*

### itemChange.php

*<?php*

ini\_set**(**'display\_errors'**,** **1);**

ini\_set**(**'display\_startup\_errors'**,** **1);**

error\_reporting**(E\_ALL);**

*//Alles wat nodig is require\_once*

**require\_once(**'../php/start.php'**);**

**require\_once(**"include/checkUserId.php"**);**

**require\_once(**"include/log.php"**);**

**require\_once(**"include/newItem.php"**);**

**require\_once(**"include/delItem.php"**);**

**require\_once(**"include/delOpen.php"**);**

**require\_once(**"include/delClosed.php"**);**

**require\_once(**"include/openItem.php"**);**

**require\_once(**"include/checkUserId.php"**);**

$conn **=** db**();**

**if** **(!**isset**(**$\_POST**[**'JSON'**])){**

errorLogging**(**basename**(**$\_SERVER**[**'PHP\_SELF'**]),** $\_POST**[**'JSON'**],** ""**,** "No \_POST['JSON']"**);**

**die;**

**}**

$data **=** json\_decode**(**$\_POST**[**'JSON'**],true);**

**if** **(**checkUserId**(**$data**[**'UserId'**])** **==** **false){**

errorLogging**(**basename**(**$\_SERVER**[**'PHP\_SELF'**]),** $\_POST**[**'JSON'**],** ""**,** "Forgot userId, or invalid userId"**);**

**die;**

**}**

$userId **=** $data**[**'UserId'**];**

**if** **(!**isset**(**$data**[**"Barcode"**])){**

errorLogging**(**basename**(**$\_SERVER**[**'PHP\_SELF'**]),** $\_POST**[**'JSON'**],** $userId**,** "You forgot a barcode"**);**

**die;**

**}**

$code **=** $data**[**"Barcode"**];**

**if** **(!**isset**(**$data**[**"Action"**])** **||** $data**[**'Action'**]** **==** ""**){**

$action **=** "add"**;**

**}** **else** **{**

$action **=** $data**[**"Action"**];**

**}**

**if(**$action **==** "add"**){**

addItem**(**$code**,** $userId**);**

**}** **else** **if** **(**$action **==** "del"**)** **{**

delItem**(**$code**,** $userId**);**

**}** **else** **if** **(**$action **==** "open"**)** **{**

openItem**(**$code**,** $userId**);**

**}** **else** **if** **(**$action **==** "delOpen"**)** **{**

delOpen**(**$code**,** $userId**);**

**}** **else** **if** **(**$action **==** "delClosed"**)** **{**

delClosed**(**$code**,** $userId**);**

**}else{**

**die** **(**"Not a correct action"**);**

**}**

**if** **(**$GLOBALS**[**'doLog'**]** **==** "y"**)** **{**

logging**(**basename**(**$\_SERVER**[**'PHP\_SELF'**]),**$\_POST**[**'JSON'**],**$userId**);**

**}**

**try{**

$returnstmt **=** $conn**->**prepare**(**'SELECT \* FROM products WHERE userId = ? AND barcode = ?'**);**

$returnstmt**->**execute**(array(**$userId**,** $code**));**

**}**

*//Wanneer er een error komt met de query, komt dit in de erroLogging tabel dmv de functie errorLogging in log.php*

**catch** **(**PDOException $e**){**

errorLogging**(**basename**(**$\_SERVER**[**'PHP\_SELF'**]),** $\_POST**[**'JSON'**],** $userId**,** $e**);**

**die;**

**}**

$result **=** $returnstmt **->** fetch**();**

$return\_arr **=** **array();**

$row\_array**[**'Id'**]** **=** intval**(**$result**[**'ID'**]);**

$row\_array**[**'Name'**]** **=** $result**[**'description'**];**

$row\_array**[**'Barcode'**]** **=** strval**(**$result**[**'barcode'**]);**

$row\_array**[**'Closed'**]** **=** intval**(**$result**[**'closed'**]);**

$row\_array**[**'Open'**]** **=** intval**(**$result**[**'open'**]);**

array\_push**(**$return\_arr**,**$row\_array**);**

**echo** json\_encode**(**$return\_arr**);**

*?>*

### markJob.php

*<?php*

ini\_set**(**'display\_errors'**,** **1);**

ini\_set**(**'display\_startup\_errors'**,** **1);**

error\_reporting**(E\_ALL);**

*//Alles wat nodig is require\_once*

**require\_once(**'../php/start.php'**);**

**require\_once(**"include/checkUserId.php"**);**

**require\_once(**"include/checkJobId.php"**);**

$conn **=** db**();**

**if** **(!**isset**(**$\_POST**[**'JSON'**])){**

errorLogging**(**basename**(**$\_SERVER**[**'PHP\_SELF'**]),** $\_POST**[**'JSON'**],** ""**,** "No \_POST['JSON']"**);**

**die;**

**}**

$data **=** json\_decode**(**$\_POST**[**'JSON'**],true);**

$userId **=** $data**[**"UserId"**];**

$jobId **=** $data**[**"JobId"**];**

**if** **(**checkUserId**(**$data**[**'UserId'**])** **==** **false){**

errorLogging**(**basename**(**$\_SERVER**[**'PHP\_SELF'**]),** $\_POST**[**'JSON'**],** ""**,** "Forgot userId, or invalid userId"**);**

**die;**

**}**

**require\_once(**"include/log.php"**);**

logging**(**basename**(**$\_SERVER**[**'PHP\_SELF'**]),**$\_POST**[**'JSON'**],**$userId**);**

**if** **(!**isset**(**$data**[**"Status"**])** **||** $data**[**"Status"**]** **==** ""**){**

$status **=** "done"**;**

**}** **else** **{**

$status **=** $data**[**"Status"**];**

**}**

**if** **(**$status **==** "new" **||** $status **==** "done"**){**

$userId **=** $data**[**'UserId'**];**

**if** **(**checkJobId**(**$jobId**)** **==** **false){**

errorLogging**(**basename**(**$\_SERVER**[**'PHP\_SELF'**]),** $\_POST**[**'JSON'**],** $userId**,** "Forgot jobId, or invalid jobId"**);**

**die;**

**}**

$jobId **=** $data**[**'JobId'**];**

**try{**

$upstmt **=** $conn**->**prepare**(**'UPDATE jobs SET status = ? WHERE userId = ? AND ID = ?'**);**

$upstmt**->**execute**(array(**$status**,** $userId**,** $jobId**));**

**}**

*//Wanneer er een error komt met de query, komt dit in de erroLogging tabel dmv de functie errorLogging in log.php*

**catch** **(**PDOException $e**){**

errorLogging**(**basename**(**$\_SERVER**[**'PHP\_SELF'**]),** $\_POST**[**'JSON'**],** $userId**,** $e**);**

**die;**

**}**

**}** **else** **{**

errorLogging**(**basename**(**$\_SERVER**[**'PHP\_SELF'**]),** $\_POST**[**'JSON'**],** $userId**,** "Invalid status"**);**

**die;**

**}**

$arr **=** **array(**'JobId' **=>** $jobId**,** 'Status' **=>** $status**);**

**echo** json\_encode**(**$arr**);**

*?>*

### resetLog.php

*<?php*

ini\_set**(**'display\_errors'**,** **1);**

ini\_set**(**'display\_startup\_errors'**,** **1);**

error\_reporting**(E\_ALL);**

*//Alles wat nodig is require\_once*

**require\_once(**"include/log.php"**);**

**require\_once(**'../php/start.php'**);**

**require\_once(**"include/checkUserId.php"**);**

$conn **=** db**();**

**if** **(!**isset**(**$\_POST**[**'JSON'**])){**

errorLogging**(**basename**(**$\_SERVER**[**'PHP\_SELF'**]),** $\_POST**[**'JSON'**],** ""**,** "No \_POST['JSON']"**);**

**die;**

**}**

$data **=** json\_decode**(**$\_POST**[**'JSON'**],true);**

**if** **(**checkUserId**(**$data**[**'UserId'**])** **==** **false){**

errorLogging**(**basename**(**$\_SERVER**[**'PHP\_SELF'**]),** $\_POST**[**'JSON'**],** ""**,** "Forgot userId, or invalid userId"**);**

**die;**

**}**

$userId **=** $data**[**'UserId'**];**

logging**(**basename**(**$\_SERVER**[**'PHP\_SELF'**]),**$\_POST**[**'JSON'**],**$userId**);**

**echo** "y"**;**

*?>*

### sendActive.php

*<?php*

ini\_set**(**'display\_errors'**,** **1);**

ini\_set**(**'display\_startup\_errors'**,** **1);**

error\_reporting**(E\_ALL);**

*//Alles wat nodig is require\_once*

**require\_once(**"include/log.php"**);**

**require\_once(**'../php/start.php'**);**

**require\_once(**"include/checkUserId.php"**);**

$conn **=** db**();**

**if** **(!**isset**(**$\_POST**[**'JSON'**])){**

errorLogging**(**basename**(**$\_SERVER**[**'PHP\_SELF'**]),** $\_POST**[**'JSON'**],** ""**,** "No \_POST['JSON']"**);**

**die;**

**}**

$data **=** json\_decode**(**$\_POST**[**'JSON'**],true);**

**if** **(**checkUserId**(**$data**[**'UserId'**])** **==** **false){**

errorLogging**(**basename**(**$\_SERVER**[**'PHP\_SELF'**]),** $\_POST**[**'JSON'**],** ""**,** "Forgot userId, or invalid userId"**);**

**die;**

**}**

$userId **=** $data**[**'UserId'**];**

$tijd **=** date**(**"Y-m-d H:i:s"**);**

**try{**

$stmt **=** $conn**->**prepare**(**"UPDATE users SET ActiveTime=? WHERE userId = ?"**);**

$stmt**->**execute**(array(**$tijd**,** $userId**));**

**}**

*//Wanneer er een error komt met de query, komt dit in de erroLogging tabel dmv de functie errorLogging in log.php*

**catch** **(**PDOException $e**){**

errorLogging**(**basename**(**$\_SERVER**[**'PHP\_SELF'**]),** $\_POST**[**'JSON'**],** $userId**,** $e**);**

**die;**

**}**

**echo** "y"**;**

*?>*

### serverCheck.php

*<?php*

**echo** "y"

*?>*

### titleChange.php

*<?php*

ini\_set**(**'display\_errors'**,** **1);**

ini\_set**(**'display\_startup\_errors'**,** **1);**

error\_reporting**(E\_ALL);**

*//Alles wat nodig is require\_once*

**require\_once(**"include/checkUserId.php"**);**

**require\_once(**"include/log.php"**);**

**if** **(!**isset**(**$\_POST**[**'JSON'**])){**

errorLogging**(**basename**(**$\_SERVER**[**'PHP\_SELF'**]),** $\_POST**[**'JSON'**],** ""**,** "No \_POST['JSON']"**);**

**die;**

**}**

$data **=** json\_decode**(**$\_POST**[**'JSON'**],true);**

**if** **(**checkUserId**(**$data**[**'UserId'**])** **==** **false){**

errorLogging**(**basename**(**$\_SERVER**[**'PHP\_SELF'**]),** $\_POST**[**'JSON'**],** ""**,** "Forgot userId, or invalid userId"**);**

**die;**

**}**

$userId **=** $data**[**'UserId'**];**

logging**(**basename**(**$\_SERVER**[**'PHP\_SELF'**]),**$\_POST**[**'JSON'**],**$userId**);**

**if** **(!**isset**(**$data**[**"Barcode"**])){**

errorLogging**(**basename**(**$\_SERVER**[**'PHP\_SELF'**]),** $\_POST**[**'JSON'**],** $userId**,** "Forgot a barcode"**);**

**die;**

**}** **else** **{**

$code **=** $data**[**"Barcode"**];**

**}**

**if** **(!**isset**(**$data**[**"Title"**])** **||** $data**[**'Title'**]** **==** ""**){**

errorLogging**(**basename**(**$\_SERVER**[**'PHP\_SELF'**]),** $\_POST**[**'JSON'**],** $userId**,** "Forgot a title"**);**

**die;**

**}**

$title **=** $data**[**"Title"**];**

**require\_once(**dirname**(\_\_FILE\_\_).**"/../php/start.php"**);**

$conn **=** db**();**

**try{**

$open2stmt **=** $conn**->**prepare**(**"UPDATE products SET description = ? WHERE barcode = ? AND userId = ?"**);**

$open2stmt**->**execute**(array(**$title**,** $code**,** $userId**));**

**}**

*//Wanneer er een error komt met de query, komt dit in de erroLogging tabel dmv de functie errorLogging in log.php*

**catch** **(**PDOException $e**){**

errorLogging**(**basename**(**$\_SERVER**[**'PHP\_SELF'**]),** $\_POST**[**'JSON'**],** $userId**,** $e**);**

**die;**

**}**

**try{**

$returnstmt **=** $conn**->**prepare**(**'SELECT \* FROM products WHERE userId = ? AND barcode = ?'**);**

$returnstmt**->**execute**(array(**$userId**,** $code**));**

**}**

*//Wanneer er een error komt met de query, komt dit in de erroLogging tabel dmv de functie errorLogging in log.php*

**catch** **(**PDOException $e**){**

errorLogging**(**basename**(**$\_SERVER**[**'PHP\_SELF'**]),** $\_POST**[**'JSON'**],** $userId**,** $e**);**

**die;**

**}**

$result **=** $returnstmt **->** fetch**();**

$return\_arr **=** **array();**

$row\_array**[**'Id'**]** **=** intval**(**$result**[**'ID'**]);**

$row\_array**[**'Name'**]** **=** $result**[**'description'**];**

$row\_array**[**'Barcode'**]** **=** strval**(**$result**[**'barcode'**]);**

$row\_array**[**'Closed'**]** **=** intval**(**$result**[**'closed'**]);**

$row\_array**[**'Open'**]** **=** intval**(**$result**[**'open'**]);**

array\_push**(**$return\_arr**,**$row\_array**);**

**echo** json\_encode**(**$return\_arr**);**

*?>*

### userIdCheck.php

*<?php*

ini\_set**(**'display\_errors'**,** **1);**

ini\_set**(**'display\_startup\_errors'**,** **1);**

error\_reporting**(E\_ALL);**

**function** retour**(**$vale**){**

**return** "{\"check\":\"" **.** $vale **.** "\"}"**;**

**}**

*//Alles wat nodig is require\_once*

**require\_once(**"include/checkUserId.php"**);**

**require\_once(**"include/log.php"**);**

**if** **(!**isset**(**$\_POST**[**'JSON'**])){**

errorLogging**(**basename**(**$\_SERVER**[**'PHP\_SELF'**]),** $\_POST**[**'JSON'**],** ""**,** "No \_POST['JSON']"**);**

**die;**

**}**

$data **=** json\_decode**(**$\_POST**[**'JSON'**],true);**

$userId **=** $data**[**'UserId'**];**

**if(**checkUserId**(**$userId**)){**

$output **=** retour**(**"y"**);**

**}else{**

$output **=** retour**(**"n"**);**

**}**

**echo** $output**;**

logging**(**basename**(**$\_SERVER**[**'PHP\_SELF'**]),**$output**,** $userId**);**

*?>*

## /api/includes

### checkJobId.php

*<?php*

**function** checkJobId**(**$jobId**){**

*//Alles wat nodig is require\_once*

**require\_once(**"log.php"**);**

**require\_once(**dirname**(\_\_FILE\_\_).**"/../../php/start.php"**);**

$conn **=** db**();**

*//Functie parameteres doorgooien naar JSON voor in DB*

$params **=** **array(**'jobId' **=>** $jobId**);**

$params **=** json\_encode**(**$params**);**

**if(empty(**$jobId**)){**

**return** **false;**

**}** **else** **{**

**try** **{**

$checkStmt **=** $conn**->**prepare**(**"SELECT \* FROM jobs WHERE ID = ?"**);**

$checkStmt**->**execute**(array(**$jobId**));**

**}**

*//Wanneer er een error komt met de query, komt dit in de erroLogging tabel dmv de functie errorLogging in log.php*

**catch(**PDOException $e**){**

errorLogging**(**basename**(**$\_SERVER**[**'PHP\_SELF'**]),** $params**,** ""**,** $e**);**

**die;**

**}**

**if(**$checkStmt**->**rowCount**()** **==** **1){**

**return** **true;**

**}** **else{**

**return** **false;**

**}**

**}**

**}**

*?>*

### checkUserId.php

*<?php*

**function** checkUserId**(**$userId**){**

*//Alles wat nodig is require\_once*

**require\_once(**"log.php"**);**

**require\_once(**dirname**(\_\_FILE\_\_).**"/../../php/start.php"**);**

$conn **=** db**();**

**if(empty(**$userId**)){**

**return** **false;**

**}** **else** **{**

**try{**

$checkStmt **=** $conn**->**prepare**(**"SELECT \* FROM users WHERE userId = ?"**);**

$checkStmt**->**execute**(array(**$userId**));**

**}**

*//Wanneer er een error komt met de query, komt dit in de erroLogging tabel dmv de functie errorLogging in log.php*

**catch** **(**PDOException $e**){**

errorLogging**(**basename**(**$\_SERVER**[**'PHP\_SELF'**]),** ""**,** $userId**,** $e**);**

**die();**

**}**

**if(**$checkStmt**->**rowCount**()** **==** **1){**

**return** **true;**

**}** **else{**

**return** **false;**

**}**

**}**

**}**

*?>*

### delClosed.php

*<?php*

**function** delClosed**(**$code**,** $userId**){**

*//Alles wat nodig is require\_once*

**require\_once(**"log.php"**);**

**require\_once(**dirname**(\_\_FILE\_\_).**"/../../php/start.php"**);**

$conn **=** db**();**

$logReturn **=** **false;**

*//Functie parameteres doorgooien naar JSON voor in DB*

$params **=** **array(**'code' **=>** $code**,** 'userId' **=>** $userId**);**

$params **=** json\_encode**(**$params**);**

**try** **{**

$countstmt **=** $conn**->**prepare**(**"SELECT closed FROM products WHERE barcode = ? AND userId = ?"**);**

$countstmt**->**execute**(array(**$code**,** $userId**));**

**}**

*//Wanneer er een error komt met de query, komt dit in de erroLogging tabel dmv de functie errorLogging in log.php*

**catch** **(**PDOException $e**){**

errorLogging**(**basename**(**$\_SERVER**[**'PHP\_SELF'**]),** $params**,** $userId**,** $e**);**

**die();**

**}**

$ding **=** $countstmt**->**fetch**();**

$closed **=** $ding**[**'closed'**];**

**if(**$closed **>** **0)** **{**

*//Doe -1 bij closed product*

$delstmt **=** $conn**->**prepare**(**"UPDATE products SET closed = closed - 1 WHERE barcode = ? AND userId = ?"**);**

**}** **else** **{**

errorLogging**(**basename**(**$\_SERVER**[**'PHP\_SELF'**]),** $params**,** $userId**,** "Closed = 0 or < 0"**);**

**die();**

**}**

**try{**

$delstmt**->**execute**(array(**$code**,** $userId**));**

**}**

**catch** **(**PDOException $e**){**

errorLogging**(**basename**(**$\_SERVER**[**'PHP\_SELF'**]),** $params**,** $userId**,** $e**);**

**die();**

**}**

$GLOBALS**[**'doLog'**]** **=** "y"**;**

**}**

*?>*

### delItem.php

*<?php*

**function** delItem**(**$code**,** $userId**){**

*//Alles wat nodig is require\_once*

**require\_once(**"log.php"**);**

**require\_once(**dirname**(\_\_FILE\_\_).**"/../../php/start.php"**);**

$conn **=** db**();**

*//Functie parameteres doorgooien naar JSON voor in DB*

$params **=** **array(**'code' **=>** $code**,** 'userId' **=>** $userId**);**

$params **=** json\_encode**(**$params**);**

**try** **{**

$countstmt **=** $conn**->**prepare**(**"SELECT closed, open FROM products WHERE barcode = ? AND userId = ?"**);**

$countstmt**->**execute**(array(**$code**,** $userId**));**

**}**

*//Wanneer er een error komt met de query, komt dit in de erroLogging tabel dmv de functie errorLogging in log.php*

**catch** **(**PDOException $e**){**

errorLogging**(**basename**(**$\_SERVER**[**'PHP\_SELF'**]),** $code**,** $params**,** $e**);**

**die();**

**}**

$ding **=** $countstmt**->**fetch**();**

$closed **=** $ding**[**'closed'**];**

$open **=** $ding**[**'open'**];**

**if** **(**$open **>** **0){**

*//Doe -1 bij open product*

$delstmt **=** $conn**->**prepare**(**"UPDATE products SET open = open - 1 WHERE barcode = ? AND userId = ?"**);**

**}** **else** **{**

**if(**$closed **>** **0)** **{**

*//Doe -1 bij closed product*

$delstmt **=** $conn**->**prepare**(**"UPDATE products SET closed = closed - 1 WHERE barcode = ? AND userId = ?"**);**

**}** **else** **{**

errorLogging**(**basename**(**$\_SERVER**[**'PHP\_SELF'**]),** $params**,** $userId**,** "Closed = 0 or < 0"**);**

**die();**

**}**

**}**

**try** **{**

$delstmt**->**execute**(array(**$code**,** $userId**));**

**}**

**catch** **(**PDOException $e**){**

errorLogging**(**basename**(**$\_SERVER**[**'PHP\_SELF'**]),** $params**,** $userId**,** $e**);**

**die();**

**}**

$GLOBALS**[**'doLog'**]** **=** "y"**;**

**}**

*?>*

### delOpen.php

*<?php*

**function** delOpen**(**$code**,** $userId**){**

*//Alles wat nodig is require\_once*

**require\_once(**"log.php"**);**

**require\_once(**dirname**(\_\_FILE\_\_).**"/../../php/start.php"**);**

$conn **=** db**();**

*//Functie parameteres doorgooien naar JSON voor in DB*

$params **=** **array(**'code' **=>** $code**,** 'userId' **=>** $userId**);**

$params **=** json\_encode**(**$params**);**

**try{**

$countstmt **=** $conn**->**prepare**(**"SELECT open FROM products WHERE barcode = ? AND userId = ?"**);**

$countstmt**->**execute**(array(**$code**,** $userId**));**

**}**

*//Wanneer er een error komt met de query, komt dit in de erroLogging tabel dmv de functie errorLogging in log.php*

**catch** **(**PDOException $e**){**

errorLogging**(**basename**(**$\_SERVER**[**'PHP\_SELF'**]),** $params**,** $userId**,** $e**);**

**die();**

**}**

$ding **=** $countstmt**->**fetch**();**

$open **=** $ding**[**'open'**];**

**if** **(**$open **>** **0){**

*//Doe -1 bij open product*

$delstmt **=** $conn**->**prepare**(**"UPDATE products SET open = open - 1 WHERE barcode = ? AND userId = ?"**);**

**}** **else** **{**

errorLogging**(**basename**(**$\_SERVER**[**'PHP\_SELF'**]),** $params**,** $userId**,** "Open = 0 or < 0"**);**

**die();**

**}**

**try{**

$delstmt**->**execute**(array(**$code**,** $userId**));**

**}**

**catch** **(**PDOException $e**){**

errorLogging**(**basename**(**$\_SERVER**[**'PHP\_SELF'**]),** $params**,** $userId**,** $e**);**

**die();**

**}**

$GLOBALS**[**'doLog'**]** **=** "y"**;**

**}**

*?>*

### getItem.php

*<?php*

**function** getTags**(**$code**){**

$tags **=** get\_meta\_tags**(**'http://www.jumbo.com/zoeken?SearchTerm=' **.** $code**);**

$desc **=** $tags**[**'description'**];**

**return** $desc**;**

**}**

*?>*

### log.php

*<?php*

**function** errorLogging**(**$script**,** $params**,** $userId**,** $e**){**

**require\_once(**dirname**(\_\_FILE\_\_).**"/../../php/start.php"**);**

*//Functie parameteres doorgooien naar JSON voor in DB*

$params **=** json\_encode**(array(**'script' **=>** $script**,** 'params' **=>** $params**,** '$userId' **=>** $userId**));**

*//Functie parameteres doorgooien naar JSON voor in error return*

$error **=** json\_encode**(array(**'script' **=>** $script**,** 'params' **=>** $params**,** 'userId' **=>** $userId**,** 'error' **=>** $e**));**

$conn **=** db**();**

**try{**

$logstmt **=** $conn**->**prepare**(**"INSERT INTO errorLogging (time, script, params, userId, error) VALUES (?,?,?,?,?)"**);**

$logstmt**->**execute**(array(**date**(**'Y-m-d H:i:s'**),**$script**,**$params**,**$userId**,**$e**));**

**}**

*//Hier niet errorLogging want anders oneindige loop*

**catch** **(**PDOException $e**){**

**die** **(**"An error occured during error logging:S $e"**);**

**}**

$arr **=** **array(**'error' **=>** $e**);**

**echo** json\_encode**(**$arr**);**

**}**

**function** logging**(**$script**,** $params**,** $userId**){**

*//Alles wat nodig is require\_once*

**require\_once(**dirname**(\_\_FILE\_\_).**"/../../php/start.php"**);**

$conn **=** db**();**

**try{**

$logstmt **=** $conn**->**prepare**(**"INSERT INTO logging (time, script, params, userId) VALUES (?,?,?,?)"**);**

$logstmt**->**execute**(array(**date**(**'Y-m-d H:i:s'**),**$script**,**$params**,**$userId**));**

**}**

**catch(**PDOException $e**){**

*//errorLogging(basename($\_SERVER['PHP\_SELF']), $params, $userId, $e);*

**die** **(**"You have an error $e"**);**

**}**

**}**

*?>*

### newItem.php

*<?php*

**function** addItem**(**$code**,** $userId**){**

*//Alles wat nodig is require\_once*

**require\_once(**"log.php"**);**

**require\_once(**dirname**(\_\_FILE\_\_).**"/../../php/start.php"**);**

**require\_once(**dirname**(\_\_FILE\_\_).**"/getItem.php"**);**

$conn **=** db**();**

*//Functie parameteres doorgooien naar JSON voor in DB*

$params **=** **array(**'code' **=>** $code**,** 'userId' **=>** $userId**);**

$params **=** json\_encode**(**$params**);**

*//Check of product al bestaat*

**try{**

$checkstmt **=** $conn**->**prepare**(**"SELECT barcode FROM products WHERE barcode = ? AND userId = ?"**);**

$checkstmt**->**execute**(array(**$code**,** $userId**));** $checkstmt **=** $conn**->**prepare**(**"SELECT barcode FROM products WHERE barcode = ? AND userId = ?"**);**

$checkstmt**->**execute**(array(**$code**,** $userId**));**

**}**

*//Wanneer er een error komt met de query, komt dit in de erroLogging tabel dmv de functie errorLogging in log.php*

**catch** **(**PDOException $e**){**

errorLogging**(**basename**(**$\_SERVER**[**'PHP\_SELF'**]),** $params**,** $userId**,** $e**);**

**die();**

**}**

**if(**$checkstmt**->**rowCount**()** **>** **0){**

*//Doe +1 bij aantal van product*

**try{**

$upstmt **=** $conn**->**prepare**(**"UPDATE products SET closed = closed + 1 WHERE barcode = ? AND userID = ?"**);**

$upstmt**->**execute**(array(**$code**,** $userId**));**

**}**

**catch** **(**PDOException $e**){**

errorLogging**(**basename**(**$\_SERVER**[**'PHP\_SELF'**]),** $params**,** $userId**,** $e**);**

**die();**

**}**

**}** **else** **{**

*//Voeg product toe*

$desc **=** getTags**(**$code**);**

**try** **{**

$addstmt **=** $conn**->**prepare**(**"INSERT INTO products (barcode, closed, description, userId) VALUES (?,1,?,?)"**);**

$addstmt**->**execute**(array(**$code**,**$desc**,**$userId**));**

**}**

**catch(**PDOException $e**)**

**{**

errorLogging**(**basename**(**$\_SERVER**[**'PHP\_SELF'**]),** $params**,** $userId**,** $e**);**

**die();**

**}**

**}**

$GLOBALS**[**'doLog'**]** **=** "y"**;**

**}**

*?>*

### openItem.php

*<?php*

**function** openItem**(**$code**,** $userId**){**

*//Alles wat nodig is require\_once*

**require\_once(**"log.php"**);**

**require\_once(**dirname**(\_\_FILE\_\_).**"/../../php/start.php"**);**

$conn **=** db**();**

*//Functie parameteres doorgooien naar JSON voor in DB*

$params **=** **array(**'code' **=>** $code**,** 'userId' **=>** $userId**);**

$params **=** json\_encode**(**$params**);**

**try** **{**

$openstmt **=** $conn**->**prepare**(**"UPDATE products SET open = open + 1 WHERE barcode = ? AND userId = ?"**);**

$openstmt**->**execute**(array(**$code**,** $userId**));**

**}**

*//Wanneer er een error komt met de query, komt dit in de erroLogging tabel dmv de functie errorLogging in log.php*

**catch(**PDOException $e**)**

**{**

errorLogging**(**basename**(**$\_SERVER**[**'PHP\_SELF'**]),** $params**,** $userId**,** $e**);**

**die();**

**}**

$GLOBALS**[**'doLog'**]** **=** "y"**;**

**}**

*?>*

## /css

### bootstrap.css

### bootstrap.min.css

### one-page-wonder.css

Deze drie CSS-bestanden hebben we niet gemaakt, alleen gekopieerd en worden alleen gebruikt voor de website, niet de API.

## /custom

Deze bestanden hebben we voor onze installatie gemaakt en zijn niet nodig voor iemand anders die zijn/haar eigen server wilt gebruiken. Met deze bestanden maken we een userId en genereren we een printopdracht.

### generate.php

*<?php*

ini\_set**(**'display\_errors'**,** **1);**

ini\_set**(**'display\_startup\_errors'**,** **1);**

error\_reporting**(E\_ALL);**

**require\_once(**"../php/start.php"**);**

$emailadres**=** $\_POST**[**'Email'**];**

**function** retour**(**$error**,** $errormessage**,** $url**){**

$json **=** **array(**"Error"**=>**$error**,** "ErrorMessage"**=>**$errormessage**,** "Url"**=>**$url**);**

**echo** json\_encode**(**$json**);**

**}**

**if** **(empty(**$emailadres**)** **||** **!**isset**(**$emailadres**)** **)** **{**

retour**(True,**"Voer alle invoervelden in!"**,** ""**);**

**die();**

**}**

**if(!**filter\_var**(**$emailadres**,** FILTER\_VALIDATE\_EMAIL**)){**

retour**(True,** "Dit is geen emailadres."**,** ""**);**

**die();**

**}**

**try** **{**

$conn **=** db**();**

$checkstmt **=** $conn**->**prepare**(**"SELECT \* FROM users WHERE email = (?)"**);**

$checkstmt**->**execute**(array(**$emailadres**));**

**if(**$checkstmt**->**fetch**()){**

retour**(True,** "This email is already used."**,** ""**);**

**die();**

**}**

$userId **=** uniqid**();**

$addstmt **=** $conn**->**prepare**(**"INSERT INTO users (userId, email) VALUES (?,?)"**);**

$addstmt**->**execute**(array(**$userId**,**$emailadres**));**

*//emailFunctie();*

retour**(False,** $userId**,** ""**);**

**}**

**catch(**PDOException $e**)**

**{**

retour**(True,** $e**,** ""**);**

**}**

**function** emailFunctie**(){**

$emailadres**=** $\_POST**[**'Email'**];**

*//TODO: Stuur email.*

**require** "PHPMailer/PHPMailerAutoload.php"**;**

$mail **=** **new** PHPMailer**;**

$mail**->**Host **=** ''**;**

$mail**->**SMTPAuth **=** **true;**

$mail**->**Username **=** ''**;**

$mail**->**Password **=** ''**;**

$mail**->**SMTPSecure **=** 'tls'**;**

$mail**->**Port **=** **587;**

$mail**->**setFrom**(**""**,** "Smart Fridge"**);**

$mail**->**addAddress**(**$emailadres**);**

$mail**->**isHTML**(true);**

$mail**->**Subject **=** "Smartfridge UserId"**;**

$mail**->**Body **=** ""**;**

$mail**->**AltBody **=**""**;**

**if(!**$mail**->**send**()){**

retour**(False,**"Mail error, send a message to ..."**,** ""**);**

**die();**

**}**

**}**

*?>*

### printtext.php

*<?php*

**require\_once(**"../php/start.php"**);**

**if(!**isset**(**$\_POST**[**"Text"**])){**

**echo** "please don't try to hack my server!!!!"**;**

**die();**

**}**

$conn **=** db**();**

**try** **{**

$addstmt **=** $conn**->**prepare**(**"INSERT INTO jobs (userId, type,text, status) VALUES (?,'text',?,'new')"**);**

$addstmt**->**execute**(array(**$masteruserId**,**$\_POST**[**"Text"**]));**

**}**

**catch(**PDOException $e**)**

**{**

**echo** "n"**;**

**echo** $e**;**

**}**

**echo** "y"**;**

## /img

Alle foto’s die we op de website laten zien.

## /js

Boostrap en jQuery die we gebruiken voor onze website(hoofdpagina)

## /php

### db.php

*<?php*

**function** connectDB**(){**

**include(**"settings.php"**);**

**try** **{**

$conn **=** **new** PDO**(**"mysql:host=$servername;dbname="**.**$dbname**,** $username**,** $password**);**

*// set the PDO error mode to exception*

$conn**->**setAttribute**(**PDO**::**ATTR\_ERRMODE**,** PDO**::**ERRMODE\_EXCEPTION**);**

**}**

**catch(**PDOException $e**)**

**{**

**echo** $e**;**

**echo** "je fukking db functie doet het niet kut!"**;**

**die();**

**}**

**return** $conn**;**

**}**

*?>*

### settings.php

*<?php*

$servername **=** ""**;**

$username **=** ""**;**

$password **=** ""**;**

$dbname **=** ""**;**

$masteruserId **=** ""**;**

*?>*

### start.php

*<?php*

$DEBUG**=false;**

**if(**$DEBUG**){**

ini\_set**(**'display\_errors'**,** **1);**

ini\_set**(**'display\_startup\_errors'**,** **1);**

error\_reporting**(E\_ALL);**

**}**

**require\_once(**dirname**(\_\_FILE\_\_).**"/settings.php"**);**

**require\_once(**dirname**(\_\_FILE\_\_).**"/db.php"**);**

**function** db**(){return** connectDB**();}**

*?>*

# App

## Manifest

Het manifest is een XML-bestand waarin staat wat de permissies zijn en welke activiteiten er zijn(fragmenten uitgesloten). Een aantal permissies ‘vragen’ we wel aan, maar gebruiken we nog niet, zoals C2D\_MESSAGE. Deze permissie wordt gebruikt voor notificaties, maar daar zijn we nog niet aan toegekomen.

*<?***xml version="1.0" encoding="utf-8"***?>*<**manifest xmlns:android="http://schemas.android.com/apk/res/android"  
 package="com.svshizzle.pws.smartfridge"**>  
 <**uses-permission android:name="android.permission.RECEIVE\_BOOT\_COMPLETED"**/>  
 <**uses-permission android:name="android.permission.INTERNET"** />  
 <**uses-permission android:name="android.permission.WAKE\_LOCK"** />  
 <**uses-permission android:name="com.google.android.c2dm.permission.RECEIVE"** />  
 <**uses-permission android:name="android.permission.GET\_ACCOUNTS"**/>  
 <**uses-permission android:name="android.permission.ACCESS\_NETWORK\_STATE"** />  
  
 <**permission  
 android:name="com.svshizzle.pws.smartfridge.permission.C2D\_MESSAGE"  
 android:protectionLevel="signature"** />  
 <**uses-permission  
 android:name="com.svshizzle.pws.smartfridge.permission.C2D\_MESSAGE"** />  
 <**application  
 android:allowBackup="true"  
 android:icon="@mipmap/ic\_launcher"  
 android:label="@string/app\_name"  
 android:supportsRtl="true"  
 android:theme="@style/MyMaterialTheme"**>  
 <**activity  
 android:name=".activity.MainActivity"  
 android:label="@string/app\_name"**>  
 <**intent-filter**>  
 <**action android:name="android.intent.action.MAIN"** />  
  
 <**category android:name="android.intent.category.LAUNCHER"** />  
 </**intent-filter**>  
 </**activity**>  
 <**activity  
 android:theme="@style/MyMaterialTheme"  
 android:name=".activity.Login"  
 android:label="@string/title\_activity\_login"**>  
  
 </**activity**>  
 </**application**>  
  
</**manifest**>

## Java

De Javacode zit in afzonderlijke pakketten, zodat het overzichtelijker is om dingen te vinden, maar ook om te kopiëren. Je kan een package zien als een folder.

### activity

In deze package zitten alle activiteiten en fragmenten en ook een dialoog.

#### MainActivity.java

**package** com.svshizzle.pws.smartfridge.activity;  
  
**import** android.app.\*;  
**import** android.content.Intent;  
  
**import** android.os.Bundle;  
**import** android.support.v4.widget.DrawerLayout;  
**import** android.support.v7.app.ActionBarActivity;  
**import** android.support.v7.widget.Toolbar;  
**import** android.util.Log;  
**import** android.view.View;  
  
**import** com.svshizzle.pws.smartfridge.R;  
**import** com.svshizzle.pws.smartfridge.api.Smartfridge;  
  
  
**public class** MainActivity **extends** ActionBarActivity **implements** FragmentDrawer.FragmentDrawerListener {  
  
  
  
 **private** Toolbar **mToolbar**;  
 **private** FragmentDrawer **drawerFragment**;  
 **private** Fragment **fragment**;  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 loginCheck();  
 setContentView(R.layout.***activity\_main***);  
  
  
 **mToolbar** = (Toolbar) findViewById(R.id.***toolbar***);  
  
 setSupportActionBar(**mToolbar**);  
 getSupportActionBar().setDisplayShowHomeEnabled(**true**);  
  
 **drawerFragment** = (FragmentDrawer)  
 getSupportFragmentManager().findFragmentById(R.id.***fragment\_navigation\_drawer***);  
 **drawerFragment**.setUp(R.id.***fragment\_navigation\_drawer***, (DrawerLayout) findViewById(R.id.***drawer\_layout***), **mToolbar**);  
 **drawerFragment**.setDrawerListener(**this**);  
  
 *// display the first navigation drawer view on app launch* displayView(0);  
 }  
  
  
  
 @Override  
 **public void** onDrawerItemSelected(View view, **int** position) {  
 displayView(position);  
 }  
  
 **private void** displayView(**int** position) {  
  
 String title = getString(R.string.***app\_name***);  
 **switch** (position) {  
 **case** 0:  
 **fragment** = **new** HomeFragment();  
 title = getString(R.string.***title\_home***);  
 **break**;  
 **case** 1:  
 **fragment** = **new** JobFragment();  
 title = getString(R.string.***title\_jobs***);  
 **break**;  
 **case** 2:  
 **fragment** = **new** LogFragment();  
 title = getString(R.string.***title\_log***);  
 **break**;  
 **case** 3:  
 **fragment** = **new** ListFragment();  
 title = getString(R.string.***title\_list***);  
 **break**;  
  
 **default**:  
 **fragment** = **new** HomeFragment();  
 title = getString(R.string.***title\_home***);  
 **break**;  
 }  
 Log.*d*(**"dit is main"**, title);  
  
 **if** (**fragment** != **null**) {  
  
 FragmentTransaction fragmentTransaction = getFragmentManager().beginTransaction();  
 fragmentTransaction.replace(R.id.***container\_body***, **fragment**);  
 fragmentTransaction.commit();  
  
 *// set the toolbar title* getSupportActionBar().setTitle(title);  
 }  
 }  
 @Override  
 **protected void** onActivityResult(**int** requestCode, **int** resultCode, Intent data) {  
  
  
 }  
 **void** loginCheck(){  
 Smartfridge smartfridge = **new** Smartfridge(**this**);  
 **if**(!smartfridge.isSignedin()){  
  
  
 Intent intent = **new** Intent(MainActivity.**this**, Login.**class**);  
 MainActivity.**this**.startActivity(intent);  
 finish();  
 }  
 }  
  
}

#### HomeFragment.java

**package** com.svshizzle.pws.smartfridge.activity;  
  
**import** android.app.Activity;  
**import** android.app.Fragment;  
  
  
**import** android.icu.text.StringPrepParseException;  
**import** android.os.AsyncTask;  
**import** android.os.Bundle;  
  
**import** android.support.v4.widget.SwipeRefreshLayout;  
  
**import** android.util.Log;  
**import** android.view.LayoutInflater;  
**import** android.view.View;  
**import** android.view.ViewGroup;  
**import** android.widget.AdapterView;  
**import** android.widget.CompoundButton;  
**import** android.widget.ListView;  
**import** android.widget.Switch;  
**import** android.widget.TextView;  
**import** android.widget.Toast;  
  
  
**import** com.svshizzle.pws.smartfridge.R;  
**import** com.svshizzle.pws.smartfridge.adapter.HomeListAdapter;  
**import** com.svshizzle.pws.smartfridge.api.Smartfridge;  
**import** com.svshizzle.pws.smartfridge.api.SmartfridgeSave;  
**import** com.svshizzle.pws.smartfridge.model.Item;  
  
**import** com.svshizzle.pws.smartfridge.model.LogItem;  
**import** com.svshizzle.pws.smartfridge.request.RequestClassPost;  
**import** com.svshizzle.pws.smartfridge.request.RequestReturn;  
  
**import** org.json.JSONArray;  
**import** org.json.JSONException;  
**import** org.json.JSONObject;  
  
**import** java.text.ParseException;  
**import** java.text.SimpleDateFormat;  
**import** java.util.ArrayList;  
**import** java.util.Date;  
**import** java.util.concurrent.TimeUnit;  
  
**public class** HomeFragment **extends** Fragment {  
  
 Activity **activity**;  
 ListView **listView**;  
 HomeListAdapter **adapter**;  
 **private** SwipeRefreshLayout **swipeRefreshLayout**;  
 **private** Switch **aSwitch**;  
 **private** View **view**;  
 **public** HomeFragment() {  
  
 }  
  
 @Override  
 **public void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
  
 }  
  
 @Override  
 **public** View onCreateView(LayoutInflater inflater, ViewGroup container,  
 Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 View rootView = inflater.inflate(R.layout.***activity\_home\_fragment***, container, **false**);  
 **view** = rootView;  
  
 **activity** = getActivity();  
 Log.*d*(**"wtf"**, **"is aan de hand"**);  
 **new** AsyncTask<Void, Void, Void>(){  
 @Override  
 **protected** Void doInBackground(Void... voids) {  
  
 **return null**;  
 }  
  
 @Override  
 **protected void** onPostExecute(Void aVoid) {  
 Log.*d*(**"hier gebeurt iets"**, **"maar wat"**);  
 createSwipeRefresh(**activity**);  
 createSwitch(**activity**);  
 requestList(**false**);  
 checkActive();  
 createActive(SmartfridgeSave.*getActiveBackup*(**activity**));  
 Smartfridge smartfridge = **new** Smartfridge(getActivity());  
 Log.*d*(**"dit"**, **"moet wel gebeuren"**);  
  
 **try** {  
  
 Log.*d*(**"what"**, **"moet gebeuren"**);  
 ArrayList<Item> arrayList = smartfridge.processContains(SmartfridgeSave.*getContainsBackup*(getActivity()));  
 Log.*d*(**"get"**, **"createlist"**);  
 createList(arrayList);  
 Log.*d*(**"einde"**, **"van verhaal"**);  
 }**catch** (JSONException e){  
 Log.*d*(**"exception"**, e.getLocalizedMessage());  
 Log.*d*(**"Exception"**, **"inception"**);  
 }**catch** (Exception e){  
 Log.*d*(**"kut"**, e.getLocalizedMessage());  
 Log.*d*(**"Exception"**, **"inception2"**);  
 }  
  
 }  
  
 }.execute();  
  
 **return** rootView;  
 }  
  
  
  
  
 @Override  
 **public void** onAttach(Activity activity) {  
 **super**.onAttach(activity);  
 }  
  
 @Override  
 **public void** onDetach() {  
 **super**.onDetach();  
 }  
  
 **void** requestList(**boolean** swit){  
 Log.*d*(**"request"**, **"start"**);  
**swipeRefreshLayout**.setRefreshing(**true**);  
 Smartfridge smartfridge = **new** Smartfridge(getActivity()){  
  
 @Override  
 **public void** containsDone(ArrayList<Item> items) {  
  
 createList(items);  
 }  
  
 @Override  
 **public void** containsError(String e) {  
  
 Log.*d*(**"ebola"**, e);  
 **if**(**swipeRefreshLayout**== **null**){**return**;}  
 **swipeRefreshLayout**.setRefreshing(**false**);  
  
 Toast.*makeText*(getActivity(), **"Oops, refreshing failed. Errormessage:"**+e, Toast.***LENGTH\_LONG***).show();  
 *//Shit, vincent did something wrong.* }  
 };  
 **if**(!smartfridge.isSignedin()){  
 Log.*d*(**"not"**, **"signedin"**);  
 }  
 Log.*d*(**"uid"**, smartfridge.getUserid());  
 String sort = **"opened+closed"**;  
 **if**(swit ){  
 sort = **"everything"**;  
 }  
 smartfridge.contains(sort);  
  
  
  
  
  
 }  
 **void** createList(ArrayList<Item> items){  
 **final** ArrayList<Item> itemArrayList = **new** ArrayList<>();  
 Log.*d*(**"dit"**, **"is eets"**);  
 **for**(**int** x = 0;x<items.size();x++){  
 itemArrayList.add(items.get(x));  
 }  
 createSwipeRefresh(**activity**);  
 **listView** = (ListView)**activity**.findViewById(R.id.***homeListView***);  
 **if**(**listView**==**null** || **swipeRefreshLayout**==**null**){  
 Log.*d*(**"kukut"**, **"null"**);  
 **return**;  
 }  
  
 **adapter** = **new** HomeListAdapter(**activity**, itemArrayList);  
 **listView**.setAdapter(**adapter**);  
 **listView**.setOnItemClickListener(**new** AdapterView.OnItemClickListener(){  
 @Override  
 **public void** onItemClick(AdapterView<?> adapterView, View view, **int** i, **long** l) {  
 Item item = itemArrayList.get(i);  
 ItemDialog dialog = **new** ItemDialog(getActivity(), item);  
 dialog.show();  
 }  
 });  
 **swipeRefreshLayout**.setRefreshing(**false**);  
 Log.*d*(**"createlist"**, **"end"**);  
 }  
  
 **void** createSwipeRefresh(Activity rootView) {  
  
  
  
  
 **swipeRefreshLayout** = (SwipeRefreshLayout) rootView.findViewById(R.id.***homeScrollView***);  
 **swipeRefreshLayout**.setOnRefreshListener(**new** SwipeRefreshLayout.OnRefreshListener() {  
 @Override  
 **public void** onRefresh() {  
 requestList(**aSwitch**.isChecked());  
 checkActive();  
 }  
 });  
  
  
  
 }  
  
 **void** checkActive(){  
  
 Smartfridge smartfridge = **new** Smartfridge(getActivity()){  
 @Override  
 **public void** getActiveDone(String output) {  
 createActive(output);  
 }  
  
 @Override  
 **public void** getActiveError(String error) {  
 Toast.*makeText*(getActivity(), **"Oops, getAcitive error:"**+error, Toast.***LENGTH\_LONG***).show();  
 }  
 };  
 smartfridge.getActive();  
 }  
 **void** createSwitch(Activity activity){  
 **aSwitch** = (Switch) activity.findViewById(R.id.***homeSwitch***);  
 **aSwitch**.setChecked(**false**);  
 **aSwitch**.setOnCheckedChangeListener(**new** CompoundButton.OnCheckedChangeListener() {  
 **public void** onCheckedChanged(CompoundButton buttonView, **boolean** isChecked) {  
 *// do something, the isChecked will be* requestList(isChecked);  
 *// true if the switch is in the On position* }  
 });  
 }  
  
 **void** createActive(String output) {  
 Log.*d*(**"what"**, output);  
 Log.*d*(**"What is"**, **"mos"**);  
 **try** {  
  
  
 TextView textView = (TextView) getActivity().findViewById(R.id.***homeActiveTextView***);  
 SimpleDateFormat sdf = **new** SimpleDateFormat(**"yyyy-MM-dd HH:mm:ss"**);  
 String currentDateandTime = sdf.format(**new** Date());  
 JSONObject object = **new** JSONObject(output);  
  
 SimpleDateFormat format = **new** SimpleDateFormat(**"yyyy-MM-dd HH:mm:ss"**);  
 Date date1 = format.parse(object.getString(**"Time"**));  
 Date date2 = format.parse(currentDateandTime);  
 Log.*d*(**"tijd`1"**, date1.toString());  
 Log.*d*(**"Tijd2"**, date2.toString());  
 **long** millis = date2.getTime() - date1.getTime();  
 String hms = String.*format*(**"%02d:%02d:%02d"**, TimeUnit.***MILLISECONDS***.toHours(millis),  
 TimeUnit.***MILLISECONDS***.toMinutes(millis) - TimeUnit.***HOURS***.toMinutes(TimeUnit.***MILLISECONDS***.toHours(millis)),  
 TimeUnit.***MILLISECONDS***.toSeconds(millis) - TimeUnit.***MINUTES***.toSeconds(TimeUnit.***MILLISECONDS***.toMinutes(millis)));  
 System.***out***.println(hms);  
 String text = **"Online! Last seen "** + hms + **" ago."**;  
 **if** (millis > 10 \* 60 \* 1000) {  
 text = **"Down: last seen "** + hms + **" ago."**;  
 }  
 textView.setText(text);  
  
 } **catch** (JSONException e) {  
 *//Fuck* Log.*d*(**"oops"**, e.getLocalizedMessage());  
 } **catch** (ParseException e) {  
 Log.*d*(**"lelele"**, e.getLocalizedMessage());  
 }**catch** (Exception e){  
 Log.*d*(**"eets"**, e.getLocalizedMessage());  
 }  
  
 }  
  
  
}

#### JobFragment.java

**package** com.svshizzle.pws.smartfridge.activity;  
  
**import** android.app.Activity;  
**import** android.app.Fragment;  
**import** android.app.ProgressDialog;  
**import** android.os.Bundle;  
**import** android.util.Log;  
**import** android.view.LayoutInflater;  
**import** android.view.View;  
**import** android.view.ViewGroup;  
**import** android.widget.Button;  
**import** android.widget.EditText;  
**import** android.widget.Toast;  
  
**import** com.svshizzle.pws.smartfridge.R;  
**import** com.svshizzle.pws.smartfridge.api.Smartfridge;  
  
**public class** JobFragment **extends** Fragment **implements** android.view.View.OnClickListener {  
 **private int barcodeCounter** = 0;  
 **private** ProgressDialog **dialog**;  
 **public** JobFragment() {  
  
 }  
  
 @Override  
 **public void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
  
 }  
  
 @Override  
 **public** View onCreateView(LayoutInflater inflater, ViewGroup container,  
 Bundle savedInstanceState) {  
 View rootView = inflater.inflate(R.layout.***activity\_job\_fragment***, container, **false**);  
 Button restartButton = (Button) rootView.findViewById(R.id.***jobs\_restart\_button***);  
 Button shutdownButton = (Button) rootView.findViewById(R.id.***jobs\_shutdown\_button***);  
 Button printButton = (Button) rootView.findViewById(R.id.***jobs\_print\_button***);  
 Button barcodeButton = (Button) rootView.findViewById(R.id.***jobs\_barcode\_button***);  
 restartButton.setOnClickListener(**this**);  
 shutdownButton.setOnClickListener(**this**);  
 printButton.setOnClickListener(**this**);  
 barcodeButton.setOnClickListener(**this**);  
  
  
 **return** rootView;  
 }  
  
  
  
  
 @Override  
 **public void** onAttach(Activity activity) {  
 **super**.onAttach(activity);  
 }  
  
 @Override  
 **public void** onDetach() {  
 **super**.onDetach();  
 }  
  
 @Override  
 **public void** onClick(View v) {  
 **switch** (v.getId()) {  
 **case** R.id.***jobs\_print\_button***:  
 print();  
 **break**;  
 **case** R.id.***jobs\_restart\_button***:  
 restart();  
 **break**;  
 **case** R.id.***jobs\_shutdown\_button***:  
 shutdown();  
 **break**;  
 **case** R.id.***jobs\_barcode\_button***:  
 barcode();  
 **break**;  
  
 **default**:  
 Log.*d*(**"oops"**, **"default is not ok"**);  
 **break**;  
 }  
  
 }  
  
 **public void** print(){  
 **dialog** = **new** ProgressDialog(getActivity());  
 **dialog**.setProgressStyle(ProgressDialog.***STYLE\_SPINNER***);  
 **dialog**.setMessage(**"Sending the printjob to the server..."**);  
 **dialog**.setIndeterminate(**true**);  
 **dialog**.setCancelable(**false**);  
 **dialog**.show();  
 EditText editText = (EditText) getActivity().findViewById(R.id.***jobs\_print\_editText***);  
 String text = editText.getText().toString();  
 Smartfridge smartfridge = **new** Smartfridge(getActivity()){  
 @Override  
 **public void** printJobDone() {  
 Toast.*makeText*(getActivity(), getString(R.string.***jobs\_print\_text\_done***), Toast.***LENGTH\_LONG***).show();  
 **dialog**.dismiss();  
 }  
  
 @Override  
 **public void** printJobError(String e) {  
 Log.*d*(**"printjoberror"**, e);  
 **dialog**.dismiss();  
 Toast.*makeText*(getActivity(), **"Oops, something went wrong. Errormessage:"**+e, Toast.***LENGTH\_LONG***).show();  
 }  
 };  
 smartfridge.printJob(text);  
 }  
  
 **public void** shutdown(){  
 **dialog** = **new** ProgressDialog(getActivity());  
 **dialog**.setProgressStyle(ProgressDialog.***STYLE\_SPINNER***);  
 **dialog**.setMessage(**"Sending the shutdown command to the server..."**);  
 **dialog**.setIndeterminate(**true**);  
 **dialog**.setCancelable(**false**);  
 **dialog**.show();  
 Smartfridge smartfridge = **new** Smartfridge(getActivity()){  
 @Override  
 **public void** shutdownDone() {  
 Toast.*makeText*(getActivity(), getString(R.string.***jobs\_shutdown\_text\_done***), Toast.***LENGTH\_LONG***).show();  
 **dialog**.dismiss();  
 }  
  
 @Override  
 **public void** shutdownError(String e) {  
 Log.*d*(**"shutdownerror"**,e);  
 **dialog**.dismiss();  
 Toast.*makeText*(getActivity(), **"Oops, something went wrong. Errormessage:"**+e, Toast.***LENGTH\_LONG***).show();  
 }  
 };  
 smartfridge.shutdown();  
 }  
  
 **public void** restart(){  
 **dialog** = **new** ProgressDialog(getActivity());  
 **dialog**.setProgressStyle(ProgressDialog.***STYLE\_SPINNER***);  
 **dialog**.setMessage(**"Sending the restart command to the server..."**);  
 **dialog**.setIndeterminate(**true**);  
 **dialog**.setCancelable(**false**);  
 **dialog**.show();  
 Smartfridge smartfridge = **new** Smartfridge(getActivity()){  
 @Override  
 **public void** restartDone() {  
 Toast.*makeText*(getActivity(), getString(R.string.***jobs\_restart\_text\_done***), Toast.***LENGTH\_LONG***).show();  
 **dialog**.dismiss();  
 }  
  
 @Override  
 **public void** restartError(String e) {  
 Log.*d*(**"restarterror"**, e);  
 **dialog**.dismiss();  
 Toast.*makeText*(getActivity(), **"Oops, something went wrong. Errormessage:"**+e, Toast.***LENGTH\_LONG***).show();  
 }  
 };  
 smartfridge.restart();  
 }  
 **private boolean** getBarcodeInt(){  
 **barcodeCounter**++;  
 **return barcodeCounter**!=2;  
  
 }  
 **public void** barcode(){  
 **dialog** = **new** ProgressDialog(getActivity());  
 **dialog**.setProgressStyle(ProgressDialog.***STYLE\_SPINNER***);  
 **dialog**.setMessage(**"Thinking of a barcode..."**);  
 **dialog**.setIndeterminate(**true**);  
 **dialog**.setCancelable(**false**);  
 **dialog**.show();  
  
 **final** Smartfridge smartfridge = **new** Smartfridge(getActivity()){  
 @Override  
 **public void** barcodeDone() {  
  
 **if**(getBarcodeInt()){  
 **dialog**.setMessage(**"Barcode job done. Adding item to database..."**);  
 }**else**{  
 **dialog**.dismiss();  
 }  
 Toast.*makeText*(getActivity(), getString(R.string.***jobs\_barcode\_text\_done***), Toast.***LENGTH\_LONG***).show();  
 }  
  
 @Override  
 **public void** barcodeError(String e) {  
 **if**(getBarcodeInt()){  
 **dialog**.setMessage(**"Barcode job had an error: "**+e + **". Adding item to database..."**);  
 }**else**{  
 **dialog**.dismiss();  
 }  
 Log.*d*(**"barcodeerror"**, e);  
  
 }  
  
 @Override  
 **public void** createItemDone() {  
 **if**(getBarcodeInt()){  
 **dialog**.setMessage(**"Item added to database. Still working on the barcode job..."**);  
 }**else**{  
 **dialog**.dismiss();  
 }  
 Toast.*makeText*(getActivity(), getString(R.string.***jobs\_barcode\_text\_create\_done***), Toast.***LENGTH\_LONG***).show();  
 }  
  
 @Override  
 **public void** createItemError(String e) {*//****TODO:fix als geen internet heeft en beide tegelijkertijd de getbarcodeint hebben opgevraagd, waardoor dialog blijft staan....*** Log.*d*(**"createError"**, e);  
 **if**(getBarcodeInt()){  
 **dialog**.setMessage(**"Barcode job error:"**+e+**". Adding item to database..."**);  
 }**else**{  
 **dialog**.dismiss();  
 }  
 }  
 };  
  
 EditText editText = (EditText) getActivity().findViewById(R.id.***jobs\_barcode\_edittext***);  
 String title = editText.getText().toString();  
 String barcode = smartfridge.createBarcode();  
 **dialog**.setMessage(**"Sending a request to the server to print and a request to add the item to the database..."**);  
 Toast.*makeText*(getActivity(), barcode, Toast.***LENGTH\_LONG***).show();  
 Log.*d*(**"barcode"**, barcode);  
 smartfridge.barcode(barcode);  
 smartfridge.createItem(barcode, title);  
 }  
  
  
}

#### LogFragment.java

**package** com.svshizzle.pws.smartfridge.activity;  
  
**import** android.app.Activity;  
**import** android.app.Fragment;  
**import** android.os.AsyncTask;  
**import** android.os.Bundle;  
**import** android.support.v4.widget.SwipeRefreshLayout;  
**import** android.util.Log;  
**import** android.view.LayoutInflater;  
**import** android.view.View;  
**import** android.view.ViewGroup;  
**import** android.widget.AdapterView;  
**import** android.widget.ListView;  
**import** android.widget.Toast;  
  
**import** com.svshizzle.pws.smartfridge.R;  
**import** com.svshizzle.pws.smartfridge.adapter.HomeListAdapter;  
**import** com.svshizzle.pws.smartfridge.adapter.LogListAdapter;  
**import** com.svshizzle.pws.smartfridge.api.Smartfridge;  
**import** com.svshizzle.pws.smartfridge.api.SmartfridgeSave;  
**import** com.svshizzle.pws.smartfridge.model.Item;  
**import** com.svshizzle.pws.smartfridge.model.LogItem;  
  
**import** org.json.JSONException;  
  
**import** java.util.ArrayList;  
  
  
**public class** LogFragment **extends** Fragment {  
 ListView **listView**;  
 LogListAdapter **adapter**;  
 Activity **activity**;  
 SwipeRefreshLayout **swipeRefreshLayout**;  
 **public** LogFragment() {  
  
 }  
  
 @Override  
 **public void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
  
 }  
  
 @Override  
 **public** View onCreateView(LayoutInflater inflater, ViewGroup container,  
 Bundle savedInstanceState) {  
  
 View rootView = inflater.inflate(R.layout.***activity\_log\_fragment***, container, **false**);  
 **activity** = getActivity();  
 **new** AsyncTask<Void, Void, Void>(){  
 @Override  
 **protected** Void doInBackground(Void... voids) {  
  
 **return null**;  
 }  
  
 @Override  
 **protected void** onPostExecute(Void aVoid) {  
 **super**.onPostExecute(aVoid);  
 createSwipeRefresh(**activity**);  
 getLog();  
 Smartfridge smartfridge = **new** Smartfridge(getActivity());  
  
 **try** {  
  
  
 ArrayList<LogItem> arrayList = smartfridge.processLog(SmartfridgeSave.*getLogDESCBackup*(getActivity()));  
 createList(arrayList);  
 }**catch** (JSONException e){  
 Log.*d*(**"exception"**, e.getLocalizedMessage());  
 }  
  
  
 }  
 }.execute();  
  
  
  
 **return** rootView;  
 }  
 **private void** createSwipeRefresh(Activity activity){  
 **swipeRefreshLayout** = (SwipeRefreshLayout) activity.findViewById(R.id.***logScrollView***);  
 **swipeRefreshLayout**.setRefreshing(**true**);  
 **swipeRefreshLayout**.setOnRefreshListener(**new** SwipeRefreshLayout.OnRefreshListener() {  
 @Override  
 **public void** onRefresh() {  
 getLog();  
 }  
 });  
 }  
 **private void** getLog(){  
 **if**(**swipeRefreshLayout** == **null**){  
 **return**;  
 }  
 **swipeRefreshLayout**.setRefreshing(**true**);  
  
 Smartfridge smartfridge = **new** Smartfridge(getActivity()){  
 @Override  
 **public void** getLogDone(ArrayList<LogItem> items) {  
createList(items);  
 }  
 @Override  
 **public void** getLogError(String e){  
 **if**(**swipeRefreshLayout**==**null**){  
 **return**;  
 }  
 **swipeRefreshLayout**.setRefreshing(**false**);  
 Toast.*makeText*(getActivity(), **"Oops, refreshing failed. Errormessage:"**+e, Toast.***LENGTH\_LONG***).show();  
 }  
 };  
 smartfridge.getLog();  
 }  
  
  
  
  
 @Override  
 **public void** onAttach(Activity activity) {  
 **super**.onAttach(activity);  
 }  
  
 @Override  
 **public void** onDetach() {  
 **super**.onDetach();  
 }  
  
 **private void** createList(ArrayList<LogItem> items){  
 **final** ArrayList<LogItem> itemArrayList = **new** ArrayList<>();  
  
 Log.*d*(**"dit"**, **"is eets"**);  
 **for**(**int** x = 0;x<items.size();x++){  
 **if**(!items.get(x).getScript().equals(**"contains.php"**)) {  
 itemArrayList.add(items.get(x));  
 }  
 }  
 **listView** = (ListView)**activity**.findViewById(R.id.***logListView***);  
 **if**(**listView** == **null**){  
 **return**;  
 }  
 **adapter** = **new** LogListAdapter(**activity**, itemArrayList);  
 **listView**.setAdapter(**adapter**);  
 **if**(**swipeRefreshLayout** == **null** ){  
 **return**;  
 }  
 **swipeRefreshLayout**.setRefreshing(**false**);  
  
 }  
  
  
  
}

#### ListFragment.java

**package** com.svshizzle.pws.smartfridge.activity;  
  
**import** android.app.Activity;  
**import** android.app.Dialog;  
**import** android.app.Fragment;  
  
  
**import** android.app.LauncherActivity;  
**import** android.app.ProgressDialog;  
**import** android.content.DialogInterface;  
**import** android.os.AsyncTask;  
**import** android.os.Bundle;  
  
**import** android.support.v4.widget.SwipeRefreshLayout;  
  
**import** android.util.Log;  
**import** android.view.LayoutInflater;  
**import** android.view.View;  
**import** android.view.ViewGroup;  
**import** android.widget.Button;  
**import** android.widget.ListView;  
**import** android.widget.Switch;  
**import** android.widget.Toast;  
  
  
**import** com.svshizzle.pws.smartfridge.R;  
**import** com.svshizzle.pws.smartfridge.adapter.HomeListAdapter;  
**import** com.svshizzle.pws.smartfridge.adapter.ListListAdapter;  
**import** com.svshizzle.pws.smartfridge.api.Smartfridge;  
**import** com.svshizzle.pws.smartfridge.api.SmartfridgeSave;  
**import** com.svshizzle.pws.smartfridge.model.Item;  
  
**import** com.svshizzle.pws.smartfridge.model.LogItem;  
**import** com.svshizzle.pws.smartfridge.model.ShoppingListItem;  
**import** com.svshizzle.pws.smartfridge.request.RequestClassPost;  
**import** com.svshizzle.pws.smartfridge.request.RequestReturn;  
  
**import** org.json.JSONArray;  
**import** org.json.JSONException;  
**import** org.json.JSONObject;  
  
**import** java.util.ArrayList;  
**import** java.util.List;  
  
**public class** ListFragment **extends** Fragment {  
 Activity **activity**;  
 ArrayList<ShoppingListItem> **shoppingListItems**;  
 ListListAdapter **adapter**;  
 ProgressDialog **dialog**;  
 SwipeRefreshLayout **swipeRefreshLayout**;  
 **public** ListFragment() {  
  
 }  
  
 @Override  
 **public void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 Log.*d*(**"whut?"**, **"deze heeft eets"**);  
 }  
  
 @Override  
 **public** View onCreateView(LayoutInflater inflater, ViewGroup container,  
 Bundle savedInstanceState) {  
 View rootView = inflater.inflate(R.layout.***activity\_list\_fragment***, container, **false**);  
  
 **activity** = getActivity();  
 Log.*d*(**"listfragment"**, **"is rolling"**);  
 **new** AsyncTask<Void, Void, Void>(){  
 @Override  
 **protected** Void doInBackground(Void... voids) {  
  
 **return null**;  
 }  
  
 @Override  
 **protected void** onPostExecute(Void aVoid) {  
 **super**.onPostExecute(aVoid);  
 makeSwipe();  
 makeList();  
 makeReset();  
  
  
  
  
 }  
 }.execute();  
  
  
  
 **return** rootView;  
 }  
 **private void** makeSwipe(){  
 **swipeRefreshLayout** = (SwipeRefreshLayout) **activity**.findViewById(R.id.***shoppingListRefresh***);  
 **swipeRefreshLayout**.setOnRefreshListener(**new** SwipeRefreshLayout.OnRefreshListener() {  
 @Override  
 **public void** onRefresh() {  
 makeList();  
 }  
 });  
 }  
 **private void** makeReset(){  
 Button reset = (Button) **activity**.findViewById(R.id.***shoppingListReset***);  
 reset.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View view) {  
 **dialog** = **new** ProgressDialog(**activity**);  
 **dialog**.setMessage(**"Resetting the shopping list..."**);  
 **dialog**.setCancelable(**false**);  
 **dialog**.show();  
 Smartfridge smartfridge = **new** Smartfridge(**activity**){  
 @Override  
 **public void** setLogResetDone() {  
 **dialog**.dismiss();  
 Toast.*makeText*(**activity**, **"Done, your shopping list has been reset!"**, Toast.***LENGTH\_LONG***).show();  
 makeList();  
 }  
  
 @Override  
 **public void** setLogResetError(String error) {  
 **dialog**.dismiss();  
 Toast.*makeText*(**activity**, **"Oops, epic fail: "**+error, Toast.***LENGTH\_LONG***).show();  
  
 }  
 };  
 smartfridge.setLogReset();  
 }  
 });  
 }  
  
 **private void** makeList(){  
 **if**(**swipeRefreshLayout** == **null**){  
 **return**;  
 }  
 **swipeRefreshLayout**.setRefreshing(**true**);  
 Smartfridge smartfridge = **new** Smartfridge(getActivity()){  
 @Override  
 **public void** getLogDone(ArrayList<LogItem> items) {  
  
 createList(items);  
 }  
 @Override  
 **public void** getLogError(String e){  
  
 Toast.*makeText*(getActivity(), **"Oops, refreshing failed. Errormessage:"**+e, Toast.***LENGTH\_LONG***).show();  
 **if**(**swipeRefreshLayout** == **null**){**return**;}  
 **swipeRefreshLayout**.setRefreshing(**false**);  
 }  
  
  
 };  
 smartfridge.getLog(**"ASC"**);  
  
  
 **try** {  
  
  
 ArrayList<LogItem> arrayList = smartfridge.processLog(SmartfridgeSave.*getLogASCBackup*(getActivity()));  
 createList(arrayList);  
 }**catch** (JSONException e){  
 Log.*d*(**"exception"**, e.getLocalizedMessage());  
 **if**(**swipeRefreshLayout**==**null**){**return**;}  
 **swipeRefreshLayout**.setRefreshing(**false**);  
 }  
 }  
  
 **private void** createList(**final** ArrayList<LogItem> items){  
 ArrayList<ListItems> listItemses= **new** ArrayList<ListItems>();  
 **for**(**int** x = 0; x<items.size();x++){  
 LogItem item = items.get(x);  
 **if**(item.getScript().equals(**"itemChange.php"**)) {  
 **try** {  
  
 JSONObject jsonObject = item.getItemDetails();  
 String barcode = jsonObject.getString(**"Barcode"**);  
  
 String action = item.getParameters().getString(**"Action"**);  
 **int** change = 0;  
 **if** (action.equals(**"add"**) || action.equals(**"open"**)) {  
 change = -1;  
 }**else if**(action.equals(**"del"**) || action.equals(**"delOpen"**) || action.equals(**"delClosed"**)){  
 change = 1;  
 }  
 **int** index = indexOfListItem(listItemses, barcode);  
 **if** (index == -1 &&change==1) {  
 String title = item.getItemDetails().getString(**"Title"**);  
 Log.*d*(**"Title"**, title);  
 listItemses.add(**new** ListItems(change, barcode, title));  
 } **else if**(index!=-1){  
 **if**(listItemses.get(index).getAmount()>0&&change==-1 || change==1) {  
 listItemses.get(index).setAmount(change + listItemses.get(index).getAmount());  
 }  
 }  
  
  
 } **catch** (JSONException e) {  
 Log.*d*(**"createlist error"**, e.getLocalizedMessage());  
 }  
  
  
 }**else if**(item.getScript().equals(**"resetLog.php"**)){  
 listItemses = **new** ArrayList<ListItems>();  
 }  
 }  
  
 **shoppingListItems** = **new** ArrayList<>();  
  
 **for**(**int** x = 0;x<listItemses.size();x++){  
 Log.*d*(**"dit"**, listItemses.get(x).toString());  
 **if**(listItemses.get(x).getAmount()>0) {  
 ShoppingListItem item = **new** ShoppingListItem(listItemses.get(x).getBarcode(), listItemses.get(x).getTitle(), listItemses.get(x).getAmount());  
  
 **shoppingListItems**.add(item);  
  
 }  
 }  
 Log.*d*(**"aantal2 ="**, **"eets"**+**shoppingListItems**.size());  
 **final** ListView listView =(ListView) **activity**.findViewById(R.id.***shoppingListListView***);  
 **if**(listView==**null**){  
 **return**;  
 }  
 Button b = (Button) **activity**.findViewById(R.id.***shoppingListButton***);  
 **if**(b==**null**){  
 **return**;  
 }  
 **adapter** = **new** ListListAdapter(**activity**, **shoppingListItems**);  
 **try** {  
 listView.setAdapter(**adapter**);  
  
  
 b.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View view) {  
 **dialog**= **new** ProgressDialog(**activity**);  
 **dialog**.setTitle(**"Sending this delicious list to the fridge..."**);  
 **dialog**.setMessage(**"Starting..."**);  
 **dialog**.setCancelable(**false**);  
 **dialog**.show();  
 ArrayList<ShoppingListItem> itemses = **adapter**.getData();  
 ArrayList<String> list = **new** ArrayList<String>();  
  
  
 **for**(**int** x = 0; x<itemses.size();x++){  
 ShoppingListItem n = itemses.get(x);  
 Log.*d*(**"ding="**, n.getTitle());  
  
 **if**(n.isChecked()){  
 list.add(n.getAmount()+**" "**+n.getTitle());  
 **dialog**.setMessage(**"Adding item:"**+ n.getTitle());  
  
 }  
  
 }  
 **if**(list.size()==0){  
 Toast.*makeText*(**activity**, **"With an empty shopping list even my cat can do it :P"**, Toast.***LENGTH\_LONG***).show();  
 **dialog**.dismiss();  
 **return**;  
 }  
 Log.*d*(**"size"**, list.size()+**"aa"**);  
 Smartfridge smartfridge = **new** Smartfridge(**activity**){  
 @Override  
 **public void** listJobDone() {  
 Log.*d*(**"Yeah!!"**, **"We dit it"**);  
  
 Toast.*makeText*(**activity**, **"The list is uploaded!"**, Toast.***LENGTH\_LONG***).show();  
 **dialog**.dismiss();  
  
 }  
  
 @Override  
 **public void** listJobError(String e) {  
 Log.*d*(**"fuck"**, e);  
 Toast.*makeText*(**activity**, **"Oops, either the coding is bad or your wifi has something. Error:"**+e, Toast.***LENGTH\_LONG***).show();  
 **dialog**.dismiss();  
 }  
 };  
 smartfridge.listJob(list);  
 **dialog**.setMessage(**"Uploading list..."**);  
 }  
 });  
 **if**(**swipeRefreshLayout**==**null**){  
 **return**;  
 }  
 **swipeRefreshLayout**.setRefreshing(**false**);  
  
 }**catch** (NullPointerException n){  
 Log.*d*(**"eets"**, n.getLocalizedMessage());  
 }  
  
  
 }  
  
 **private int** indexOfListItem(ArrayList<ListItems> listItemses, String barcode){  
 **for**(**int** y = 0; y<listItemses.size(); y++){  
 **if**(listItemses.get(y).getBarcode().equals(barcode)){  
 **return** y;  
 }  
 }  
 **return** -1;  
 }  
  
 **private class** ListItems{  
 **private** String **title** = **""**;  
 **private int amount** = 0;  
 **private** String **barcode** = **""**;  
  
 **public** ListItems(**int** amount, String barcode, String title) {  
 **this**.**amount** = amount;  
 **this**.**barcode** = barcode;  
 **this**.**title** = title;  
 }  
  
 **public int** getAmount() {  
 **return amount**;  
 }  
  
 **public void** setAmount(**int** amount) {  
 **this**.**amount** = amount;  
 }  
  
 **public** String getBarcode() {  
 **return barcode**;  
 }  
  
 **public void** setBarcode(String barcode) {  
 **this**.**barcode** = barcode;  
 }  
  
 **public** String getTitle() {  
 **return title**;  
 }  
  
 **public void** setTitle(String title) {  
 **this**.**title** = title;  
 }  
  
 @Override  
 **public** String toString() {  
 **return "barcode:"**+**barcode**+**"aantal:"**+**amount**;  
 }  
 }  
  
 @Override  
 **public void** onAttach(Activity activity) {  
 **super**.onAttach(activity);  
 }  
  
 @Override  
 **public void** onDetach() {  
 **super**.onDetach();  
 }  
  
  
  
  
}

#### ItemDialog.java

**package** com.svshizzle.pws.smartfridge.activity;  
  
*/\*\*  
 \* Created by Arend-Jan on 29-10-2016.  
 \*/***import** android.app.Activity;  
**import** android.app.Dialog;  
**import** android.content.SharedPreferences;  
**import** android.os.Bundle;  
**import** android.util.Log;  
**import** android.view.View;  
**import** android.view.Window;  
**import** android.widget.Button;  
**import** android.widget.CheckBox;  
**import** android.widget.EditText;  
**import** android.widget.TextView;  
**import** android.widget.Toast;  
**import** android.widget.ViewSwitcher;  
  
**import** com.google.gson.Gson;  
  
  
**import** com.svshizzle.pws.smartfridge.R;  
**import** com.svshizzle.pws.smartfridge.api.Smartfridge;  
**import** com.svshizzle.pws.smartfridge.model.Item;  
**import** com.svshizzle.pws.smartfridge.request.RequestClassPost;  
**import** com.svshizzle.pws.smartfridge.request.RequestReturn;  
  
**import** org.json.JSONException;  
**import** org.json.JSONObject;  
  
**public class** ItemDialog **extends** Dialog **implements** android.view.View.OnClickListener {  
  
 **public** Activity **activity**;  
 **public static** Item *item*;  
  
 **public** ItemDialog(Activity a, Item item) {  
 **super**(a);  
 *//* ***TODO Auto-generated constructor stub* this**.**activity** = a;  
 **this**.*item* = item;  
 }  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 requestWindowFeature(Window.***FEATURE\_NO\_TITLE***);  
 setContentView(R.layout.***activity\_item\_dialog***);  
 Button openIncrease = (Button) findViewById(R.id.***ItemDialogOpenIncreaseButton***);  
 Button openDecrease = (Button) findViewById(R.id.***ItemDialogOpenDecreaseButton***);  
 Button closedIncrease = (Button) findViewById(R.id.***ItemDialogClosedIncreaseButton***);  
 Button closedDecrease = (Button) findViewById(R.id.***ItemDialogClosedDecreaseButton***);  
 Button titleChange = (Button) findViewById(R.id.***ItemDialogTitleButton***);  
 Button okButton = (Button) findViewById(R.id.***ItemDialogOk***);  
 okButton.setOnClickListener(**this**);  
 titleChange.setOnClickListener(**this**);  
 openDecrease.setOnClickListener(**this**);  
 openIncrease.setOnClickListener(**this**);  
 closedDecrease.setOnClickListener(**this**);  
 closedIncrease.setOnClickListener(**this**);  
  
 createScreen(*item*);  
 }  
  
  
 @Override  
 **public void** onClick(View v) {  
 **switch** (v.getId()) {  
  
 **case** R.id.***ItemDialogOk***:  
 Log.*d*(**"ok"**, **"of je sok"**);  
 changeText();  
 dismiss();  
 **break**;  
 **case** R.id.***ItemDialogOpenDecreaseButton***:  
 buttonChange(**"delOpen"**);  
  
  
 **break**;  
 **case** R.id.***ItemDialogOpenIncreaseButton***:  
 buttonChange(**"open"**);  
 **break**;  
 **case** R.id.***ItemDialogClosedDecreaseButton***:  
 buttonChange(**"delClosed"**);  
 **break**;  
 **case** R.id.***ItemDialogClosedIncreaseButton***:  
 buttonChange(**"add"**);  
 **break**;  
 **case** R.id.***ItemDialogTitleButton***:  
 changeText();  
 **break**;  
 **default**:  
 Log.*d*(**"oops"**, **"default is not ok"**);  
 **break**;  
 }  
  
 }  
  
 **private void** buttonChange(**final** String action){  
  
 Smartfridge smartfridge = **new** Smartfridge(**activity**){  
 @Override  
 **public void** changeItemDone(Item item) {  
 createScreen(item);  
 }  
  
 @Override  
 **public void** changeItemError(String e) {  
 Toast.*makeText*(**activity**, **activity**.getString(R.string.***noInternetMessage***)+e, Toast.***LENGTH\_LONG***).show();  
 }  
 };  
 smartfridge.changeItem(action, *item*.getBarcode());  
  
  
 }  
 **private void** createScreen(Item item){  
 TextView openNumberView = (TextView) findViewById(R.id.***ItemDialogOpenAmount***);  
 TextView closedNumberView = (TextView) findViewById(R.id.***ItemDialogClosedAmount***);  
 TextView title = (TextView) findViewById(R.id.***ItemDialogTitle***);  
 TextView barcode = (TextView) findViewById(R.id.***ItemDialogBarcode***);  
 EditText titleEdit = (EditText) findViewById(R.id.***ItemDialogTitleEdit***);  
 **if**(openNumberView == **null** || closedNumberView == **null** || title == **null** || barcode == **null** || titleEdit == **null**){  
 **return**;  
 }  
 titleEdit.setText(item.getTitle());  
 title.setText(item.getTitle());  
 openNumberView.setText(Integer.*toString*(item.getOpen()));  
 closedNumberView.setText(Integer.*toString*(item.getClosed()));  
 barcode.setText(item.getBarcode());  
  
 }  
  
 **private void** changeText(){  
 ViewSwitcher viewSwitcher = (ViewSwitcher) findViewById(R.id.***ItemDialogViewSwitcher***);  
 TextView textView = (TextView) findViewById(R.id.***ItemDialogTitle***);  
 EditText editText = (EditText) findViewById(R.id.***ItemDialogTitleEdit***);  
  
 **if**(viewSwitcher.getCurrentView() != editText ){  
 viewSwitcher.showPrevious();  
 }**else if**(viewSwitcher.getCurrentView() != textView) {  
 textView.setText(editText.getText());  
 viewSwitcher.showNext();  
 **if** (!editText.getText().toString().equals(*item*.getTitle())) {  
 Smartfridge smartfridge = **new** Smartfridge(**activity**) {  
 @Override  
 **public void** changeTitleDone(Item item) {  
 ItemDialog.*item* = item;  
 createScreen(item);  
 }  
  
  
 };  
 smartfridge.changeTitle(editText.getText().toString(), *item*.getBarcode());  
 }  
 }  
 }  
}

#### Login.java

**package** com.svshizzle.pws.smartfridge.activity;  
  
**import** android.app.Activity;  
**import** android.app.ProgressDialog;  
**import** android.content.Intent;  
  
**import** android.os.AsyncTask;  
**import** android.os.Bundle;  
**import** android.support.design.widget.FloatingActionButton;  
**import** android.support.design.widget.Snackbar;  
**import** android.support.v7.app.AppCompatActivity;  
**import** android.support.v7.widget.Toolbar;  
**import** android.util.Log;  
**import** android.view.View;  
**import** android.widget.Button;  
**import** android.widget.EditText;  
**import** android.widget.Toast;  
  
**import** com.svshizzle.pws.smartfridge.R;  
**import** com.svshizzle.pws.smartfridge.api.Smartfridge;  
**import** com.svshizzle.pws.smartfridge.api.SmartfridgeSave;  
**import** com.svshizzle.pws.smartfridge.request.RequestClass;  
**import** com.svshizzle.pws.smartfridge.request.RequestClassPost;  
**import** com.svshizzle.pws.smartfridge.request.RequestReturn;  
  
**import** org.json.JSONException;  
**import** org.json.JSONObject;  
  
**public class** Login **extends** AppCompatActivity {  
 ProgressDialog **progressDialog**;  
 Activity **activity**;  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
  
 setContentView(R.layout.***activity\_login***);  
 Toolbar toolbar = (Toolbar) findViewById(R.id.***toolbar***);  
 setSupportActionBar(toolbar);  
 **activity** = **this**;  
 Button button =(Button) findViewById(R.id.***loginOkButton***);  
 button.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View view) {  
 buttonOnClick();  
 }  
 });  
 }  
  
  
 **void** buttonOnClick(){  
 **progressDialog** = ProgressDialog.*show*(**this**,getResources().getString(R.string.***loginDialogTitle***), getResources().getString(R.string.***loginDialogTextAPIURLCheck***), **false**);  
 EditText UserId =(EditText) findViewById(R.id.***loginUserIdField***);  
 String userId = UserId.getText().toString();  
  
 **final** EditText APIURL = (EditText) findViewById(R.id.***loginAPIURLField***);  
 **final** String apiurl = APIURL.getText().toString();  
 **new** CheckLogin().execute(apiurl, userId);  
  
 }  
  
 **private class** checkReturn{  
 **boolean error** = **false**;  
 String **errorText** = **""**;  
 String **Userid** = **""**;  
  
 **public** String getAPIURL() {  
 **return APIURL**;  
 }  
  
 **public void** setAPIURL(String APIURL) {  
 **this**.**APIURL** = APIURL;  
 }  
  
 **public** String getUserid() {  
 **return Userid**;  
 }  
  
 **public void** setUserid(String userid) {  
 **Userid** = userid;  
 }  
  
 String **APIURL** = **""**;  
  
 **public** String getErrorText() {  
 **return errorText**;  
 }  
  
 **public void** setErrorText(String errorText) {  
 **this**.**errorText** = errorText;  
 }  
  
 **public** checkReturn(**boolean** error, String errorText) {  
  
 **this**.**error** = error;  
 **this**.**errorText** = errorText;  
 }  
 **public** checkReturn(**boolean** error, String errorText, String userid, String apiurl) {  
  
 **this**.**error** = error;  
 **this**.**errorText** = errorText;  
 **this**.**Userid** = userid;  
 **this**.**APIURL** = apiurl;  
  
 }  
 **public boolean** isError() {  
 **return error**;  
 }  
  
 **public void** setError(**boolean** error) {  
 **this**.**error** = error;  
 }  
 }  
  
 **private class** CheckLogin **extends** AsyncTask<String, String, checkReturn>{  
 @Override  
 **protected** checkReturn doInBackground(String... strings) {  
 publishProgress(getResources().getString(R.string.***loginDialogTextAPIURLCheck***));  
 String APIURL = strings[0];  
 String UserId = strings[1];  
 **if**(APIURL.isEmpty()){  
 **return new** checkReturn(**true**, getResources().getString(R.string.***loginAPIURLEmpty***));  
  
 }  
 **if**(UserId.isEmpty()){  
 **return new** checkReturn(**true**, getResources().getString(R.string.***loginUserIdEmpty***));  
  
 }  
  
  
  
  
  
  
 RequestClass requestClass = **new** RequestClass(getApplication());  
 RequestReturn output = requestClass.getData(APIURL + getResources().getString(R.string.***APIServerCheck***));  
  
  
  
 **if**(output.isError()|| !output.getResponse().equals(**"y"**)){  
 Log.*d*(**"wut"**, output.getResponse());  
 **return new** checkReturn(**true**, getResources().getString(R.string.***loginAPIURLFaulty***));  
 }  
 publishProgress(getResources().getString(R.string.***loginDialogUserIdCheck***));  
 JSONObject jsonObject = **new** JSONObject();  
 **try** {  
  
 jsonObject.put(**"UserId"**,UserId);  
  
 }**catch** (JSONException e ){  
 }  
 RequestClassPost requestClassPost = **new** RequestClassPost(getApplication(), jsonObject);  
 output = requestClassPost.doInBackground(APIURL + getResources().getString(R.string.***APIUserIdCheck***));  
 Log.*d*(**"output"**, output.getResponse());  
 **boolean** correctUserId = **false**;  
 **try** {  
 jsonObject = **new** JSONObject(output.getResponse());  
 correctUserId = jsonObject.getString(**"check"**).equals(**"y"**);  
 }**catch** (JSONException exception){  
 Log.*d*(**"exc"**, exception.getMessage());  
 **return new** checkReturn(**true**, getResources().getString(R.string.***loginUserIdFaulty***));  
 }  
 **if**(output.isError() || !correctUserId){  
 Log.*d*(**"hiero"**, **"gaathetmis"**);  
 **return new** checkReturn(**true**, getResources().getString(R.string.***loginUserIdFaulty***));  
 }  
  
 **return new** checkReturn(**false**,**""**, UserId, APIURL);  
 }  
  
  
  
 @Override  
 **protected void** onPostExecute(checkReturn s) {  
 **super**.onPostExecute(s);  
 **if**(s.isError()){  
 Toast.*makeText*(getApplicationContext(), s.getErrorText(), Toast.***LENGTH\_LONG***).show();  
  
 }**else**{  
 Smartfridge smartfridge = **new** Smartfridge(**activity**);  
 smartfridge.setSettings(s.**APIURL**, s.**Userid**);  
 Intent intent = **new** Intent(Login.**this**, MainActivity.**class**);  
 **if**(SmartfridgeSave.*getAPIURL*(**activity**).equals(s.**APIURL**)){  
 Log.*d*(**"hehe"**, **"eindelijk!!!"**);  
 }  
 **else**{  
 Log.*d*(**"hehe"**, **"kuuuuuuuuuuuuuuuuuuuuuuuuuuutttttttttttttttt"**);  
 }  
 Login.**this**.startActivity(intent);  
 finish();  
 }  
 **progressDialog**.dismiss();  
 *//****TODO:als het klaar is.*** }  
  
 @Override  
 **protected void** onProgressUpdate(String... values) {  
 **super**.onProgressUpdate(values);  
 **progressDialog**.setMessage(values[0]);  
 }  
 }  
}

#### FragmentDrawer.java

**package** com.svshizzle.pws.smartfridge.activity;  
  
**import** android.content.Context;  
**import** android.os.Bundle;  
**import** android.support.v4.app.Fragment;  
**import** android.support.v4.widget.DrawerLayout;  
**import** android.support.v7.app.ActionBarDrawerToggle;  
**import** android.support.v7.widget.LinearLayoutManager;  
**import** android.support.v7.widget.RecyclerView;  
**import** android.support.v7.widget.Toolbar;  
**import** android.view.GestureDetector;  
**import** android.view.LayoutInflater;  
**import** android.view.MotionEvent;  
**import** android.view.View;  
**import** android.view.ViewGroup;  
  
  
**import** com.svshizzle.pws.smartfridge.R;  
**import** com.svshizzle.pws.smartfridge.adapter.NavigationDrawerAdapter;  
**import** com.svshizzle.pws.smartfridge.model.NavDrawerItem;  
  
**import** java.util.ArrayList;  
**import** java.util.List;  
  
**public class** FragmentDrawer **extends** Fragment {  
  
 **private static** String *TAG* = FragmentDrawer.**class**.getSimpleName();  
  
 **private** RecyclerView **recyclerView**;  
 **private** ActionBarDrawerToggle **mDrawerToggle**;  
 **private** DrawerLayout mDrawerLayout;  
 **private** NavigationDrawerAdapter **adapter**;  
 **private** View **containerView**;  
 **private static** String[] *titles* = **null**;  
 **private** FragmentDrawerListener **drawerListener**;  
  
 **public** FragmentDrawer() {  
  
 }  
  
 **public void** setDrawerListener(FragmentDrawerListener listener) {  
 **this**.**drawerListener** = listener;  
 }  
  
 **public static** List<NavDrawerItem> getData() {  
 List<NavDrawerItem> data = **new** ArrayList<>();  
  
  
 *// preparing navigation drawer items* **for** (**int** i = 0; i < *titles*.**length**; i++) {  
 NavDrawerItem navItem = **new** NavDrawerItem();  
 navItem.setTitle(*titles*[i]);  
 data.add(navItem);  
 }  
 **return** data;  
 }  
  
 @Override  
 **public void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
  
 *// drawer labels  
 titles* = getActivity().getResources().getStringArray(R.array.***nav\_drawer\_labels***);  
 }  
  
 @Override  
 **public** View onCreateView(LayoutInflater inflater, ViewGroup container,  
 Bundle savedInstanceState) {  
 *// Inflating view layout* View layout = inflater.inflate(R.layout.***fragment\_navigation\_drawer***, container, **false**);  
 **recyclerView** = (RecyclerView) layout.findViewById(R.id.***drawerList***);  
  
 **adapter** = **new** NavigationDrawerAdapter(getActivity(), *getData*());  
 **recyclerView**.setAdapter(**adapter**);  
 **recyclerView**.setLayoutManager(**new** LinearLayoutManager(getActivity()));  
 **recyclerView**.addOnItemTouchListener(**new** RecyclerTouchListener(getActivity(), **recyclerView**, **new** ClickListener() {  
 @Override  
 **public void** onClick(View view, **int** position) {  
 **drawerListener**.onDrawerItemSelected(view, position);  
 mDrawerLayout.closeDrawer(**containerView**);  
 }  
  
 @Override  
 **public void** onLongClick(View view, **int** position) {  
  
 }  
 }));  
  
 **return** layout;  
 }  
  
  
 **public void** setUp(**int** fragmentId, DrawerLayout drawerLayout, **final** Toolbar toolbar) {  
 **containerView** = getActivity().findViewById(fragmentId);  
 mDrawerLayout = drawerLayout;  
 **mDrawerToggle** = **new** ActionBarDrawerToggle(getActivity(), drawerLayout, toolbar, R.string.***drawer\_open***, R.string.***drawer\_close***) {  
 @Override  
 **public void** onDrawerOpened(View drawerView) {  
 **super**.onDrawerOpened(drawerView);  
 getActivity().invalidateOptionsMenu();  
 }  
  
 @Override  
 **public void** onDrawerClosed(View drawerView) {  
 **super**.onDrawerClosed(drawerView);  
 getActivity().invalidateOptionsMenu();  
 }  
  
 @Override  
 **public void** onDrawerSlide(View drawerView, **float** slideOffset) {  
 **super**.onDrawerSlide(drawerView, slideOffset);  
 toolbar.setAlpha(1 - slideOffset / 2);  
 }  
 };  
  
 mDrawerLayout.setDrawerListener(**mDrawerToggle**);  
 mDrawerLayout.post(**new** Runnable() {  
 @Override  
 **public void** run() {  
 **mDrawerToggle**.syncState();  
 }  
 });  
  
 }  
  
 **public static interface** ClickListener {  
 **public void** onClick(View view, **int** position);  
  
 **public void** onLongClick(View view, **int** position);  
 }  
  
 **static class** RecyclerTouchListener **implements** RecyclerView.OnItemTouchListener {  
  
 **private** GestureDetector **gestureDetector**;  
 **private** ClickListener **clickListener**;  
  
 **public** RecyclerTouchListener(Context context, **final** RecyclerView recyclerView, **final** ClickListener clickListener) {  
 **this**.**clickListener** = clickListener;  
 **gestureDetector** = **new** GestureDetector(context, **new** GestureDetector.SimpleOnGestureListener() {  
 @Override  
 **public boolean** onSingleTapUp(MotionEvent e) {  
 **return true**;  
 }  
  
 @Override  
 **public void** onLongPress(MotionEvent e) {  
 View child = recyclerView.findChildViewUnder(e.getX(), e.getY());  
 **if** (child != **null** && clickListener != **null**) {  
 clickListener.onLongClick(child, recyclerView.getChildPosition(child));  
 }  
 }  
 });  
 }  
  
 @Override  
 **public boolean** onInterceptTouchEvent(RecyclerView rv, MotionEvent e) {  
  
 View child = rv.findChildViewUnder(e.getX(), e.getY());  
 **if** (child != **null** && **clickListener** != **null** && **gestureDetector**.onTouchEvent(e)) {  
 **clickListener**.onClick(child, rv.getChildPosition(child));  
 }  
 **return false**;  
 }  
  
 @Override  
 **public void** onTouchEvent(RecyclerView rv, MotionEvent e) {  
 }  
  
 @Override  
 **public void** onRequestDisallowInterceptTouchEvent(**boolean** disallowIntercept) {  
  
 }  
  
  
 }  
  
 **public interface** FragmentDrawerListener {  
 **public void** onDrawerItemSelected(View view, **int** position);  
 }  
}

### adapter

Adapters zijn klasses die een lijst op het scherm kunnen vullen vanuit een lijst in de code.

#### HomeListAdapter.java

**package** com.svshizzle.pws.smartfridge.adapter;  
  
*/\*\*  
 \* Created by Arend-Jan on 28-10-2016.  
 \*/***import** java.util.ArrayList;  
  
**import** android.app.Activity;  
**import** android.content.Context;  
**import** android.view.LayoutInflater;  
**import** android.view.View;  
**import** android.view.ViewGroup;  
**import** android.widget.BaseAdapter;  
**import** android.widget.TextView;  
  
**import** com.svshizzle.pws.smartfridge.R;  
**import** com.svshizzle.pws.smartfridge.model.Item;  
  
**public class** HomeListAdapter **extends** BaseAdapter {  
  
 **private** Activity **activity**;  
 **private** ArrayList<Item> **data**;  
 **private static** LayoutInflater *inflater*=**null**;  
  
  
 **public** HomeListAdapter(Activity a, ArrayList<Item> d) {  
 **activity** = a;  
 **data**=d;  
 *inflater* = (LayoutInflater)**activity**.getSystemService(Context.***LAYOUT\_INFLATER\_SERVICE***);  
  
 }  
  
 **public int** getCount() {  
 **return data**.size();  
 }  
  
 **public** Object getItem(**int** position) {  
 **return** position;  
 }  
  
 **public long** getItemId(**int** position) {  
 **return** position;  
 }  
  
 **public** View getView(**int** position, View convertView, ViewGroup parent) {  
 View vi=convertView;  
 **if**(convertView==**null**)  
 vi = *inflater*.inflate(R.layout.***home\_row***, **null**);  
  
 TextView title = (TextView)vi.findViewById(R.id.***Name***); *// Name* TextView barcode = (TextView)vi.findViewById(R.id.***Barcode***); *// barcode* TextView text = (TextView)vi.findViewById(R.id.***Text***);  
 Item item = **data**.get(position);  
  
 *// Setting all values in listview* title.setText(item.getTitle());  
 barcode.setText(item.getBarcode());  
 text.setText(item.getOpen() + **" open & "** +item.getClosed() + **" closed"**);  
 **return** vi;  
 }  
}

#### ListListAdapter.java

**package** com.svshizzle.pws.smartfridge.adapter;  
  
*/\*\*  
 \* Created by Arend-Jan on 28-10-2016.  
 \*/***import** java.util.ArrayList;  
**import** java.util.HashMap;  
  
**import** android.app.Activity;  
**import** android.content.Context;  
**import** android.support.v7.widget.RecyclerView;  
**import** android.util.Log;  
**import** android.util.SparseBooleanArray;  
**import** android.view.LayoutInflater;  
**import** android.view.View;  
**import** android.view.ViewGroup;  
**import** android.widget.BaseAdapter;  
**import** android.widget.CheckBox;  
**import** android.widget.CompoundButton;  
**import** android.widget.ImageView;  
**import** android.widget.TextView;  
  
**import** com.svshizzle.pws.smartfridge.R;  
**import** com.svshizzle.pws.smartfridge.model.Item;  
**import** com.svshizzle.pws.smartfridge.model.LogItem;  
**import** com.svshizzle.pws.smartfridge.model.ShoppingListHolder;  
**import** com.svshizzle.pws.smartfridge.model.ShoppingListItem;  
  
**import** org.json.JSONException;  
**import** org.json.JSONObject;  
  
**import static** android.R.attr.***cacheColorHint***;  
**import static** android.R.attr.***checked***;  
**import static** android.R.attr.***data***;  
  
**public class** ListListAdapter **extends** BaseAdapter{  
  
 **private** Activity **activity**;  
 **private** ArrayList<ShoppingListItem> **data**;  
 **private** LayoutInflater **inflater**=**null**;  
 **boolean**[] **checkBoxState**;  
 ShoppingListHolder **holder**;  
  
  
  
 **public** ListListAdapter(Activity a, ArrayList<ShoppingListItem> d) {  
 **activity** = a;  
 **data**=d;  
 **inflater** = (LayoutInflater)**activity**.getSystemService(Context.***LAYOUT\_INFLATER\_SERVICE***);  
  
 **checkBoxState** = **new boolean**[d.size()];  
 Log.*d*(**"constructor"**, d.size()+**"okay"**);  
 }  
  
 **public int** getCount() {  
 **return data**.size();  
 }  
  
 **public** Object getItem(**int** position) {  
 **return data**.get(position);  
 }  
  
 **public long** getItemId(**int** position) {  
 **return** position;  
 }  
  
 **public** View getView(**final int** position, View convertView, ViewGroup parent) {  
 Log.*d*(**"what"**, **"aantal = "**+position);  
 View row=convertView;  
 ShoppingListHolder holder;  
 **if** (row == **null**){  
  
 **inflater** = (LayoutInflater)**activity**.getSystemService(Context.***LAYOUT\_INFLATER\_SERVICE***);  
  
 row = **inflater**.inflate(R.layout.***shopping\_row***, parent, **false**);  
  
 holder = **new** ShoppingListHolder();  
  
  
 holder.**txtTitle** = (TextView) row.findViewById(R.id.***shopping\_list\_row\_title***);  
 holder.**chkSelect** = (CheckBox) row.findViewById(R.id.***shopping\_list\_row\_checkbox***);  
 holder.**amount** = (TextView) row.findViewById(R.id.***shopping\_list\_row\_amount***);  
  
 row.setTag(holder);  
  
 }  
 **else**{  
 holder = (ShoppingListHolder) row.getTag();  
 }  
  
 ShoppingListItem item = **data**.get(position);  
 holder.**chkSelect**.setChecked(item.isChecked());  
 holder.**txtTitle**.setText(item.getTitle());  
 holder.**amount**.setText(item.getAmountString());  
 **checkBoxState**[position] = item.isChecked();  
 holder.**chkSelect**.setChecked(**checkBoxState**[position]);  
 holder.**chkSelect**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View view) {  
 **boolean** value = ((CheckBox)view).isChecked();  
 **checkBoxState**[position] = !value;  
 **if**(((CheckBox)view).isChecked()){  
 **checkBoxState**[position]=**true**;  
 **data**.get(position).setCheck(**true**);  
 }**else**{  
 **checkBoxState**[position]=**false**;  
 **data**.get(position).setCheck(**false**);  
 }  
  
 }  
 });  
 holder.**chkSelect**.setTag(position);  
 **return** row;  
 }  
  
 **public boolean**[] getCheckBoxState(){  
 **return checkBoxState**;  
 }  
 **public** ArrayList<ShoppingListItem> getData(){  
 **return data**;  
 }  
  
  
  
  
 **static class** ShoppingListHolder {  
  
 TextView **amount**;  
 TextView **txtTitle**;  
 CheckBox **chkSelect**;  
 }  
}

#### LogListAdapter.java

**package** com.svshizzle.pws.smartfridge.adapter;  
  
*/\*\*  
 \* Created by Arend-Jan on 28-10-2016.  
 \*/***import** java.util.ArrayList;  
**import** java.util.HashMap;  
  
**import** android.app.Activity;  
**import** android.content.Context;  
**import** android.util.Log;  
**import** android.view.LayoutInflater;  
**import** android.view.View;  
**import** android.view.ViewGroup;  
**import** android.widget.BaseAdapter;  
**import** android.widget.ImageView;  
**import** android.widget.TextView;  
  
**import** com.svshizzle.pws.smartfridge.R;  
**import** com.svshizzle.pws.smartfridge.model.Item;  
**import** com.svshizzle.pws.smartfridge.model.LogItem;  
  
**import** org.json.JSONException;  
**import** org.json.JSONObject;  
  
**import static** android.R.attr.***cacheColorHint***;  
**import static** android.R.attr.***data***;  
  
**public class** LogListAdapter **extends** BaseAdapter {  
  
 **private** Activity **activity**;  
 **private** ArrayList<LogItem> **data**;  
 **private static** LayoutInflater *inflater*=**null**;  
  
  
 **public** LogListAdapter(Activity a, ArrayList<LogItem> d) {  
 **activity** = a;  
 **data**=d;  
 *inflater* = (LayoutInflater)**activity**.getSystemService(Context.***LAYOUT\_INFLATER\_SERVICE***);  
  
 }  
  
 **public int** getCount() {  
 **return data**.size();  
 }  
  
 **public** Object getItem(**int** position) {  
 **return** position;  
 }  
  
 **public long** getItemId(**int** position) {  
 **return** position;  
 }  
  
 **public** View getView(**int** position, View convertView, ViewGroup parent) {  
 View vi=convertView;  
 **if**(convertView==**null**)  
 vi = *inflater*.inflate(R.layout.***log\_row***, **null**);  
  
 TextView title = (TextView)vi.findViewById(R.id.***log\_row\_title***); *// Name* TextView tijd = (TextView)vi.findViewById(R.id.***log\_row\_time***); *// barcode* TextView extratext = (TextView)vi.findViewById(R.id.***log\_row\_extratext***);  
 LogItem item = **data**.get(position);  
  
 *// Setting all values in listview* **if**(item.getScript().equals(**"markJob.php"**)) {  
 title.setText(markJob(item));  
 }  
 **else if**(item.getScript().equals(**"itemChange.php"**)){  
 title.setText(changeItem(item));  
 }  
 **else if**(item.getScript().equals(**"addJob.php"**)){  
 title.setText(addJob(item));  
 }  
  
  
 **else** {  
 Log.*d*(**"unknown"**, item.getScript());  
 title.setText(item.getScript());  
 }  
  
 tijd.setText(item.getTime());  
 extratext.setText(**"eets"**);  
  
 **return** vi;  
 }  
  
 **private** String markJob(LogItem item){  
 **try** {  
 JSONObject object = item.getJobDetails();  
  
 **switch** (object.getString(**"Type"**)){  
 **case "shutdown"**:  
 **return activity**.getString(R.string.***log\_item\_markJob\_shutdown***, String.*valueOf*(object.getInt(**"ID"**)));  
 **case "restart"**:  
 **return activity**.getString(R.string.***log\_item\_markJob\_reboot***, String.*valueOf*(object.getInt(**"ID"**)));  
 **case "text"**:  
 **return activity**.getString(R.string.***log\_item\_markJob\_text***, object.getString(**"Text"**), String.*valueOf*(object.getInt(**"ID"**)));  
 **case "barcode"**:  
 **return activity**.getString(R.string.***log\_item\_markJob\_barcode***, object.getString(**"Barcode"**), String.*valueOf*(object.getInt(**"ID"**)));  
 **default**:  
 **return activity**.getString(R.string.***log\_item\_markJob***, String.*valueOf*(object.getInt(**"ID"**)));  
 }  
  
 }**catch** (JSONException e){  
  
 Log.*d*(**"exception"**, e.getLocalizedMessage());  
 **return "oops"**;  
 }  
 }  
 **private** String changeItem(LogItem item){  
 **try** {  
 JSONObject object = item.getItemDetails();  
 JSONObject params = item.getParameters();  
  
 **switch** (params.getString(**"Action"**)){  
 **case "add"**:  
 **return activity**.getString(R.string.***log\_item\_itemChange\_add***, object.getString(**"Title"**));  
 **case "del"**:  
 **return activity**.getString(R.string.***log\_item\_itemChange\_del***, object.getString(**"Title"**));  
 **case "open"**:  
 **return activity**.getString(R.string.***log\_item\_itemChange\_open***, object.getString(**"Title"**));  
  
 **default**:  
 **return activity**.getString(R.string.***log\_item\_itemChange***, object.getString(**"Title"**));  
 }  
  
 }**catch** (JSONException e){  
  
 Log.*d*(**"exception"**, e.getLocalizedMessage());  
 **return "oops"**;  
 }  
 }  
 **private** String addJob(LogItem item){  
 **try** {  
  
 JSONObject object = item.getParameters();  
  
 **switch** (object.getString(**"Type"**)) {  
 **case "shutdown"**:  
 **return activity**.getString(R.string.***log\_item\_createJob\_shutdown***);  
 **case "restart"**:  
 **return activity**.getString(R.string.***log\_item\_createJob\_reboot***);  
 **case "text"**:  
 **return activity**.getString(R.string.***log\_item\_createJob\_text***, object.getString(**"Text"**));  
 **case "barcode"**:  
 **return activity**.getString(R.string.***log\_item\_createJob\_barcode***, object.getString(**"Barcode"**));  
 **default**:  
 **return activity**.getString(R.string.***log\_item\_createJob***);  
 }  
 }**catch** (JSONException e){  
  
 Log.*d*(**"exception"**, e.getLocalizedMessage());  
 **return "oops"**;  
 }  
 }  
}

#### NavigationDrawerAdapter.java

**package** com.svshizzle.pws.smartfridge.adapter;  
  
*/\*\*  
 \* Created by Arend-Jan on 3-10-2016.  
 \* \_\_\_\_ \_\_\_\_ \_\_\_\_\_ \_ \_\_\_\_ \_ \_\_\_\_ \_  
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 \*/***import** android.content.Context;  
**import** android.support.v7.widget.RecyclerView;  
**import** android.view.LayoutInflater;  
**import** android.view.View;  
**import** android.view.ViewGroup;  
**import** android.widget.TextView;  
  
**import** com.svshizzle.pws.smartfridge.R;  
**import** com.svshizzle.pws.smartfridge.model.NavDrawerItem;  
  
**import** java.util.Collections;  
**import** java.util.List;  
  
  
**public class** NavigationDrawerAdapter **extends** RecyclerView.Adapter<NavigationDrawerAdapter.MyViewHolder> {  
 List<NavDrawerItem> **data** = Collections.*emptyList*();  
 **private** LayoutInflater **inflater**;  
 **private** Context **context**;  
  
 **public** NavigationDrawerAdapter(Context context, List<NavDrawerItem> data) {  
 **this**.**context** = context;  
 **inflater** = LayoutInflater.*from*(context);  
 **this**.**data** = data;  
 }  
  
 **public void** delete(**int** position) {  
 **data**.remove(position);  
 notifyItemRemoved(position);  
 }  
  
 @Override  
 **public** MyViewHolder onCreateViewHolder(ViewGroup parent, **int** viewType) {  
 View view = **inflater**.inflate(R.layout.***nav\_drawer\_row***, parent, **false**);  
 MyViewHolder holder = **new** MyViewHolder(view);  
 **return** holder;  
 }  
  
 @Override  
 **public void** onBindViewHolder(MyViewHolder holder, **int** position) {  
 NavDrawerItem current = **data**.get(position);  
 holder.**title**.setText(current.getTitle());  
 }  
  
 @Override  
 **public int** getItemCount() {  
 **return data**.size();  
 }  
  
 **class** MyViewHolder **extends** RecyclerView.ViewHolder {  
 TextView **title**;  
  
 **public** MyViewHolder(View itemView) {  
 **super**(itemView);  
 **title** = (TextView) itemView.findViewById(R.id.***log\_row\_title***);  
 }  
 }  
}

### api

#### Smartfridge.java

**package** com.svshizzle.pws.smartfridge.api;  
  
**import** android.app.Activity;  
**import** android.content.Intent;  
  
**import** android.os.AsyncTask;  
**import** android.util.Log;  
**import** android.widget.Toast;  
  
**import** com.svshizzle.pws.smartfridge.R;  
**import** com.svshizzle.pws.smartfridge.activity.Login;  
**import** com.svshizzle.pws.smartfridge.activity.MainActivity;  
**import** com.svshizzle.pws.smartfridge.model.Item;  
**import** com.svshizzle.pws.smartfridge.model.LogItem;  
**import** com.svshizzle.pws.smartfridge.request.RequestClass;  
**import** com.svshizzle.pws.smartfridge.request.RequestClassPost;  
**import** com.svshizzle.pws.smartfridge.request.RequestReturn;  
  
**import** org.json.JSONArray;  
**import** org.json.JSONException;  
**import** org.json.JSONObject;  
  
**import** java.util.ArrayList;  
**import** java.util.List;  
**import** java.util.Random;  
  
*/\*\*  
 \* Created by Arend-Jan on 5-11-2016.  
 \*/***public class** Smartfridge {  
 Activity **activity**;  
 **private** String **userid** = **""**;  
 **private** String **apiUrl** = **""**;  
 **private boolean signedIn** = **false**;  
  
 **public boolean** isJSONValid(String test) {  
 **try** {  
 **new** JSONObject(test);  
 } **catch** (JSONException ex) {  
 *// edited, to include @Arthur's comment  
 // e.g. in case JSONArray is valid as well...* **try** {  
 **new** JSONArray(test);  
 } **catch** (JSONException ex1) {  
 **return false**;  
 }  
 }  
 **return true**;  
 }  
 **public** String getUserid() {  
 **return userid**;  
 }  
  
 **public void** setUserid(String userid) {  
 **this**.**userid** = userid;  
 }  
  
 **public** String getApiUrl() {  
 **return apiUrl**;  
 }  
  
 **public void** setApiUrl(String apiUrl) {  
 **this**.**apiUrl** = apiUrl;  
 }  
  
  
  
 **public void** setSignedIn(**boolean** signedIn) {  
 **this**.**signedIn** = signedIn;  
 }  
  
 **public** String **CONTAINS** = **"apicontains"**;  
  
 **public** Smartfridge(){}  
 **public** Smartfridge(Activity activity){  
 **this**.**activity** = activity;  
 init();  
 }  
 **public void** init(){  
 **signedIn** = SmartfridgeSave.*getSignedin*(**activity**);  
  
 **if**(**signedIn**) {  
  
  
 **apiUrl** = SmartfridgeSave.*getAPIURL*(**activity**);  
 **userid** = SmartfridgeSave.*getUserId*(**activity**);  
 **return**;  
 }  
 **else**{  
 **userid** = **""**;  
 **apiUrl** = **""**;  
 Log.*d*(**"notsignedinin"**, **"oops"**);  
 }  
 }  
  
 **public boolean** isSignedin(){  
 **return signedIn**;  
 }  
 **public void** contains(){  
 contains(**"opened+closed"**);  
 }  
 **public void** contains(String sort){  
 JSONObject jsonObject = **new** JSONObject();  
 **try** {  
  
 Log.*d*(**"userid"**, **userid**);  
 jsonObject.put(**"Sort"**, sort);  
 jsonObject.put(**"UserId"**, **userid**);  
  
  
 }**catch** (JSONException e ){  
 }  
  
 RequestClassPost request = **new** RequestClassPost(**activity**,jsonObject ){  
 @Override  
 **protected void** onPostExecute(RequestReturn requestReturn) {  
 **super**.onPostExecute(requestReturn);  
 **if**(requestReturn.isError()){  
 containsError(requestReturn.getResponse());  
 }**else** {  
  
 **try** {  
  
 Log.*d*(**"asdf"**, requestReturn.getResponse());  
 containsDone(processContains(requestReturn.getResponse()));  
 **if**(isJSONValid(requestReturn.getResponse())) {  
 SmartfridgeSave.*setContainsBackup*(**activity**, requestReturn.getResponse());  
 }  
  
 }**catch** (JSONException e){  
 containsError(e.getLocalizedMessage());  
  
 }  
  
  
 }  
 }  
 };  
 String url = **apiUrl** + **"contains"**;  
 request.execute(url);  
 }  
 **public** ArrayList<Item> processContains(String output)**throws** JSONException{  
 ArrayList<Item> items = **new** ArrayList<Item>();  
 JSONArray reader = **new** JSONArray(output);  
 **for** (**int** x = 0; x < reader.length(); x++) {  
  
 JSONObject object = reader.getJSONObject(x);  
 Item item = **new** Item();  
 item.loadFromJson(object);  
 items.add(item);  
 }  
 Log.*d*(**"process"**, **"Contains"**);  
 **return** items;  
 }  
  
 **public void** containsDone(ArrayList<Item> items){  
 Log.*d*(**"containsDone"**, **"Not overridden"**);  
 }  
 **public void** containsError(String e) {  
 Log.*d*(**"containsError"**, **"Not overridden"**);  
 **if** (e != **null**) {  
 Log.*d*(**"error="**, e);  
 }  
 }  
  
 **public void** setSettings(String url, String uid){  
 **this**.**userid** = uid;  
 **this**.**apiUrl** = url;  
 **this**.**signedIn** = **true**;  
 SmartfridgeSave.*setSignedin*(**activity**, **true**);  
 SmartfridgeSave.*setUserId*(**activity**, uid);  
 SmartfridgeSave.*setAPIURL*(**activity**, **apiUrl**);  
  
 **if**(SmartfridgeSave.*getAPIURL*(**activity**).equals(**apiUrl**)){  
 Log.*d*(**"hehe"**, **"eindelijk!!!"**);  
 }  
 **else**{  
 Log.*d*(**"hehe"**, **"kuuuuuuuuuuuuuuuuuuuuuuuuuuutttttttttttttttt"**);  
 }  
 }  
  
  
 **public void** changeItem(String change, String barcode){  
 JSONObject jsonObject = **new** JSONObject();  
 **try** {  
  
 jsonObject.put(**"UserId"**,**userid**);  
 jsonObject.put(**"Barcode"**, barcode);  
 jsonObject.put(**"Action"**, change);  
 }**catch** (JSONException e ){  
 }  
 RequestClassPost requestClassPost = **new** RequestClassPost(**activity**, jsonObject){  
 @Override  
 **protected void** onPostExecute(RequestReturn requestReturn) {  
 **super**.onPostExecute(requestReturn);  
 **if**(!requestReturn.isError()) {  
 Log.*d*(**"return"**, requestReturn.getResponse());  
  
 JSONObject object;  
 **try** {  
  
  
 object = **new** JSONArray(requestReturn.getResponse()).getJSONObject(0);  
  
 }**catch** (JSONException e){  
 changeItemError(e.getLocalizedMessage());  
 **return**;  
 }  
  
 changeItemDone(**new** Item().loadFromJson(object));  
 }**else**{  
 changeItemError(requestReturn.getResponse());  
 }  
 }  
 };  
 requestClassPost.execute(**apiUrl** + **"itemChange"**);  
  
 }  
  
 **public void** changeItemDone(Item item){  
  
 }  
 **public void** changeItemError(String e){  
  
 }  
  
  
 **public void** changeTitle(String title, String barcode){  
 JSONObject jsonObject = **new** JSONObject();  
 **try** {  
  
 jsonObject.put(**"UserId"**,**userid**);  
 jsonObject.put(**"Barcode"**, barcode);  
 jsonObject.put(**"Title"**, title);  
 }**catch** (JSONException e ){  
 }  
 RequestClassPost requestClassPost = **new** RequestClassPost(**activity**, jsonObject){  
 @Override  
 **protected void** onPostExecute(RequestReturn requestReturn) {  
 **super**.onPostExecute(requestReturn);  
 **if**(!requestReturn.isError()) {  
 Log.*d*(**"return"**, requestReturn.getResponse());  
 JSONObject object = **new** JSONObject();  
 **try** {  
  
  
 object = **new** JSONObject(requestReturn.getResponse());  
 }**catch** (JSONException e){}  
  
 changeTitleDone(**new** Item().loadFromJson(object));  
 }**else**{  
 changeTitleError(requestReturn.getResponse());  
 }  
 }  
 };  
 requestClassPost.execute(**apiUrl** + **"titleChange"**);  
 }  
 **public void** changeTitleDone(Item item){  
  
 }  
 **public void** changeTitleError(String e){  
  
 }  
  
  
 **public void** printJob(String text){  
 JSONObject jsonObject = **new** JSONObject();  
 **try** {  
  
 jsonObject.put(**"UserId"**,**userid**);  
 jsonObject.put(**"Type"**, **"text"**);  
 jsonObject.put(**"Text"**, text);  
 }**catch** (JSONException e ){  
 }  
 RequestClassPost requestClassPost = **new** RequestClassPost(**activity**, jsonObject){  
 @Override  
 **protected void** onPostExecute(RequestReturn requestReturn) {  
 **super**.onPostExecute(requestReturn);  
 **if**(!requestReturn.isError()) {  
 Log.*d*(**"return"**, requestReturn.getResponse());  
  
  
 printJobDone();  
 }**else**{  
 printJobError(requestReturn.getResponse());  
 }  
 }  
 };  
 requestClassPost.execute(**apiUrl** + **"addJob"**);  
 }  
  
 **public void** printJobError(String e){  
  
 }  
 **public void** printJobDone(){  
  
 }  
  
 **public void** shutdown(){  
 JSONObject jsonObject = **new** JSONObject();  
 **try** {  
  
 jsonObject.put(**"UserId"**,**userid**);  
 jsonObject.put(**"Type"**, **"shutdown"**);  
 jsonObject.put(**"Text"**, **""**);  
 jsonObject.put(**"List"**, **""**);  
 jsonObject.put(**"barcode"**, **""**);  
  
 }**catch** (JSONException e ){  
 }  
 RequestClassPost requestClassPost = **new** RequestClassPost(**activity**, jsonObject){  
 @Override  
 **protected void** onPostExecute(RequestReturn requestReturn) {  
 **super**.onPostExecute(requestReturn);  
 **if**(!requestReturn.isError()) {  
  
 shutdownDone();  
 }**else**{  
 shutdownError(requestReturn.getResponse());  
 }  
 }  
 };  
 requestClassPost.execute(**apiUrl** + **"addJob"**);  
 }  
 **public void** shutdownDone(){}  
  
 **public void** shutdownError(String e){  
  
 }  
  
 **public void** restart(){  
 JSONObject jsonObject = **new** JSONObject();  
 **try** {  
  
 jsonObject.put(**"UserId"**,**userid**);  
 jsonObject.put(**"Type"**, **"restart"**);  
 jsonObject.put(**"Text"**, **""**);  
 jsonObject.put(**"List"**, **""**);  
 jsonObject.put(**"barcode"**, **""**);  
  
 }**catch** (JSONException e ){  
 }  
 RequestClassPost requestClassPost = **new** RequestClassPost(**activity**, jsonObject){  
 @Override  
 **protected void** onPostExecute(RequestReturn requestReturn) {  
 **super**.onPostExecute(requestReturn);  
 **if**(!requestReturn.isError()) {  
  
 restartDone();  
 }**else**{  
 restartError(requestReturn.getResponse());  
 }  
 }  
 };  
 requestClassPost.execute(**apiUrl** + **"addJob"**);  
 }  
 **public void** restartDone(){  
  
 }  
 **public void** restartError(String e){  
  
 }  
  
 **public void** barcode(String barcode){  
 JSONObject jsonObject = **new** JSONObject();  
 **try** {  
  
 jsonObject.put(**"UserId"**,**userid**);  
 jsonObject.put(**"Type"**, **"barcode"**);  
 jsonObject.put(**"Barcode"**, barcode);  
 jsonObject.put(**"Text"**, **""**);  
 jsonObject.put(**"List"**, **""**);  
  
 }**catch** (JSONException e ){  
 }  
 RequestClassPost requestClassPost = **new** RequestClassPost(**activity**, jsonObject){  
 @Override  
 **protected void** onPostExecute(RequestReturn requestReturn) {  
 **super**.onPostExecute(requestReturn);  
 Log.*d*(**"barcode"**, requestReturn.getResponse());  
 **if**(!requestReturn.isError()) {  
  
 barcodeDone();  
 }**else**{  
 barcodeError(requestReturn.getResponse());  
 }  
 }  
 };  
 requestClassPost.execute(**apiUrl** + **"addJob"**);  
 }  
  
 **public void** barcodeDone(){  
  
 }  
 **public void** barcodeError(String e){  
  
 }  
  
 **public** String createBarcode(){  
 **int**[] numbers = **new int**[13];  
 Random random = **new** Random();  
 **for**(**int** x =0; x<12; x++){  
 numbers[x] = random.nextInt(10);  
  
 }  
 **int** evensum = numbers[0] + numbers[2] + numbers[4] + numbers[6] + numbers[8] + numbers[10];  
 **int** unevensum = numbers[1] + numbers[3] + numbers[5] + numbers[7] + numbers[9] + numbers[11];  
 numbers[12] = (10-((evensum + unevensum\*3) %10)) %10;  
 **return** IntArrayToString(numbers);  
 }  
 **private** String IntArrayToString(**int**[] array) {  
 String strRet=**""**;  
 **for**(**int** i : array) {  
 strRet+=Integer.*toString*(i);  
 }  
 **return** strRet;  
 }  
  
 **public void** createItem(String barcode, String title){  
 JSONObject jsonObject = **new** JSONObject();  
 **try** {  
  
 jsonObject.put(**"UserId"**,**userid**);  
 jsonObject.put(**"Title"**, title);  
 jsonObject.put(**"Barcode"**, barcode);  
  
 }**catch** (JSONException e ){  
 }  
 RequestClassPost requestClassPost = **new** RequestClassPost(**activity**, jsonObject){  
 @Override  
 **protected void** onPostExecute(RequestReturn requestReturn) {  
 **super**.onPostExecute(requestReturn);  
 Log.*d*(**"barcode"**, requestReturn.getResponse());  
 **if**(!requestReturn.isError()) {  
  
 createItemDone();  
 }**else**{  
 createItemError(requestReturn.getResponse());  
 }  
 }  
 };  
 requestClassPost.execute(**apiUrl** + **"createItem"**);  
 }  
 **public void** createItemDone(){  
  
 }  
 **public void** createItemError(String e){  
  
 }  
 **public void** getLog(){  
 getLog(**"DESC"**);  
 }  
 **public void** getLog(**final** String order){  
 JSONObject jsonObject = **new** JSONObject();  
 **try** {  
  
 jsonObject.put(**"UserId"**,**userid**);  
 jsonObject.put(**"Sort"**, order);  
  
 }**catch** (JSONException e ){  
 }  
 **final** RequestClassPost requestClassPost = **new** RequestClassPost(**activity**, jsonObject){  
 @Override  
 **protected void** onPostExecute(RequestReturn requestReturn) {  
 **super**.onPostExecute(requestReturn);  
  
 **if**(!requestReturn.isError()) {  
  
 **try** {  
 ArrayList<LogItem> logs = processLog(requestReturn.getResponse());  
 getLogDone(logs);  
 **if**(isJSONValid(requestReturn.getResponse())) {  
 **if**(order.equals(**"ASC"**)) {  
 SmartfridgeSave.*setLogASCBackup*(**activity**, requestReturn.getResponse());  
 }**else**{  
 SmartfridgeSave.*setLogDESCBackup*(**activity**, requestReturn.getResponse());  
 }  
 }  
 }**catch** (JSONException e){  
 getLogError(e.getLocalizedMessage());  
  
 }  
 }**else**{  
 getLogError(requestReturn.getResponse());  
 }  
 }  
  
 };  
 requestClassPost.execute(**apiUrl** + **"getLog"**);  
 }  
 **public void** getLogDone(ArrayList<LogItem> items){  
  
 }  
 **public void** getLogError(String e){  
  
 }  
  
 **public** ArrayList<LogItem> processLog(String output) **throws** JSONException{  
 ArrayList<LogItem> logs = **new** ArrayList<LogItem>();  
 JSONArray reader = **new** JSONArray(output);  
 **for** (**int** x = 0; x < reader.length(); x++) {  
  
 JSONObject object = reader.getJSONObject(x);  
 LogItem log = **new** LogItem();  
 log.loadFromJson(object);  
 logs.add(log);  
 }  
**return** logs;  
 }  
  
 **public void** listJob(List<String> items){  
 JSONObject jsonObject = **new** JSONObject();  
 **try** {  
  
 JSONArray array = **new** JSONArray();  
 **for**(**int** x = 0;x<items.size();x++){  
  
 JSONObject object = **new** JSONObject();  
 object.put(**"Title"**, items.get(x));  
 array.put(object);  
  
 }  
 jsonObject.put(**"Items"**, array);  
 jsonObject.put(**"UserId"**,**userid**);  
 jsonObject.put(**"Type"**, **"list"**);  
  
 }**catch** (JSONException e ){  
 }  
 **final** RequestClassPost requestClassPost = **new** RequestClassPost(**activity**, jsonObject){  
 @Override  
 **protected void** onPostExecute(RequestReturn requestReturn) {  
 **super**.onPostExecute(requestReturn);  
  
 **if**(!requestReturn.isError()) {  
  
 listJobDone();  
  
 }**else**{  
 listJobError(requestReturn.getResponse());  
 }  
 }  
  
 };  
 requestClassPost.execute(**apiUrl** + **"addJob"**);  
 }  
 **public void** listJobDone(){  
  
 }  
 **public void** listJobError(String e){  
  
 }  
 **public void** getActive(){  
 JSONObject jsonObject = **new** JSONObject();  
 **try** {  
  
  
  
  
 jsonObject.put(**"UserId"**,**userid**);  
  
  
 }**catch** (JSONException e ){  
 }  
 **final** RequestClassPost requestClassPost = **new** RequestClassPost(**activity**, jsonObject){  
 @Override  
 **protected void** onPostExecute(RequestReturn requestReturn) {  
 **super**.onPostExecute(requestReturn);  
  
 **if**(!requestReturn.isError()) {  
 *//Y-m-d H:i:s* getActiveDone(requestReturn.getResponse());  
 **if**(isJSONValid(requestReturn.getResponse())){  
 Log.*d*(**"dit wordt opgeslagen"**, **"Jajajajja"**);  
 SmartfridgeSave.*setActiveBackup*(**activity**, requestReturn.getResponse());  
 }  
  
 }**else**{  
 getActiveError(requestReturn.getResponse());  
 }  
 }  
  
 };  
 requestClassPost.execute(**apiUrl** + **"getActive"**);  
 }  
 **public void** getActiveDone(String output){  
  
 }  
 **public void** getActiveError(String error){  
  
 }  
 **public void** setLogReset(){  
 JSONObject jsonObject = **new** JSONObject();  
 **try** {  
  
  
  
  
 jsonObject.put(**"UserId"**,**userid**);  
  
  
 }**catch** (JSONException e ){  
 }  
 **final** RequestClassPost requestClassPost = **new** RequestClassPost(**activity**, jsonObject){  
 @Override  
 **protected void** onPostExecute(RequestReturn requestReturn) {  
 **super**.onPostExecute(requestReturn);  
  
 **if**(!requestReturn.isError() && requestReturn.getResponse().equals(**"y"**)) {  
 *//Y-m-d H:i:s* setLogResetDone();  
  
  
 }**else**{  
 setLogResetError(requestReturn.getResponse());  
 }  
 }  
  
 };  
 requestClassPost.execute(**apiUrl** + **"resetLog"**);  
 }  
 **public void** setLogResetDone(){  
  
 }  
 **public void** setLogResetError(String error){  
  
 }  
  
  
}

#### SmartfridgeSave.java

**package** com.svshizzle.pws.smartfridge.api;  
  
**import** android.content.Context;  
**import** android.content.SharedPreferences;  
**import** android.util.Log;  
  
**import** com.svshizzle.pws.smartfridge.R;  
  
*/\*\*  
 \* Created by Arend-Jan on 5-11-2016.  
 \*/***public abstract class** SmartfridgeSave {  
 **public static boolean** getSignedin(Context context){  
 SharedPreferences sharedPreferences = context.getSharedPreferences(context.getResources().getString(R.string.***SharedPreferencesName***), 0);  
 **return** sharedPreferences.getBoolean(context.getString(R.string.***SharedPreferencesSignedIn***), **false**);  
 }  
 **public static** String getUserId (Context context){  
  
 SharedPreferences sharedPreferences = context.getSharedPreferences(context.getResources().getString(R.string.***SharedPreferencesName***), 0);  
 String output =sharedPreferences.getString(context.getString(R.string.***SharedPreferencesUserId***), **"asdrqwerqweerf"**);  
 Log.*d*(**"output="**, output);  
 Log.*d*(**"fuck"**, **"als alleen"**);  
 **return** output;  
  
 }  
 **public static** String getAPIURL ( Context context){  
 SharedPreferences sharedPreferences = context.getSharedPreferences(context.getResources().getString(R.string.***SharedPreferencesName***), 0);  
 String output = sharedPreferences.getString(context.getString(R.string.***SharedPreferencesAPIURL***), **"asdqwerqwerqwerqwerwqe"**);  
 Log.*d*(**"output="**, output);  
 Log.*d*(**"fuck"**, **"als alleen"**);  
 **return** output;  
 }  
 **public static void** setSignedin(Context context, **boolean** bool){  
 SharedPreferences sharedPreferences = context.getSharedPreferences(context.getResources().getString(R.string.***SharedPreferencesName***), 0);  
 SharedPreferences.Editor editor = sharedPreferences.edit();  
 editor.putBoolean(context.getString(R.string.***SharedPreferencesSignedIn***), bool);  
editor.commit();  
 }  
 **public static void** setUserId(Context context, String UID){  
 SharedPreferences sharedPreferences = context.getSharedPreferences(context.getResources().getString(R.string.***SharedPreferencesName***), 0);  
 SharedPreferences.Editor editor = sharedPreferences.edit();  
 editor.putString(context.getString(R.string.***SharedPreferencesUserId***), UID);  
 editor.commit();  
  
 }  
 **public static void** setAPIURL(Context context, String APIURL){  
 SharedPreferences sharedPreferences = context.getSharedPreferences(context.getResources().getString(R.string.***SharedPreferencesName***), 0);  
 SharedPreferences.Editor editor = sharedPreferences.edit();  
 editor.putString(context.getString(R.string.***SharedPreferencesAPIURL***), APIURL);  
 editor.commit();  
  
 }  
  
 **public static void** setContainsBackup(Context context, String containsBackup){  
 Log.*d*(**"what"**, containsBackup);  
 Log.*d*(**"eets"**, **"what"**);  
 SharedPreferences sharedPreferences = context.getSharedPreferences(context.getResources().getString(R.string.***SharedPreferencesName***), 0);  
 SharedPreferences.Editor editor = sharedPreferences.edit();  
 editor.putString(context.getString(R.string.***SharedPreferencesContainsBackup***), containsBackup);  
 editor.commit();  
 }  
 **public static void** setLogASCBackup(Context context, String logBackup){  
 Log.*d*(**"what"**, logBackup);  
 Log.*d*(**"eets"**, **"what"**);  
 SharedPreferences sharedPreferences = context.getSharedPreferences(context.getResources().getString(R.string.***SharedPreferencesName***), 0);  
 SharedPreferences.Editor editor = sharedPreferences.edit();  
 editor.putString(context.getString(R.string.***SharedPreferencesLogBackupASC***), logBackup);  
 editor.commit();  
 }  
 **public static void** setLogDESCBackup(Context context, String logBackup){  
 Log.*d*(**"what"**, logBackup);  
 Log.*d*(**"eets"**, **"what"**);  
 SharedPreferences sharedPreferences = context.getSharedPreferences(context.getResources().getString(R.string.***SharedPreferencesName***), 0);  
 SharedPreferences.Editor editor = sharedPreferences.edit();  
 editor.putString(context.getString(R.string.***SharedPreferencesLogBackupDESC***), logBackup);  
 editor.commit();  
 }  
 **public static** String getContainsBackup ( Context context){  
  
 SharedPreferences sharedPreferences = context.getSharedPreferences(context.getResources().getString(R.string.***SharedPreferencesName***), 0);  
 String output = sharedPreferences.getString(context.getString(R.string.***SharedPreferencesContainsBackup***), **""**);  
 Log.*d*(**"what"**, output);  
 Log.*d*(**"eets"**, **"getcontains"**);  
 **return** output;  
 }  
 **public static** String getLogASCBackup ( Context context){  
 SharedPreferences sharedPreferences = context.getSharedPreferences(context.getResources().getString(R.string.***SharedPreferencesName***), 0);  
 String output = sharedPreferences.getString(context.getString(R.string.***SharedPreferencesLogBackupASC***), **""**);  
  
 **return** output;  
 }  
 **public static** String getLogDESCBackup ( Context context){  
 SharedPreferences sharedPreferences = context.getSharedPreferences(context.getResources().getString(R.string.***SharedPreferencesName***), 0);  
 String output = sharedPreferences.getString(context.getString(R.string.***SharedPreferencesLogBackupDESC***), **""**);  
  
 **return** output;  
 }  
  
 **public static void** setActiveBackup(Context context, String logBackup){  
 Log.*d*(**"what"**, logBackup);  
 Log.*d*(**"eets"**, **"setactive"**);  
 SharedPreferences sharedPreferences = context.getSharedPreferences(context.getResources().getString(R.string.***SharedPreferencesName***), 0);  
 SharedPreferences.Editor editor = sharedPreferences.edit();  
 editor.putString(context.getString(R.string.***SharedPreferencesActiveBackup***), logBackup);  
 editor.commit();  
 }  
 **public static** String getActiveBackup ( Context context){  
  
 SharedPreferences sharedPreferences = context.getSharedPreferences(context.getResources().getString(R.string.***SharedPreferencesName***), 0);  
 String output = sharedPreferences.getString(context.getString(R.string.***SharedPreferencesActiveBackup***), **""**);  
 Log.*d*(**"what"**, output);  
 Log.*d*(**"eets"**, **"getactive"**);  
 **return** output;  
 }  
  
}

### model

Een model is een klasse waar objecten van gemaakt worden met bepaalde eigenschappen. Deze objecten kunnen dan makkelijker gebruikt worden dan meerdere losse variabelen.

#### Item.java

**package** com.svshizzle.pws.smartfridge.model;  
  
**import** org.json.JSONException;  
**import** org.json.JSONObject;  
  
*/\*\*  
 \* Created by Arend-Jan on 28-10-2016.  
 \*/***public class** Item {  
 **int closed** = 0;  
 **int open** = 0;  
 String **title** = **""**;  
 **int id** = 0;  
 String **barcode** = **""**;  
  
 **public** Item(**int** closed, **int** open, String title, **int** id, String barcode) {  
 **this**.**closed** = closed;  
 **this**.**open** = open;  
 **this**.**title** = title;  
 **this**.**id** = id;  
 **this**.**barcode** = barcode;  
 }  
 **public** Item(){  
  
 }  
 **public int** getClosed() {  
 **return closed**;  
 }  
  
 **public void** setClosed(**int** closed) {  
 **this**.**closed** = closed;  
 }  
  
 **public int** getOpen() {  
 **return open**;  
 }  
  
 **public void** setOpen(**int** open) {  
 **this**.**open** = open;  
 }  
  
 **public** String getTitle() {  
 **return title**;  
 }  
  
 **public void** setTitle(String title) {  
 **this**.**title** = title;  
 }  
  
 **public int** getId() {  
 **return id**;  
 }  
  
 **public void** setId(**int** id) {  
 **this**.**id** = id;  
 }  
  
 **public** String getBarcode() {  
 **return barcode**;  
 }  
  
 **public void** setBarcode(String barcode) {  
 **this**.**barcode** = barcode;  
 }  
  
 **public** Item loadFromJson(JSONObject object){  
 **try** {  
  
  
 **this**.**closed** = object.getInt(**"Closed"**);  
 **this**.**open** = object.getInt(**"Open"**);  
 **this**.**title** = object.getString(**"Name"**);  
 **this**.**id** = object.getInt(**"Id"**);  
 **this**.**barcode** = object.getString(**"Barcode"**);  
 **return this**;  
 }**catch** (JSONException e){  
  
 }  
 **return this**;  
 }  
}

#### LogItem.java

**package** com.svshizzle.pws.smartfridge.model;  
  
**import** android.util.Log;  
  
**import** org.json.JSONException;  
**import** org.json.JSONObject;  
  
*/\*\*  
 \* Created by Arend-Jan on 14-11-2016.  
 \*/***public class** LogItem {  
 **private int id** = 0;  
 **private** String **time** = **""**;  
 **private** String **script** = **""**;  
 **private** JSONObject **parameters**;  
 **private** String **userId** = **""**;  
 **private** JSONObject **jobDetails**;  
 **private** JSONObject **itemDetails**;  
  
 **public** LogItem() {  
 }  
  
 **public** LogItem(**int** id, String time, String script, JSONObject parameters, String userId) {  
 **this**.**id** = id;  
 **this**.**time** = time;  
 **this**.**script** = script;  
 **this**.**parameters** = parameters;  
 **this**.**userId** = userId;  
 }  
  
 **public int** getId() {  
 **return id**;  
 }  
  
 **public void** setId(**int** id) {  
 **this**.**id** = id;  
 }  
  
 **public** String getTime() {  
 **return time**;  
 }  
  
 **public void** setTime(String time) {  
 **this**.**time** = time;  
 }  
  
 **public** String getScript() {  
 **return script**;  
 }  
  
 **public void** setScript(String script) {  
 **this**.**script** = script;  
 }  
  
 **public** JSONObject getParameters() {  
 **return parameters**;  
 }  
  
 **public void** setParameters(JSONObject parameters) {  
 **this**.**parameters** = parameters;  
 }  
  
 **public** String getUserId() {  
 **return userId**;  
 }  
  
 **public void** setUserId(String userId) {  
 **this**.**userId** = userId;  
 }  
  
 **public** LogItem loadFromJson(JSONObject object){  
 **try** {  
  
  
 **this**.**time** = object.getString(**"Time"**);  
 **this**.**id** = object.getInt(**"ID"**);  
 **this**.**script** = object.getString(**"Script"**);  
 **try** {  
 **this**.**parameters** = object.getJSONObject(**"Params"**);  
 }**catch** (JSONException e){  
 **this**.**parameters** = **new** JSONObject();  
 }  
 **this**.**userId** = object.getString(**"UserId"**);  
 Log.*d*(**"script="**, **script**);  
 **if**(**"markJob.php"**.equals(**script**)){  
  
 **this**.**jobDetails** = object.getJSONObject(**"JobDetails"**);  
 }  
 **if**(**"itemChange.php"**.equals(**script**)){  
 **this**.**itemDetails** = object.getJSONObject(**"ItemDetails"**);  
 }  
  
 **return this**;  
 }**catch** (JSONException e){  
 Log.*d*(**"what?"**, e.getLocalizedMessage());  
 }  
 **return this**;  
 }  
  
 **public** JSONObject getJobDetails() {  
 **return jobDetails**;  
 }  
  
 **public void** setJobDetails(JSONObject jobDetails) {  
 **this**.**jobDetails** = jobDetails;  
 }  
  
 **public** JSONObject getItemDetails() {  
 **return itemDetails**;  
 }  
  
 **public void** setItemDetails(JSONObject itemDetails) {  
 **this**.**itemDetails** = itemDetails;  
 }  
}

#### NavDrawerItem.java

**package** com.svshizzle.pws.smartfridge.model;  
  
*/\*\*  
 \* Created by Arend-Jan on 3-10-2016.  
 \* \_\_\_\_ \_\_\_\_ \_\_\_\_\_ \_ \_\_\_\_ \_ \_\_\_\_ \_  
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 \*/  
/\*\*  
 \* Created by Ravi on 29/07/15.  
 \*/***public class** NavDrawerItem {  
 **private boolean showNotify**;  
 **private** String **title**;  
  
  
 **public** NavDrawerItem() {  
  
 }  
  
 **public** NavDrawerItem(**boolean** showNotify, String title) {  
 **this**.**showNotify** = showNotify;  
 **this**.**title** = title;  
 }  
  
 **public boolean** isShowNotify() {  
 **return showNotify**;  
 }  
  
 **public void** setShowNotify(**boolean** showNotify) {  
 **this**.**showNotify** = showNotify;  
 }  
  
 **public** String getTitle() {  
 **return title**;  
 }  
  
 **public void** setTitle(String title) {  
 **this**.**title** = title;  
 }  
}

#### ShoppingListHolder.java

**package** com.svshizzle.pws.smartfridge.model;  
**import** android.widget.ImageView;  
**import** android.widget.TextView;  
**import** android.widget.CheckBox;  
  
**public class** ShoppingListHolder {  
  
  
 **public** TextView **txtTfitle**;  
 **public** CheckBox **chkfSelect**;  
}

#### ShoppingListItem.java

**package** com.svshizzle.pws.smartfridge.model;  
  
**import** android.util.SparseBooleanArray;  
  
*/\*\*  
 \* Created by Arend-Jan on 18-11-2016.  
 \*/***public class** ShoppingListItem {  
  
 String **barcode** = **""**;  
 String **title** = **""**;  
 **int amount** = 0;  
 **boolean checked** = **true**;  
  
 **public** ShoppingListItem(String barcode, String title, **int** amount) {  
 **this**.**barcode** = barcode;  
 **this**.**title** = title;  
 **this**.**amount** = amount;  
  
 }  
  
 **public** String getBarcode() {  
 **return barcode**;  
 }  
  
 **public void** setBarcode(String barcode) {  
 **this**.**barcode** = barcode;  
 }  
  
 **public** String getTitle() {  
 **return title**;  
 }  
  
 **public void** setTitle(String title) {  
 **this**.**title** = title;  
 }  
  
 **public int** getAmount() {  
 **return amount**;  
 }  
  
 **public void** setAmount(**int** amount) {  
 **this**.**amount** = amount;  
 }  
  
 **public boolean** isChecked() {  
 **return checked**;  
 }  
  
 **public void** setCheck(**boolean** checked) {  
 **this**.**checked** = checked;  
 }  
 **public** String getAmountString(){  
 **return amount**+**""**;  
 }  
}

### request

#### RequestClassPost.java

**package** com.svshizzle.pws.smartfridge.request;  
  
**import** android.content.Context;  
  
**import** android.net.ConnectivityManager;  
**import** android.os.AsyncTask;  
**import** android.preference.PreferenceManager;  
**import** android.util.Log;  
  
**import** org.json.JSONObject;  
  
**import** java.io.BufferedInputStream;  
**import** java.io.BufferedReader;  
**import** java.io.DataInputStream;  
**import** java.io.DataOutputStream;  
**import** java.io.IOException;  
**import** java.io.InputStream;  
**import** java.io.InputStreamReader;  
**import** java.io.PrintWriter;  
**import** java.net.HttpURLConnection;  
**import** java.net.MalformedURLException;  
**import** java.net.SocketTimeoutException;  
**import** java.net.URL;  
**import** java.net.URLConnection;  
**import** java.net.URLEncoder;  
**import** java.util.HashMap;  
**import** java.util.Map;  
**import** java.util.Scanner;  
  
*/\*\*  
 \* Created by Arend-Jan on 26-10-2016.  
 \* \_\_\_\_ \_\_\_\_ \_\_\_\_\_ \_ \_\_\_\_ \_ \_\_\_\_ \_  
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 \* \\_/ \|\\_/\\_\\\_\_\_\_\\\_/ \|\\_\_\_\_/ \\_\_\_\_/\\_/ \|\\_/ \|  
 \*/***public class** RequestClassPost **extends** AsyncTask<String, String, RequestReturn> {  
  
  
 **private boolean error** = **false**; *//If there was an error.* **private** Context **activity**;  
 **private** JSONObject **jsonObject**;  
 **public** RequestClassPost(Context x, JSONObject jsonObject){  
 **this**.**activity** = x;  
 **this**.**jsonObject** = jsonObject;  
 }  
   
 **public static** String requestUrl(String url, String postParameters)  
 {  
  
  
  
 HttpURLConnection urlConnection = **null**;  
 **try** {  
 *// create connection* URL urlToRequest = **new** URL(url);  
 urlConnection = (HttpURLConnection) urlToRequest.openConnection();  
  
 Log.*d*(**"asdfasdfxzcv"**, postParameters);  
 *// handle POST parameters* **if** (postParameters != **null**) {  
  
 Log.*d*(**"llel"**, **"dit"**);  
  
 urlConnection.setDoOutput(**true**);  
 urlConnection.setRequestMethod(**"POST"**);  
 urlConnection.setFixedLengthStreamingMode(  
 postParameters.getBytes().**length**);  
 urlConnection.setRequestProperty(**"Content-Type"**,  
 **"application/x-www-form-urlencoded"**);  
  
 *//send the POST out* PrintWriter out = **new** PrintWriter(urlConnection.getOutputStream());  
 out.print(postParameters);  
 out.close();  
 }  
  
 *// handle issues* **int** statusCode = urlConnection.getResponseCode();  
 **if** (statusCode != HttpURLConnection.***HTTP\_OK***) {  
 *// throw some exception* }  
  
  
 InputStream in =  
 **new** BufferedInputStream(urlConnection.getInputStream());  
 **return** *getResponseText*(in);  
  
  
  
 } **catch** (MalformedURLException e) {  
 Log.*d*(**"malformedurlexception"**, e.getLocalizedMessage());  
 *// handle invalid URL* } **catch** (SocketTimeoutException e) {  
 Log.*d*(**"sockettimeout"**, e.getLocalizedMessage());*// hadle timeout* } **catch** (IOException e) {  
 Log.*d*(**"ioexception"**, e.getLocalizedMessage());*// handle I/0* Log.*d*(**"uitleg"**, e.getMessage());  
 Log.*d*(**"uitleg"**, e.getStackTrace().toString());  
 } **finally** {  
 **if** (urlConnection != **null**) {  
 urlConnection.disconnect();  
 }  
 }  
 Log.*d*(**"kut"**, **"Fuckkkkkkkkkkk"**);  
 **return null**;  
 }  
 @Override  
 **public** RequestReturn doInBackground(String... uri) {  
 **if**(!isNetworkAvailable(**activity**)){  
 **return new** RequestReturn(**"No internet connection"**, **true**);  
 }  
 Map<String, String> map = **new** HashMap<String, String>();  
 map.put(**"JSON"**,**jsonObject**.toString());  
 String output = *requestUrl*(uri[0], *createQueryStringForParameters*(map));  
 **if**(output == **null**){  
 **return new** RequestReturn(**"null"**, **true**);  
 }  
 **return new** RequestReturn(output, **false**);  
  
 }  
 **private static** String getResponseText(InputStream inStream) {  
 *// very nice trick from  
 // http://weblogs.java.net/blog/pat/archive/2004/10/stupid\_scanner\_1.html* Log.*d*(**"getres"**, **"scanner"**);  
 **return new** Scanner(inStream).useDelimiter(**"\\A"**).next();  
 }  
 **private static final char *PARAMETER\_DELIMITER*** = **'&'**;  
 **private static final char *PARAMETER\_EQUALS\_CHAR*** = **'='**;  
 **public static** String createQueryStringForParameters(Map<String, String> parameters) {  
 StringBuilder parametersAsQueryString = **new** StringBuilder();  
 **if** (parameters != **null**) {  
 **boolean** firstParameter = **true**;  
  
 **for** (String parameterName : parameters.keySet()) {  
 **if** (!firstParameter) {  
 parametersAsQueryString.append(***PARAMETER\_DELIMITER***);  
 }  
  
 parametersAsQueryString.append(parameterName)  
 .append(***PARAMETER\_EQUALS\_CHAR***)  
 .append(URLEncoder.*encode*(  
 parameters.get(parameterName)));  
  
 firstParameter = **false**;  
 }  
 }  
 Log.*d*(**"anoes"**,parametersAsQueryString.toString());  
 **return** parametersAsQueryString.toString();  
 }  
 **public boolean** isNetworkAvailable(**final** Context context) {  
 **final** ConnectivityManager connectivityManager = ((ConnectivityManager) context.getSystemService(Context.***CONNECTIVITY\_SERVICE***));  
 **return** connectivityManager.getActiveNetworkInfo() != **null** && connectivityManager.getActiveNetworkInfo().isConnected();  
 }  
}

#### RequestReturn.java

**package** com.svshizzle.pws.smartfridge.request;  
  
*/\*\*  
 \* Created by Arend-Jan on 29-3-2016.  
 \* \_\_\_\_ \_\_\_\_ \_\_\_\_\_ \_ \_\_\_\_ \_ \_\_\_\_ \_  
 \* / \_ \/ \_\_\/ \_\_// \ /|/ \_ \ / |/ \_ \/ \ /|  
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 \* \\_/ \|\\_/\\_\\\_\_\_\_\\\_/ \|\\_\_\_\_/ \\_\_\_\_/\\_/ \|\\_/ \|  
 \*/***public class** RequestReturn {  
  
 **public** RequestReturn(String response, **boolean** error) {  
 **this**.**error** = error;  
 **this**.**response** = response;  
 }  
  
 **public boolean** isError() {  
 **return error**;  
 }  
  
 **public void** setError(**boolean** error) {  
 **this**.**error** = error;  
 }  
  
 **public** String getResponse() {  
 **return response**;  
 }  
  
 **public void** setResponse(String response) {  
 **this**.**response** = response;  
 }  
  
 **public boolean error** = **false**;  
 **public** String **response** = **""**;  
  
}

## Strings

Dit zijn alle strings(teksten) die in de app worden gebruikt. Het kan zijn dat er soms een losse voorkomt voor debuggen, maar die worden eruit gehaald met het exporteren van de app.

<**resources**>  
  
 <**string name="app\_name"**>Smartfridge</**string**>  
 <**string name="title\_activity\_login"**>Sign in</**string**>  
 <**string name="loginText"**>Please enter your UserId and the URL of the Smartfridge API.</**string**>  
 <**string name="loginAPIURL"**>http://pws.svshizzle.com/api/</**string**>  
 <**string name="loginUserIdHint"**>Your UserId</**string**>  
 <**string name="loginUserIdEmpty"**>You forgot to enter a UserId.</**string**>  
 <**string name="loginAPIURLEmpty"**>You forgot to enter a API URL.</**string**>  
<**string name="loginDialogUserIdCheck"**>Checking your UserId.</**string**>  
 <**string name="loginAPIURLFaulty"**>The API URL you provided is not correct.</**string**>  
 <**string name="loginDialogTitle"**>Signing in...</**string**>  
 <**string name="loginDialogTextAPIURLCheck"**>Checking the API URL you provided.</**string**>  
  
 <**string name="loginUserIdFaulty"**>TheUserId you entered is not correct.</**string**>  
 <**string name="drawer\_open"**>Open</**string**>  
 <**string name="drawer\_close"**>Close</**string**>  
  
 <**string name="nav\_item\_home"**>Home</**string**>  
 <**string name="nav\_item\_jobs"**>Jobs</**string**>  
 <**string name="nav\_item\_log"**>Log</**string**>  
 <**string name="nav\_item\_settings"**>Settings</**string**>  
 *<!-- navigation drawer item labels -->* <**string-array name="nav\_drawer\_labels"**>  
 <**item**>@string/nav\_item\_home</**item**>  
 <**item**>@string/nav\_item\_jobs</**item**>  
 <**item**>@string/nav\_item\_log</**item**>  
 <**item**>@string/title\_list</**item**>  
  
 </**string-array**>  
  
 <**string name="title\_home"**>Home</**string**>  
 <**string name="title\_jobs"**>Jobs</**string**>  
 <**string name="title\_log"**>Log</**string**>  
 <**string name="title\_list"**>Shopping List</**string**>  
 <**string name="title\_settings"**>Settings</**string**>  
  
 <**string name="noInternetMessage"**>Oops, you currently don\'t have a network connection. Try again when you do.</**string**>  
  
  
 *<!--  
 All the api server files etc-->* <**string name="APIServerCheck"**>serverCheck</**string**>  
 <**string name="APIUserIdCheck"**>userIdCheck</**string**>  
  
  
 <**string name="SharedPreferencesUserId"**>userid</**string**>  
 <**string name="SharedPreferencesSignedIn"**>signedin</**string**>  
 <**string name="SharedPreferencesAPIURL"**>apiurl</**string**>  
 <**string name="SharedPreferencesName"**>preferences</**string**>  
 <**string name="SharedPreferencesContainsBackup"**>containsbackup</**string**>  
 <**string name="SharedPreferencesLogBackupASC"**>logbackupASC</**string**>  
 <**string name="SharedPreferencesLogBackupDESC"**>logbackupDESC</**string**>  
 <**string name="SharedPreferencesActiveBackup"**>activebackup</**string**>  
  
  
 *<!--  
 Texts for the buttons @job  
 -->* <**string name="jobs\_shutdown\_button"**>Shutdown</**string**>  
 <**string name="jobs\_shutdown\_text"**>Send a message to the fridge to shutdown:</**string**>  
 <**string name="jobs\_shutdown\_text\_done"**>Shutdown message sent!</**string**>  
 <**string name="jobs\_restart\_button"**>Restart</**string**>  
 <**string name="jobs\_restart\_text"**>Restart the fridge computer:</**string**>  
 <**string name="jobs\_restart\_text\_done"**>The fridge will restart soon!</**string**>  
 <**string name="jobs\_print\_text"**>Print a text:</**string**>  
 <**string name="jobs\_print\_button"**>Print</**string**>  
 <**string name="jobs\_print\_text\_done"**>Text printed!</**string**>  
 <**string name="jobs\_barcode\_text"**>Print a barcode for an item,\n fill in the title here:</**string**>  
 <**string name="jobs\_barcode\_button"**>Print barcode</**string**>  
 <**string name="jobs\_barcode\_hint"**>Box of cookies</**string**>  
 <**string name="jobs\_barcode\_text\_done"**>Barcode is being printed</**string**>  
 <**string name="jobs\_barcode\_text\_create\_done"**>Item added to database</**string**>  
  
 <**string name="log\_item\_markJob"**>The job with id %1$s was done.</**string**>  
 <**string name="log\_item\_markJob\_barcode"**>A barcode(%1$s) was printed. #%2$s</**string**>  
 <**string name="log\_item\_markJob\_text"**>A text(%1$s) came out of the printer. #%2$s</**string**>  
 <**string name="log\_item\_markJob\_reboot"**>The fridge rebooted. #%1$s</**string**>  
 <**string name="log\_item\_markJob\_shutdown"**>The fridge went down. #%1$s</**string**>  
  
  
 <**string name="log\_item\_createJob\_shutdown"**>A shutdown command was sent.</**string**>  
 <**string name="log\_item\_createJob\_reboot"**>A reboot command was sent.</**string**>  
 <**string name="log\_item\_createJob\_barcode"**>A barcode(%1$s) job was added.</**string**>  
 <**string name="log\_item\_createJob\_text"**>A text(%1$s) was printed.</**string**>  
 <**string name="log\_item\_createJob\_list"**>A list of items was added to the fridges jobs.</**string**>  
 <**string name="log\_item\_createJob"**>A job was added.</**string**>  
  
 <**string name="log\_item\_itemChange\_del"**>You removed an item(%1$s) from the fridge.</**string**>  
 <**string name="log\_item\_itemChange\_open"**>An open item(%1$s) was added to the fridge.</**string**>  
 <**string name="log\_item\_itemChange\_add"**>An closed item(%1$s) was added to the fridge.</**string**>  
 <**string name="log\_item\_itemChange"**>An item(%1$s) was changed.</**string**>  
  
 *<!--Text for the button of the shopping list  
  
 -->*<**string name="ShoppingListButtonText"**>Print the shoppinglist!</**string**>  
 <**string name="homeSwitchText"**>Only current items / All</**string**>  
 <**string name="textview"**> </**string**>  
  
</**resources**>

## Layout

Dit zijn de bestanden die de looks van de app definieren.

### activity\_home\_fragment.xml

*<?***xml version="1.0" encoding="utf-8"***?>*<**LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="vertical"  
 android:paddingBottom="@dimen/activity\_vertical\_margin"  
 android:paddingLeft="@dimen/activity\_horizontal\_margin"  
 android:paddingRight="@dimen/activity\_horizontal\_margin"  
 android:paddingTop="@dimen/activity\_vertical\_margin"  
 tools:context="com.svshizzle.pws.smartfridge.activity.HomeFragment"**>  
  
  
 <**TextView  
 android:id="@+id/homeActiveTextView"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="@string/textview"** />  
  
 <**Switch  
 android:id="@+id/homeSwitch"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="@string/homeSwitchText"** />  
  
 <**android.support.v4.widget.SwipeRefreshLayout  
 android:id="@+id/homeScrollView"  
 android:layout\_width="match\_parent"  
 android:layout\_height="fill\_parent"  
 android:layout\_weight="1"**>  
  
 <**ListView  
 android:id="@+id/homeListView"  
 android:layout\_width="match\_parent"  
 android:layout\_height="fill\_parent"** />  
 </**android.support.v4.widget.SwipeRefreshLayout**>  
  
</**LinearLayout**>

### activity\_item\_dialog.xml

*<?***xml version="1.0" encoding="utf-8"***?>*<**RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:paddingBottom="@dimen/activity\_vertical\_margin"  
 android:paddingLeft="@dimen/activity\_horizontal\_margin"  
 android:paddingRight="@dimen/activity\_horizontal\_margin"  
 android:paddingTop="@dimen/activity\_vertical\_margin"  
 tools:context="com.svshizzle.pws.smartfridge.activity.ItemDialog"**>  
  
 <**LinearLayout  
 android:orientation="vertical"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentTop="true"  
 android:layout\_alignParentLeft="true"  
 android:layout\_alignParentStart="true"**>  
  
 <**LinearLayout  
 android:orientation="horizontal"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"**>  
  
 <**ViewSwitcher  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
 android:id="@+id/ItemDialogViewSwitcher"**>  
  
 <**TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:textAppearance="?android:attr/textAppearanceLarge"  
 android:text="Large Text"  
 android:id="@+id/ItemDialogTitle"  
 android:layout\_weight="1"** />  
  
 <**EditText  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:inputType="textPersonName"  
 android:text="Name"  
 android:ems="10"  
 android:id="@+id/ItemDialogTitleEdit"** />  
  
 </**ViewSwitcher**>  
  
 <**Button  
  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/ItemDialogTitleButton"  
 android:layout\_weight="1"  
 android:background="@android:drawable/ic\_menu\_edit"** />  
 </**LinearLayout**>  
  
 <**TextView  
 android:text="TextView"  
 android:layout\_width="match\_parent"  
 android:textAppearance="?android:textAppearanceSmall"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/ItemDialogBarcode"** />  
  
 <**LinearLayout  
 android:orientation="horizontal"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"**>  
  
 <**TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
  
 android:text="Open:"  
 android:textSize="18sp"  
 android:id="@+id/ItemDialogOpen"** />  
  
 <**Button  
 android:text="+"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/ItemDialogOpenIncreaseButton"  
 android:textSize="24sp"  
 android:minWidth="1dp"  
 android:minHeight="1dp"  
 android:background="@null"** />  
  
 <**TextView  
 android:text="10"  
 android:layout\_width="wrap\_content"  
 android:id="@+id/ItemDialogOpenAmount"  
 android:layout\_height="wrap\_content"  
 android:textSize="18sp"  
 android:padding="10dp"** />  
  
 <**Button  
 android:text="-"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/ItemDialogOpenDecreaseButton"  
 android:textSize="24sp"  
 android:minHeight="1dp"  
 android:minWidth="1dp"  
 android:gravity="right|end"  
 android:background="@null"** />  
  
 </**LinearLayout**>  
 <**LinearLayout  
 android:orientation="horizontal"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"**>  
  
 <**TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:textSize="18sp"  
 android:text="Closed:"  
 android:id="@+id/ItemDialogClosed"** />  
  
 <**Button  
 android:text="+"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:textSize="24sp"  
 android:minWidth="1dp"  
 android:minHeight="1dp"  
 android:background="@null"  
 android:id="@+id/ItemDialogClosedIncreaseButton"**/>  
  
 <**TextView  
 android:text="10"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:padding="10dp"  
 android:textSize="18sp"  
 android:id="@+id/ItemDialogClosedAmount"** />  
  
 <**Button  
 android:text="-"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/ItemDialogClosedDecreaseButton"  
 android:textSize="24sp"  
 android:minHeight="1dp"  
 android:minWidth="1dp"  
 android:gravity="right|end"  
 android:background="@null"** />  
  
 </**LinearLayout**>  
 <**LinearLayout  
 android:orientation="horizontal"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:gravity="bottom"**>  
  
 <**Button  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Ok"  
 android:id="@+id/ItemDialogOk"  
  
 android:layout\_alignParentRight="true"  
 android:layout\_alignParentEnd="true"** />  
  
 </**LinearLayout**>  
  
 </**LinearLayout**>  
  
</**RelativeLayout**>

### activity\_job\_fragment.xml

*<?***xml version="1.0" encoding="utf-8"***?>*<**RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:paddingBottom="@dimen/activity\_vertical\_margin"  
 android:paddingLeft="@dimen/activity\_horizontal\_margin"  
 android:paddingRight="@dimen/activity\_horizontal\_margin"  
 android:paddingTop="@dimen/activity\_vertical\_margin"  
 tools:context="com.svshizzle.pws.smartfridge.activity.HomeFragment"**>  
  
 <**LinearLayout  
 android:orientation="vertical"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"** >  
  
 <**LinearLayout  
 android:orientation="horizontal"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"**>  
  
 <**TextView  
 android:text="@string/jobs\_shutdown\_text"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/textView"  
 android:layout\_weight="1"  
 tools:text="@string/jobs\_shutdown\_text"** />  
  
 <**Button  
 android:text="@string/jobs\_shutdown\_button"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/jobs\_shutdown\_button"  
 android:layout\_weight="1"  
 tools:text="@string/jobs\_shutdown\_button"** />  
  
 </**LinearLayout**>  
  
 <**LinearLayout  
 android:orientation="horizontal"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"** >  
  
 <**TextView  
 android:text="@string/jobs\_restart\_text"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/textView2"  
 android:layout\_weight="1"  
 tools:text="@string/jobs\_restart\_text"** />  
  
 <**Button  
 android:text="@string/jobs\_restart\_button"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/jobs\_restart\_button"  
 android:layout\_weight="1"  
 tools:text="@string/jobs\_restart\_button"** />  
  
 </**LinearLayout**>  
  
 <**View  
 android:layout\_width="match\_parent"  
 android:layout\_height="2dip"  
 android:background="#000000"**/>  
 <**LinearLayout  
 android:orientation="horizontal"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"**>  
  
 <**TextView  
 android:text="@string/jobs\_print\_text"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/textView3"  
 android:layout\_weight="1"  
 tools:text="@string/jobs\_print\_text"** />  
  
 <**EditText  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:inputType="textPersonName"  
 android:text="Hi Fridge"  
 android:ems="10"  
 android:id="@+id/jobs\_print\_editText"  
 android:layout\_weight="1"** />  
 </**LinearLayout**>  
  
 <**Button  
 android:text="@string/jobs\_print\_button"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/jobs\_print\_button"  
 tools:text="@string/jobs\_print\_button"** />  
  
 <**View  
 android:layout\_width="match\_parent"  
 android:layout\_height="2dip"  
 android:background="#000000"**/>  
  
 <**LinearLayout  
 android:orientation="horizontal"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"**>  
  
 <**TextView  
 android:text="@string/jobs\_barcode\_text"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/textView4"  
 tools:text="@string/jobs\_barcode\_text"** />  
  
 <**EditText  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:inputType="textPersonName"  
 android:text="@string/jobs\_barcode\_hint"  
 android:ems="10"  
 android:id="@+id/jobs\_barcode\_edittext"  
 android:layout\_weight="1"  
 tools:text="@string/jobs\_barcode\_hint"** />  
 </**LinearLayout**>  
  
 <**Button  
 android:text="@string/jobs\_barcode\_button"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/jobs\_barcode\_button"  
 tools:text="@string/jobs\_barcode\_button"** />  
  
  
 </**LinearLayout**>  
  
</**RelativeLayout**>

### activity\_list\_fragment.xml

*<?***xml version="1.0" encoding="utf-8"***?>*<**RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:paddingBottom="@dimen/activity\_vertical\_margin"  
 android:paddingLeft="@dimen/activity\_horizontal\_margin"  
 android:paddingRight="@dimen/activity\_horizontal\_margin"  
 android:paddingTop="@dimen/activity\_vertical\_margin"  
 tools:context="com.svshizzle.pws.smartfridge.activity.HomeFragment"**>  
<**android.support.v4.widget.SwipeRefreshLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/shoppingListRefresh"**>  
 <**ListView  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:id="@+id/shoppingListListView"** />  
</**android.support.v4.widget.SwipeRefreshLayout**>  
  
 <**LinearLayout  
 android:orientation="horizontal"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentTop="false"  
 android:layout\_alignParentStart="false"  
 android:layout\_alignParentBottom="true"**>  
  
 <**Button  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/shoppingListButton"  
 android:text="@string/ShoppingListButtonText"  
 android:layout\_alignParentTop="false"  
 android:layout\_alignParentStart="false"  
 android:layout\_alignParentBottom="true"  
 android:layout\_weight="2"** />  
 <**Button  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
 android:id="@+id/shoppingListReset"  
 android:layout\_alignParentTop="false"  
 android:layout\_alignParentStart="false"  
 android:layout\_alignParentBottom="true"  
 android:text="Reset"**/>  
 </**LinearLayout**>  
  
</**RelativeLayout**>

### activity\_log\_fragment.xml

*<?***xml version="1.0" encoding="utf-8"***?>*<**RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:paddingBottom="@dimen/activity\_vertical\_margin"  
 android:paddingLeft="@dimen/activity\_horizontal\_margin"  
 android:paddingRight="@dimen/activity\_horizontal\_margin"  
 android:paddingTop="@dimen/activity\_vertical\_margin"  
 tools:context="com.svshizzle.pws.smartfridge.activity.HomeFragment"**>  
 <**android.support.v4.widget.SwipeRefreshLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:id="@+id/logScrollView"**>  
 <**ListView  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:id="@+id/logListView"** />  
 </**android.support.v4.widget.SwipeRefreshLayout**>  
</**RelativeLayout**>

### activity\_main.xml

<**android.support.v4.widget.DrawerLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:id="@+id/drawer\_layout"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"**>  
  
  
 <**LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="vertical"**>  
  
 <**LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:orientation="vertical"**>  
  
 <**include  
 android:id="@+id/toolbar"  
 layout="@layout/toolbar"** />  
 </**LinearLayout**>  
  
 <**FrameLayout  
 android:id="@+id/container\_body"  
 android:layout\_width="fill\_parent"  
 android:layout\_height="0dp"  
 android:layout\_weight="1"** />  
  
  
 </**LinearLayout**>  
  
  
 <**fragment  
 android:id="@+id/fragment\_navigation\_drawer"  
 android:name="com.svshizzle.pws.smartfridge.activity.FragmentDrawer"  
 android:layout\_width="@dimen/nav\_drawer\_width"  
 android:layout\_height="match\_parent"  
 android:layout\_gravity="start"  
 app:layout="@layout/fragment\_navigation\_drawer"  
 tools:layout="@layout/fragment\_navigation\_drawer"** />  
  
</**android.support.v4.widget.DrawerLayout**>

### content\_login.xml

*<?***xml version="1.0" encoding="utf-8"***?>*<**RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:paddingBottom="@dimen/activity\_vertical\_margin"  
 android:paddingLeft="@dimen/activity\_horizontal\_margin"  
 android:paddingRight="@dimen/activity\_horizontal\_margin"  
 android:paddingTop="@dimen/activity\_vertical\_margin"  
 app:layout\_behavior="@string/appbar\_scrolling\_view\_behavior"  
 tools:context="com.svshizzle.pws.smartfridge.activity.Login"  
 tools:showIn="@layout/activity\_login"**>  
  
 <**LinearLayout  
 android:orientation="vertical"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:layout\_alignParentTop="true"  
 android:layout\_alignParentStart="true"  
 android:layout\_marginStart="18dp"  
 android:layout\_marginTop="26dp"  
 android:gravity="center\_vertical|center\_horizontal"**>  
  
 <**TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:textAppearance="@android:style/TextAppearance.Material.Medium"  
 android:textSize="18sp"  
 android:textColor="@android:color/background\_dark"  
 android:text="@string/loginText"** />  
  
 <**EditText  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:inputType="textPersonName"  
 android:ems="10"  
 android:hint="@string/loginUserIdHint"  
 android:id="@+id/loginUserIdField"** />  
  
 <**EditText  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:inputType="textUri"  
 android:text="@string/loginAPIURL"  
 android:ems="10"  
 android:id="@+id/loginAPIURLField"** />  
  
 <**Button  
 android:text="@android:string/VideoView\_error\_button"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 tools:text="@android:string/VideoView\_error\_button"  
 android:id="@+id/loginOkButton"** />  
 </**LinearLayout**>  
</**RelativeLayout**>

### fragment\_navigation\_drawer.xml

<**RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:background="@android:color/white"**>  
  
  
  
 <**android.support.v7.widget.RecyclerView  
 android:id="@+id/drawerList"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="15dp"** />  
  
  
</**RelativeLayout**>

### home\_row.xml

*<?***xml version="1.0" encoding="utf-8"***?>*<**RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 android:layout\_width="fill\_parent"  
 android:layout\_height="wrap\_content"  
  
 android:orientation="horizontal"  
 android:padding="5dip"** >  
  
 *<!-- Title Of Song-->* <**LinearLayout  
 android:orientation="vertical"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:layout\_alignParentTop="true"  
 android:layout\_alignParentStart="true"**>  
  
 <**TextView  
 android:id="@+id/Name"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
  
 android:textColor="#040404"  
 android:typeface="sans"  
 android:textSize="15dip"  
 android:textStyle="bold"**/>  
  
 <**LinearLayout  
 android:orientation="horizontal"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"**>  
  
 <**TextView  
 android:id="@+id/Barcode"  
 android:layout\_width="fill\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/Name"  
 android:textColor="#343434"  
 android:textSize="10dip"  
 android:layout\_marginTop="1dip"  
  
 android:text="1010101011013"  
 android:layout\_weight="1"** />  
  
 <**TextView  
 android:text="3 closed 1 open"  
 android:layout\_width="214dp"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/Text"  
 android:textSize="10dip"  
 android:layout\_alignParentBottom="true"  
 android:layout\_alignParentEnd="true"** />  
 </**LinearLayout**>  
 </**LinearLayout**>  
  
 *<!-- Artist Name -->  
  
 <!-- Rightend Duration -->*</**RelativeLayout**>

### log\_row.xml

*<?***xml version="1.0" encoding="utf-8"***?>*<**RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 android:layout\_width="fill\_parent"  
 android:layout\_height="wrap\_content"  
  
 android:orientation="horizontal"  
 android:padding="5dip"** >  
  
 *<!-- Title Of Song-->* <**LinearLayout  
 android:orientation="vertical"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"**>  
  
 <**TextView  
 android:id="@+id/log\_row\_title"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
  
 android:textColor="#040404"  
 android:typeface="sans"  
 android:textSize="15dip"  
 android:textStyle="bold"**/>  
  
 <**LinearLayout  
 android:orientation="horizontal"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"**>  
  
 <**TextView  
 android:id="@+id/log\_row\_time"  
 android:layout\_width="fill\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/log\_row\_title"  
 android:textColor="#343434"  
 android:textSize="10dip"  
 android:layout\_marginTop="1dip"  
  
 android:text=""  
 android:layout\_weight="1"** />  
  
 <**TextView  
 android:text="3 closed 1 open"  
 android:layout\_width="214dp"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/log\_row\_extratext"  
 android:textSize="10dip"  
 android:layout\_alignParentBottom="true"  
 android:layout\_alignParentEnd="true"** />  
 </**LinearLayout**>  
 </**LinearLayout**>  
  
 *<!-- Artist Name -->  
  
 <!-- Rightend Duration -->*</**RelativeLayout**>

### nav\_drawer\_row.xml

*<?***xml version="1.0" encoding="utf-8"***?>*<**RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:clickable="true"**>  
  
 <**TextView  
 android:id="@+id/log\_row\_title"  
 android:layout\_width="fill\_parent"  
 android:layout\_height="wrap\_content"  
 android:paddingLeft="30dp"  
 android:paddingTop="10dp"  
 android:paddingBottom="10dp"  
 android:textSize="15dp"  
 android:textStyle="bold"** />  
  
</**RelativeLayout**>

### shopping\_row.xml

*<?***xml version="1.0" encoding="utf-8"***?>*<**RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 android:layout\_width="fill\_parent"  
 android:layout\_height="wrap\_content"  
  
 android:orientation="horizontal"  
 android:padding="5dip"** >  
  
 *<!-- Title Of Song-->* <**LinearLayout  
 android:orientation="vertical"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"**>  
  
 <**LinearLayout  
 android:orientation="horizontal"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"**>  
 <**CheckBox  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/shopping\_list\_row\_checkbox"** />  
 <**TextView  
 android:id="@+id/shopping\_list\_row\_amount"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
  
 android:textColor="#040404"  
 android:typeface="sans"  
 android:textSize="15dip"  
 android:textStyle="bold"** />  
 <**TextView  
 android:id="@+id/shopping\_list\_row\_title"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:textColor="#040404"  
 android:typeface="sans"  
 android:textSize="15dip"  
 android:textStyle="bold"  
 android:layout\_margin="@dimen/activity\_vertical\_margin"** />  
 </**LinearLayout**>  
 </**LinearLayout**>  
  
</**RelativeLayout**>

# Mail aan supermarkten

Beste [Supermarkt],

Samen met Vincent Kling ben ik aan het werken aan een PWS(ProfielWerkStuk) voor het vak informatica. Ons PWS wordt een slimme koelkast, verbonden aan het internet met o.a. een barcode scanner, Raspberry Pi(klein computertje). De computer houdt dan bij hoeveel erin en eruit gaat en stuurt alle data door naar een website en een telefoon. De barcode scanner leest de code op het product en dat nummer moeten we omzetten naar een naam etc. Hiervoor zouden we graag wat informatie hebben over producten en hun bijbehorende barcode, maar ook bijvoorbeeld voedingswaarde.

Daarom is onze vraag: Zouden we (een deel van) de database met die informatie mogen gebruiken voor ons PWS, zo ja? Waar kunnen we die database vandaan halen.

Met vriendelijke groet,

Namens Vincent Kling,

Arend-Jan van Hilten

Kalsbeek College

Woerden

# GitHub log

Dit is de volledige log van commits en pull requests in een plaatje. Het is anti-chronologisch, dus de laatste aanpassingen bovenaan.

\* **033fa32** - **Wed, 7 Dec 2016 19:28:45 +0100** **(4 hours ago) (HEAD, origin/master, origin/HEAD, master)**

| passwords away - Arend-Jan van Hilten

\* **b08fd12** - **Sun, 4 Dec 2016 19:26:51 +0100** **(3 days ago)**

| ammmmount weg + mooi plaatje - Arend-Jan van Hilten

\* **ecb8185** - **Tue, 29 Nov 2016 21:19:49 +0100** **(8 days ago)**

|\ Merge pull request #105 from ArendJan/maandagprojectweek - Arend-Jan van Hilten

| \* **ac027c5** - **Tue, 29 Nov 2016 21:17:18 +0100** **(8 days ago) (origin/maandagprojectweek)**

| | plaatjes en website - Arend-Jan van Hilten

| \* **9539e77** - **Mon, 28 Nov 2016 15:18:28 +0100** **(9 days ago)**

| | idk - Arend-Jan van Hilten

\* | **dfd07f6** - **Mon, 28 Nov 2016 16:56:43 +0100** **(9 days ago)**

|\ \ Merge pull request #104 from ArendJan/VinniiThuis - DjVinnii

| |/

|/|

| | \* **b5e9150** - **Mon, 28 Nov 2016 16:55:47 +0100** **(9 days ago) (origin/VinniiThuis)**

| |/ Mail Fix, oh nee... toch niet - DjVinnii

| \* **9b37fb5** - **Thu, 24 Nov 2016 09:27:13 +0100** **(2 weeks ago)**

| |\ Merge remote-tracking branch 'refs/remotes/origin/master' into VinniiThuis - DjVinnii

| |/

|/|

\* | **ca5662c** - **Tue, 22 Nov 2016 20:56:30 +0100** **(2 weeks ago)**

|\ \ Merge pull request #103 from ArendJan/ajmaandag22ofzo - Arend-Jan van Hilten

| \* | **295be98** - **Tue, 22 Nov 2016 20:55:40 +0100** **(2 weeks ago) (origin/ajmaandag22ofzo)**

| | | fix - Arend-Jan van Hilten

| \* | **682c619** - **Tue, 22 Nov 2016 20:54:35 +0100** **(2 weeks ago)**

| | | einde is in zicht - Arend-Jan van Hilten

| \* | **b01a3e3** - **Tue, 22 Nov 2016 20:53:55 +0100** **(2 weeks ago)**

| |\ \ Merge remote-tracking branch 'refs/remotes/origin/master' into ajmaandag22ofzo - Arend-Jan van Hilten

| |/ /

|/| |

\* | | **094d828** - **Tue, 22 Nov 2016 14:38:10 +0100** **(2 weeks ago)**

|\ \ \ Merge pull request #102 from ArendJan/ajmaandag22ofzo - Arend-Jan van Hilten

| |/ /

| \* | **d625959** - **Mon, 21 Nov 2016 17:35:52 +0100** **(2 weeks ago)**

| | | typo fix - Arend-Jan van Hilten

| \* | **006e23d** - **Mon, 21 Nov 2016 17:35:27 +0100** **(2 weeks ago)**

| | | active en list - Arend-Jan van Hilten

\* | | **dba5f99** - **Mon, 21 Nov 2016 17:42:35 +0100** **(2 weeks ago)**

|\ \ \ Merge pull request #101 from ArendJan/VinniiThuis - DjVinnii

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| \* | **b820c37** - **Mon, 21 Nov 2016 17:42:01 +0100** **(2 weeks ago)**

| |\ \ Merge remote-tracking branch 'refs/remotes/origin/master' into VinniiThuis - DjVinnii

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\* | | **bd19512** - **Mon, 21 Nov 2016 17:38:42 +0100** **(2 weeks ago)**

|\ \ \ Merge pull request #100 from ArendJan/VinniiThuis - DjVinnii

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| | \* **099a8a4** - **Mon, 21 Nov 2016 17:40:19 +0100** **(2 weeks ago)**

| |/ nog wat die teksten weg gehaald - DjVinnii

| \* **86dc2d3** - **Mon, 21 Nov 2016 17:38:09 +0100** **(2 weeks ago)**

| | Alleen loggen als actie lukt, anders error loggen - DjVinnii

| \* **fec03f2** - **Mon, 21 Nov 2016 16:31:35 +0100** **(2 weeks ago)**

| |\ Merge remote-tracking branch 'refs/remotes/origin/master' into VinniiThuis - DjVinnii

| |/

|/|

\* | **105c13d** - **Mon, 21 Nov 2016 15:59:58 +0100** **(2 weeks ago)**

| | fix van gekheid - VincentSLap

\* | **5473e79** - **Mon, 21 Nov 2016 13:05:32 +0100** **(2 weeks ago)**

| | fix van jobs] - VincentSLap

\* | **8d3471a** - **Sun, 20 Nov 2016 17:05:26 +0100** **(2 weeks ago)**

|\ \ Merge pull request #99 from ArendJan/shoppinglist - Arend-Jan van Hilten

| \* | **e382723** - **Sun, 20 Nov 2016 17:04:33 +0100** **(2 weeks ago) (origin/shoppinglist)**

|/ / yeah!finally - Arend-Jan van Hilten

\* | **23d7ae0** - **Fri, 18 Nov 2016 16:29:03 +0100** **(3 weeks ago)**

|\ \ Merge pull request #98 from ArendJan/logApp - Arend-Jan van Hilten

| \* | **22dbd02** - **Fri, 18 Nov 2016 16:24:25 +0100** **(3 weeks ago) (origin/logApp)**

| | | listfragment begin - Arend-Jan van Hilten

\* | | **9ea6087** - **Thu, 17 Nov 2016 16:48:59 +0100** **(3 weeks ago)**

|\ \ \ Merge pull request #97 from ArendJan/logApp - Arend-Jan van Hilten

| |/ /

| \* | **4eb0a33** - **Thu, 17 Nov 2016 16:48:18 +0100** **(3 weeks ago)**

| |\ \ Merge remote-tracking branch 'refs/remotes/origin/master' into logApp - Arend-Jan van Hilten

| |/ /

|/| |

\* | | **961599a** - **Wed, 16 Nov 2016 19:59:04 +0100** **(3 weeks ago)**

|\ \ \ Merge pull request #96 from ArendJan/logApp - Arend-Jan van Hilten

| | \* | **a9b713d** - **Thu, 17 Nov 2016 16:47:05 +0100** **(3 weeks ago)**

| |/ / boodschappenlijjstje - Arend-Jan van Hilten

| \* | **2ffc446** - **Wed, 16 Nov 2016 19:57:58 +0100** **(3 weeks ago)**

| | | dialog, logs, backups etc - Arend-Jan van Hilten

| \* | **7a3adf6** - **Wed, 16 Nov 2016 17:25:40 +0100** **(3 weeks ago)**

| |\ \ Merge remote-tracking branch 'refs/remotes/origin/master' into logApp - Arend-Jan van Hilten

| |/ /

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\* | | **86dbdf0** - **Wed, 16 Nov 2016 16:08:24 +0100** **(3 weeks ago)**

|\ \ \ Merge pull request #95 from ArendJan/VinniiThuis - Arend-Jan van Hilten

| \* | | **ae65f01** - **Wed, 16 Nov 2016 16:10:55 +0100** **(3 weeks ago)**

| | | | Nog meer - VincentSLap

| \* | | **cfa22d7** - **Wed, 16 Nov 2016 16:07:16 +0100** **(3 weeks ago)**

| | | | Nog meer error Logging - VincentSLap

\* | | | **15a7c4c** - **Wed, 16 Nov 2016 14:42:54 +0100** **(3 weeks ago)**

|\ \ \ \ Merge pull request #94 from ArendJan/VinniiThuis - Arend-Jan van Hilten

| |/ / /

| \* | | **d4fc3ed** - **Wed, 16 Nov 2016 14:45:20 +0100** **(3 weeks ago)**

| | | | errorLogging JSON return - VincentSLap

\* | | | **b3b2fdf** - **Wed, 16 Nov 2016 14:36:59 +0100** **(3 weeks ago)**

|\ \ \ \ Merge pull request #93 from ArendJan/VinniiThuis - Arend-Jan van Hilten

| |/ / /

| \* | | **50a1bb5** - **Wed, 16 Nov 2016 12:13:57 +0100** **(3 weeks ago)**

| | | | Beetje commenten:D - VincentSLap

| \* | | **8e8c2d2** - **Wed, 16 Nov 2016 11:54:04 +0100** **(3 weeks ago)**

| | | | Nog meer error logging - VincentSLap

| \* | | **acfc25e** - **Wed, 16 Nov 2016 11:37:10 +0100** **(3 weeks ago)**

| | | | Error logging - VincentSLap

| \* | | **61a0eb6** - **Wed, 16 Nov 2016 11:31:38 +0100** **(3 weeks ago)**

| | | | error Logging - VincentSLap

| \* | | **4eba44c** - **Wed, 16 Nov 2016 10:49:30 +0100** **(3 weeks ago)**

| |\ \ \ Merge remote-tracking branch 'refs/remotes/origin/master' into VinniiThuis - VincentSLap

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\* | | **a7d56a9** - **Tue, 15 Nov 2016 21:28:51 +0100** **(3 weeks ago)**

|\ \ \ Merge pull request #92 from ArendJan/logApp - Arend-Jan van Hilten

| | |/

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| \* | **e3d939a** - **Tue, 15 Nov 2016 21:26:33 +0100** **(3 weeks ago)**

| | | Vet veel aanpassingen - Arend-Jan van Hilten

\* | | **2902569** - **Mon, 14 Nov 2016 21:25:15 +0100** **(3 weeks ago)**

|\ \ \ Merge pull request #90 from ArendJan/VinniiThuis - DjVinnii

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| \* **3ba537c** - **Mon, 14 Nov 2016 21:24:39 +0100** **(3 weeks ago)**

| | JSON return bij itemChange.php - DjVinnii

| \* **4547b9a** - **Mon, 14 Nov 2016 21:01:57 +0100** **(3 weeks ago)**

| | OpenItem Fix speciaal voor AJ:D - DjVinnii

| \* **e1924d4** - **Mon, 14 Nov 2016 20:55:44 +0100** **(3 weeks ago)**

| |\ Merge remote-tracking branch 'refs/remotes/origin/master' into VinniiThuis - DjVinnii

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|/|

\* | **dba18c2** - **Mon, 14 Nov 2016 20:48:37 +0100** **(3 weeks ago)**

|\ \ Merge pull request #89 from ArendJan/appZOndagAJ - Arend-Jan van Hilten

| \* | **d1aaa39** - **Mon, 14 Nov 2016 20:47:18 +0100** **(3 weeks ago)**

| | | getLog werkt in app, nog geen lijst - Arend-Jan van Hilten

\* | | **89411fa** - **Mon, 14 Nov 2016 15:56:22 +0100** **(3 weeks ago)**

|\ \ \ Merge pull request #88 from ArendJan/VinniiThuis - Arend-Jan van Hilten

| \* | | **1eaadbf** - **Mon, 14 Nov 2016 15:58:23 +0100** **(3 weeks ago)**

| | | | awake en delitem - VincentSLap

\* | | | **c2d7793** - **Mon, 14 Nov 2016 15:01:58 +0100** **(3 weeks ago)**

|\ \ \ \ Merge pull request #86 from ArendJan/VinniiThuis - DjVinnii

| |/ / /

| \* | | **fe1799d** - **Mon, 14 Nov 2016 15:03:58 +0100** **(3 weeks ago)**

| | | | logging fix - VincentSLap

| \* | | **ed58bc7** - **Mon, 14 Nov 2016 14:42:33 +0100** **(3 weeks ago)**

| |\ \ \ Merge remote-tracking branch 'refs/remotes/origin/master' into VinniiThuis - VincentSLap

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|/| | |

\* | | | **95a2a61** - **Mon, 14 Nov 2016 12:55:46 +0100** **(3 weeks ago)**

|\ \ \ \ Merge pull request #84 from ArendJan/appZOndagAJ - DjVinnii

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| |/| |

| \* | | **12ca42e** - **Sun, 13 Nov 2016 16:48:10 +0100** **(3 weeks ago)**

| | | | jobs activity af, paar php files voor db - Arend-Jan van Hilten

\* | | | **93fad50** - **Mon, 14 Nov 2016 12:55:30 +0100** **(3 weeks ago)**

|\ \ \ \ Merge pull request #82 from ArendJan/ajlogtest - DjVinnii

| \* | | | **8ef8d75** - **Thu, 10 Nov 2016 16:28:28 +0100** **(4 weeks ago) (origin/ajlogtest)**

| | | | | log fix - Arend-Jan van Hilten

| \* | | | **29b6d80** - **Thu, 10 Nov 2016 16:25:45 +0100** **(4 weeks ago)**

| |\ \ \ \ Merge remote-tracking branch 'refs/remotes/origin/master' into ajlogtest - Arend-Jan van Hilten

| | |/ / /

\* | | | | **16a6fc3** - **Mon, 14 Nov 2016 11:56:34 +0100** **(3 weeks ago)**

|\ \ \ \ \ Merge pull request #85 from ArendJan/VinniiThuis - DjVinnii

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| \* | | | **d40e45d** - **Mon, 14 Nov 2016 11:56:10 +0100** **(3 weeks ago)**

| | | | | userId Generator Maken - DjVinnii

| \* | | | **df1873c** - **Mon, 14 Nov 2016 11:12:26 +0100** **(3 weeks ago)**

| |\ \ \ \ Merge remote-tracking branch 'refs/remotes/origin/master' into VinniiThuis - DjVinnii

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\* | | | | **ff70640** - **Fri, 11 Nov 2016 12:07:16 +0100** **(4 weeks ago)**

|\ \ \ \ \ Merge pull request #83 from ArendJan/VinniiThuis - DjVinnii

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| \* | | **4149a57** - **Fri, 11 Nov 2016 12:09:47 +0100** **(4 weeks ago)**

| | | | Begin generateUserId - VincentSLap

| \* | | **88b1b4a** - **Fri, 11 Nov 2016 11:43:41 +0100** **(4 weeks ago)**

| |\ \ \ Merge remote-tracking branch 'refs/remotes/origin/master' into VinniiThuis - VincentSLap

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|/| | |

\* | | | **f86030b** - **Thu, 10 Nov 2016 16:24:50 +0100** **(4 weeks ago)**

|\ \ \ \ Merge pull request #80 from ArendJan/ajwoavond - Arend-Jan van Hilten

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|/| | |

| \* | | **438b985** - **Wed, 9 Nov 2016 19:32:46 +0100** **(4 weeks ago)**

| | | | useridcheck, ook in app fix - Arend-Jan van Hilten

\* | | | **33a0b57** - **Thu, 10 Nov 2016 09:35:03 +0100** **(4 weeks ago)**

|\ \ \ \ Merge pull request #81 from ArendJan/VinniiThuis - DjVinnii

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| \* | **c89bd33** - **Thu, 10 Nov 2016 09:34:44 +0100** **(4 weeks ago)**

| | | getLog gemaakt - DjVinnii

| \* | **a957b7f** - **Thu, 10 Nov 2016 09:25:10 +0100** **(4 weeks ago)**

| |\ \ Merge remote-tracking branch 'refs/remotes/origin/master' into VinniiThuis - DjVinnii

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\* | | **2d71571** - **Wed, 9 Nov 2016 16:01:51 +0100** **(4 weeks ago)**

|\ \ \ Merge pull request #79 from ArendJan/VinniiThuis - DjVinnii

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| \* | **cadd8d3** - **Wed, 9 Nov 2016 16:03:36 +0100** **(4 weeks ago)**

| | | Nog meer fix - VincentSLap

| \* | **8b53fe4** - **Wed, 9 Nov 2016 16:00:15 +0100** **(4 weeks ago)**

| | | Lil fix 2 - VincentSLap

| \* | **173231e** - **Wed, 9 Nov 2016 15:59:26 +0100** **(4 weeks ago)**

| |\ \ Merge remote-tracking branch 'refs/remotes/origin/master' into VinniiThuis - VincentSLap

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\* | | **4d84153** - **Wed, 9 Nov 2016 15:52:33 +0100** **(4 weeks ago)**

|\ \ \ Merge pull request #78 from ArendJan/VinniiThuis - DjVinnii

| | \* | **5eb2484** - **Wed, 9 Nov 2016 15:58:03 +0100** **(4 weeks ago)**

| |/ / Lil fix - VincentSLap

| \* | **297878b** - **Wed, 9 Nov 2016 15:52:59 +0100** **(4 weeks ago)**

| | | Logging fix + implementatie - VincentSLap

| \* | **72f1344** - **Wed, 9 Nov 2016 14:43:06 +0100** **(4 weeks ago)**

| |\ \ Merge remote-tracking branch 'refs/remotes/origin/master' into VinniiThuis - VincentSLap

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\* | | **1f81a6a** - **Tue, 8 Nov 2016 16:15:15 +0100** **(4 weeks ago)**

|\ \ \ Merge pull request #75 from ArendJan/ajmaandag711 - DjVinnii

| \* | | **67fe80a** - **Tue, 8 Nov 2016 15:26:12 +0100** **(4 weeks ago) (origin/ajmaandag711)**

| | | | fix - VincentSLap

| \* | | **65d37f2** - **Tue, 8 Nov 2016 14:44:41 +0100** **(4 weeks ago)**

| | | | command fix - VincentSLap

| \* | | **52bc5be** - **Tue, 8 Nov 2016 14:42:48 +0100** **(4 weeks ago)**

| | | | indent fix - VincentSLap

\* | | | **8d8fa7e** - **Mon, 7 Nov 2016 21:29:07 +0100** **(4 weeks ago)**

|\ \ \ \ Merge pull request #74 from ArendJan/zondagdialog - Arend-Jan van Hilten

| \* | | | **0651329** - **Mon, 7 Nov 2016 21:26:19 +0100** **(4 weeks ago) (origin/zondagdialog)**

| | | | | fix van alles - Arend-Jan van Hilten

\* | | | | **e644d2a** - **Mon, 7 Nov 2016 17:28:11 +0100** **(4 weeks ago)**

|\ \ \ \ \ Merge pull request #72 from ArendJan/ajmaandag711 - Arend-Jan van Hilten

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| \* | | | **606572d** - **Mon, 7 Nov 2016 16:24:30 +0100** **(4 weeks ago)**

| | | | | fix - VincentSLap

\* | | | | **a564c10** - **Mon, 7 Nov 2016 17:28:05 +0100** **(4 weeks ago)**

|\ \ \ \ \ Merge pull request #73 from ArendJan/zondagdialog - Arend-Jan van Hilten

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| \* | | **5c76d57** - **Sun, 6 Nov 2016 21:11:49 +0100** **(4 weeks ago)**

| | | | fix done - Arend-Jan van Hilten

\* | | | **409deaf** - **Mon, 7 Nov 2016 15:16:43 +0100** **(4 weeks ago)**

|\ \ \ \ Merge pull request #71 from ArendJan/VinniiThuis - DjVinnii

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| \* | | **234d9a5** - **Mon, 7 Nov 2016 15:19:08 +0100** **(4 weeks ago)**

| | | | log.php - VincentSLap

\* | | | **4b75960** - **Mon, 7 Nov 2016 14:59:36 +0100** **(4 weeks ago)**

|\ \ \ \ Merge pull request #70 from ArendJan/VinniiThuis - DjVinnii

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| \* | **1b1a11f** - **Mon, 7 Nov 2016 15:01:24 +0100** **(4 weeks ago)**

| | | delOpen en delClosed toegevoegd - VincentSLap

| \* | **a8a0561** - **Mon, 7 Nov 2016 14:47:46 +0100** **(4 weeks ago)**

| |\ \ Merge remote-tracking branch 'refs/remotes/origin/master' into VinniiThuis - VincentSLap

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\* | | **d6ebd7a** - **Sun, 6 Nov 2016 19:47:36 +0100** **(4 weeks ago) (origin/ajmaandag)**

|\ \ \ Merge pull request #67 from ArendJan/zaterdagClassMaken - Arend-Jan van Hilten

| \* | | **bf3da9f** - **Sun, 6 Nov 2016 19:25:43 +0100** **(4 weeks ago)**

| | | | dialogBijnaAf - Arend-Jan van Hilten

| \* | | **0deab17** - **Sat, 5 Nov 2016 21:44:52 +0100** **(5 weeks ago)**

| | | | Een groot gekloot met api en opslaan - Arend-Jan van Hilten

\* | | | **e4f8a59** - **Sun, 6 Nov 2016 14:49:58 +0100** **(4 weeks ago)**

|\ \ \ \ Merge pull request #68 from ArendJan/VinniiThuis - DjVinnii

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| \* | **388d1aa** - **Sun, 6 Nov 2016 14:49:14 +0100** **(4 weeks ago)**

| | | Fixing bugs - DjVinnii

| \* | **45529c3** - **Sun, 6 Nov 2016 14:44:33 +0100** **(4 weeks ago)**

| | | Als het goed is ammount omgebouwd naar closed en open - DjVinnii

| \* | **47389a1** - **Sun, 6 Nov 2016 14:34:43 +0100** **(4 weeks ago)**

| |\ \ Merge remote-tracking branch 'refs/remotes/origin/master' into VinniiThuis - DjVinnii

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\* | | **325c4e2** - **Tue, 1 Nov 2016 19:53:18 +0100** **(5 weeks ago)**

|\ \ \ Merge pull request #65 from ArendJan/ajwoensdagIDKDATTE - Arend-Jan van Hilten

| \* \ \ **0d05792** - **Tue, 1 Nov 2016 19:45:14 +0100** **(5 weeks ago)**

| |\ \ \ Merge remote-tracking branch 'refs/remotes/origin/master' into ajwoensdagIDKDATTE - Arend-Jan van Hilten

\* | \ \ \ **110f8bd** - **Tue, 1 Nov 2016 19:45:49 +0100** **(5 weeks ago)**

|\ \ \ \ \ Merge pull request #64 from ArendJan/ajwoensdagIDKDATTE - Arend-Jan van Hilten

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| \* | | **564ff66** - **Mon, 31 Oct 2016 15:29:49 +0100** **(5 weeks ago)**

| | | | aanpassingen - Arend-Jan van Hilten

\* | | | **4426199** - **Tue, 1 Nov 2016 09:38:59 +0100** **(5 weeks ago)**

|\ \ \ \ Merge pull request #63 from ArendJan/VinniiThuis - Arend-Jan van Hilten

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| \* | | **c9fbccb** - **Tue, 1 Nov 2016 08:57:24 +0100** **(5 weeks ago)**

| | | | Ombouw naar closed ipv ammount - DjVinnii

| \* | | **6063918** - **Tue, 1 Nov 2016 08:19:19 +0100** **(5 weeks ago)**

| |\ \ \ Merge remote-tracking branch 'refs/remotes/origin/master' into VinniiThuis - DjVinnii

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\* | | | **df45e97** - **Sat, 29 Oct 2016 20:54:30 +0200** **(6 weeks ago)**

|\ \ \ \ Merge pull request #61 from ArendJan/ajwoensdagIDKDATTE - Arend-Jan van Hilten

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| \* | | **c717d3f** - **Sat, 29 Oct 2016 20:45:03 +0200** **(6 weeks ago)**

| | | | begin aan dialog - Arend-Jan van Hilten

| \* | | **8760926** - **Sat, 29 Oct 2016 17:51:53 +0200** **(6 weeks ago)**

| | | | lijst - Arend-Jan van Hilten

| \* | | **aedb8e6** - **Sat, 29 Oct 2016 17:51:33 +0200** **(6 weeks ago)**

| | | | strval en intval - Arend-Jan van Hilten

| \* | | **cf97238** - **Fri, 28 Oct 2016 17:42:07 +0200** **(6 weeks ago)**

| | | | yeagh - Arend-Jan van Hilten

| \* | | **15bdab8** - **Thu, 27 Oct 2016 16:51:03 +0200** **(6 weeks ago)**

| | | | yeahhhhhh!!!! - Arend-Jan van Hilten

| \* | | **04132e0** - **Thu, 27 Oct 2016 16:23:17 +0200** **(6 weeks ago)**

| |\ \ \ Merge remote-tracking branch 'refs/remotes/origin/master' into ajwoensdagIDKDATTE - Arend-Jan van Hilten

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| \* | | **f51c675** - **Wed, 26 Oct 2016 21:08:59 +0200** **(6 weeks ago)**

| | | | fux - Arend-Jan van Hilten

| | | \* **acf0018** - **Fri, 28 Oct 2016 12:11:53 +0200** **(6 weeks ago)**

| | | | Toch geen fix:S - VincentSLap

| | | \* **0980c1d** - **Fri, 28 Oct 2016 11:58:32 +0200** **(6 weeks ago)**

| | | | delItem open Check - VincentSLap

| | | \* **54cf889** - **Fri, 28 Oct 2016 11:43:05 +0200** **(6 weeks ago)**

| | | |\ Merge remote-tracking branch 'refs/remotes/origin/master' into VinniiThuis - VincentSLap

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\* | | | **39e55c9** - **Thu, 27 Oct 2016 15:21:38 +0200** **(6 weeks ago)**

| | | | fix - VincentSLap

\* | | | **a2d35b6** - **Thu, 27 Oct 2016 09:52:53 +0200** **(6 weeks ago)**

|\ \ \ \ Merge pull request #57 from ArendJan/VinniiThuis - DjVinnii

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| \* | | **012cf05** - **Thu, 27 Oct 2016 09:50:49 +0200** **(6 weeks ago)**

| | | | getJobs zonder Type fix - DjVinnii

| \* | | **b99c411** - **Thu, 27 Oct 2016 09:14:02 +0200** **(6 weeks ago)**

| | | | Conflict Fix - DjVinnii

| \* | | **195ba75** - **Thu, 27 Oct 2016 09:10:14 +0200** **(6 weeks ago)**

| |\ \ \ Merge remote-tracking branch 'refs/remotes/origin/master' into VinniiThuis - DjVinnii

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\* | | | **72d6a81** - **Tue, 25 Oct 2016 15:08:38 +0200** **(6 weeks ago)**

| |/ / fix en zie dat vincent nog wat moet doen - VincentSLap

|/| |

\* | | **b4f58ed** - **Mon, 24 Oct 2016 21:14:02 +0200** **(6 weeks ago)**

| | | login done - Arend-Jan van Hilten

\* | | **8a0c819** - **Mon, 24 Oct 2016 16:23:26 +0200** **(6 weeks ago)**

| | | jobs werken, printer werkt - VincentSLap

\* | | **5372635** - **Mon, 24 Oct 2016 13:09:42 +0200** **(6 weeks ago)**

| | | fix - VincentSLap

\* | | **2ef95a6** - **Sun, 23 Oct 2016 19:42:14 +0200** **(6 weeks ago)**

| | | van alles voor verslag - Arend-Jan van Hilten

\* | | **ce1110a** - **Mon, 10 Oct 2016 16:14:17 +0200** **(8 weeks ago)**

| | | barcode scanner works, bit slow...... - VincentSLap

\* | | **991710c** - **Mon, 10 Oct 2016 15:45:50 +0200** **(8 weeks ago)**

| | | fix - VincentSLap

\* | | **036626a** - **Mon, 10 Oct 2016 15:38:00 +0200** **(8 weeks ago)**

| | | cehck async & print - VincentSLap

\* | | **09e7c11** - **Mon, 10 Oct 2016 13:06:11 +0200** **(8 weeks ago)**

| | | scanner werkt request functie werkt nog niet, stuurt ripppp - VincentSLap

\* | | **6a2e9b8** - **Mon, 10 Oct 2016 12:54:58 +0200** **(8 weeks ago)**

| | | fix correct pins - VincentSLap

\* | | **669a436** - **Mon, 10 Oct 2016 12:50:58 +0200** **(8 weeks ago)**

| | | check en fix - VincentSLap

\* | | **e217a83** - **Mon, 10 Oct 2016 12:35:51 +0200** **(8 weeks ago)**

| | | fix buttons - VincentSLap

\* | | **281cd01** - **Tue, 4 Oct 2016 21:28:52 +0200** **(9 weeks ago)**

|\ \ \ Merge pull request #53 from ArendJan/ajdi0610 - Arend-Jan van Hilten

| \* | | **c29ff46** - **Tue, 4 Oct 2016 21:27:33 +0200** **(9 weeks ago)**

|/ / / loginAsync - Arend-Jan van Hilten

\* | | **827f556** - **Mon, 3 Oct 2016 21:30:48 +0200** **(9 weeks ago)**

| | | van alles, vooral app - Arend-Jan van Hilten

\* | | **1787205** - **Mon, 3 Oct 2016 17:41:03 +0200** **(9 weeks ago)**

|\ \ \ Merge pull request #52 from ArendJan/ajdo299 - Arend-Jan van Hilten

| \* | | **f7e85ac** - **Sun, 2 Oct 2016 17:41:08 +0200** **(9 weeks ago)**

| | | | image en start - Arend-Jan van Hilten

\* | | | **c5684ca** - **Mon, 3 Oct 2016 13:05:40 +0200** **(9 weeks ago)**

| | | | fix van reuests - VincentSLap

\* | | | **ea0fd95** - **Mon, 3 Oct 2016 12:33:27 +0200** **(9 weeks ago)**

|/ / / fix - VincentSLap

| \* | **21a80c4** - **Thu, 27 Oct 2016 09:09:45 +0200** **(6 weeks ago)**

| |\ \ Merge remote-tracking branch 'origin/VinniiThuis' into VinniiThuis - DjVinnii

| \* | | **6481482** - **Thu, 27 Oct 2016 09:08:11 +0200** **(6 weeks ago)**

| | | | delItem Fix - DjVinnii

| \* | | **a8eb850** - **Tue, 27 Sep 2016 22:11:19 +0200** **(2 months ago)**

| |\ \ \ Merge remote-tracking branch 'refs/remotes/origin/master' into VinniiThuis - DjVinnii

| | | | \* **95c169b** - **Fri, 30 Sep 2016 11:31:14 +0200** **(10 weeks ago)**

| | | | |\ Merge remote-tracking branch 'refs/remotes/origin/master' into VinniiThuis - VincentSLap

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\* | | | **a702246** - **Thu, 29 Sep 2016 10:11:42 +0200** **(2 months ago)**

| | | | shit fix - VincentSLap

\* | | | **679c34f** - **Thu, 29 Sep 2016 09:37:40 +0200** **(2 months ago)**

|\ \ \ \ Merge pull request #50 from ArendJan/AJDINSDAG279 - Arend-Jan van Hilten

| \* | | | **55b20da** - **Wed, 28 Sep 2016 19:52:07 +0200** **(2 months ago)**

| | | | | idk\ - Arend-Jan van Hilten

| \* | | | **8c804a3** - **Wed, 28 Sep 2016 19:47:12 +0200** **(2 months ago)**

| | | | | tests & first server test - Arend-Jan van Hilten

| \* | | | **cbe0718** - **Wed, 28 Sep 2016 18:53:16 +0200** **(2 months ago)**

| | | | | globals - Arend-Jan van Hilten

| \* | | | **b418257** - **Wed, 28 Sep 2016 18:50:07 +0200** **(2 months ago)**

| | | | | pinfix - Arend-Jan van Hilten

| \* | | | **409b10c** - **Wed, 28 Sep 2016 18:46:28 +0200** **(2 months ago)**

| | | | | delay - Arend-Jan van Hilten

| \* | | | **d1b52ed** - **Wed, 28 Sep 2016 17:49:21 +0200** **(2 months ago)**

| | | | | asdf - Arend-Jan van Hilten

| \* | | | **6654ecd** - **Wed, 28 Sep 2016 17:47:53 +0200** **(2 months ago)**

| | | | | threads - Arend-Jan van Hilten

| \* | | | **b30852f** - **Wed, 28 Sep 2016 17:45:04 +0200** **(2 months ago)**

| | | | | gpio - Arend-Jan van Hilten

| \* | | | **bcf6eb4** - **Wed, 28 Sep 2016 17:40:41 +0200** **(2 months ago)**

| | | | | button en keyboard - Arend-Jan van Hilten

\* | | | | **5795041** - **Wed, 28 Sep 2016 16:27:48 +0200** **(2 months ago)**

|\ \ \ \ \ Merge pull request #42 from ArendJan/AJDINSDAG279 - Arend-Jan van Hilten

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| \* | | | **fd87dcb** - **Tue, 27 Sep 2016 20:55:55 +0200** **(2 months ago)**

| |\ \ \ \ Merge remote-tracking branch 'refs/remotes/origin/master' into AJDINSDAG279 - Arend-Jan van Hilten

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| \* | | | **e779b94** - **Tue, 27 Sep 2016 19:50:23 +0200** **(2 months ago)**

| | | | | asdf - Arend-Jan van Hilten

\* | | | | **2a19372** - **Wed, 28 Sep 2016 15:04:17 +0200** **(2 months ago)**

|\ \ \ \ \ Merge pull request #48 from ArendJan/VinniiWo289 - Arend-Jan van Hilten

| \* | | | | **e951a61** - **Wed, 28 Sep 2016 15:05:55 +0200** **(2 months ago)**

| | | | | | !isset bij action en barcode - VincentSLap

| \* | | | | **99b13bc** - **Wed, 28 Sep 2016 14:56:02 +0200** **(2 months ago)**

| |\ \ \ \ \ Merge remote-tracking branch 'refs/remotes/origin/master' into VinniiWo289 - VincentSLap

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\* | | | | | **10be590** - **Wed, 28 Sep 2016 11:12:36 +0200** **(2 months ago)**

|\ \ \ \ \ \ Merge pull request #47 from ArendJan/VinniiThuis - DjVinnii

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| \* | | | | **175a71b** - **Wed, 28 Sep 2016 11:09:52 +0200** **(2 months ago)**

| | | | | | Update getJobs.php - DjVinnii

| \* | | | | **5083d7d** - **Wed, 28 Sep 2016 11:05:27 +0200** **(2 months ago)**

| | | | | | Update markJob.php - DjVinnii

| \* | | | | **9555975** - **Wed, 28 Sep 2016 10:54:27 +0200** **(2 months ago)**

| | | | | | Update contains.php - DjVinnii

\* | | | | | **0d295cf** - **Wed, 28 Sep 2016 10:48:27 +0200** **(2 months ago)**

|\ \ \ \ \ \ Merge pull request #46 from ArendJan/VinniiThuis - DjVinnii

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| \* | | | **80761e9** - **Wed, 28 Sep 2016 10:45:04 +0200** **(2 months ago)**

| | | | | Update markJob.php - DjVinnii

| \* | | | **5ca4e98** - **Wed, 28 Sep 2016 10:44:44 +0200** **(2 months ago)**

| | | | | Update itemChange.php - DjVinnii

| \* | | | **a0648aa** - **Wed, 28 Sep 2016 10:44:11 +0200** **(2 months ago)**

| | | | | Update contains.php - DjVinnii

| \* | | | **7a099d1** - **Wed, 28 Sep 2016 10:42:56 +0200** **(2 months ago)**

| | | | | Update contains.php - DjVinnii

| \* | | | **9216468** - **Wed, 28 Sep 2016 10:42:18 +0200** **(2 months ago)**

| | |\_|/ Update addJob.php - DjVinnii

| |/| |

\* | | | **b39bc96** - **Tue, 27 Sep 2016 18:59:52 +0200** **(2 months ago)**

|\ \ \ \ Merge pull request #41 from ArendJan/VinniiThuis - DjVinnii

| |/ / /

| \* | | **5c77e36** - **Tue, 27 Sep 2016 18:59:30 +0200** **(2 months ago)**

| | | | getJobs.php verder - DjVinnii

| \* | | **50e653b** - **Tue, 27 Sep 2016 18:29:59 +0200** **(2 months ago)**

| |\ \ \ Merge remote-tracking branch 'refs/remotes/origin/master' into VinniiThuis - DjVinnii

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\* | | | **6e4c134** - **Tue, 27 Sep 2016 18:29:37 +0200** **(2 months ago)**

|\ \ \ \ Merge pull request #40 from ArendJan/VinniiThuis - DjVinnii

| |/ / /

| \* | | **432481f** - **Tue, 27 Sep 2016 18:29:14 +0200** **(2 months ago)**

| | | | Contains.php JSON return - DjVinnii

\* | | | **ecd53ef** - **Tue, 27 Sep 2016 18:14:51 +0200** **(2 months ago)**

|\ \ \ \ Merge pull request #39 from ArendJan/VinniiThuis - DjVinnii

| |/ / /

| \* | | **da9ecd0** - **Tue, 27 Sep 2016 18:11:37 +0200** **(2 months ago)**

| | | | markJob.php + checkJobId.php - DjVinnii

| \* | | **99b4a40** - **Tue, 27 Sep 2016 10:07:57 +0200** **(2 months ago)**

| |\ \ \ Merge remote-tracking branch 'refs/remotes/origin/master' into VinniiThuis - DjVinnii

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\* | | | **d529d3a** - **Tue, 27 Sep 2016 10:06:49 +0200** **(2 months ago)**

| |\_|/ addJob - DjVinnii

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\* | | **b6801a1** - **Mon, 26 Sep 2016 20:29:18 +0200** **(2 months ago)**

| | | fix - Arend-Jan van Hilten

\* | | **d2142ea** - **Mon, 26 Sep 2016 16:45:19 +0200** **(2 months ago)**

| | | kut, geen branch - Arend-Jan van Hilten

| \* | **5629eba** - **Sun, 25 Sep 2016 21:28:25 +0200** **(2 months ago)**

| |\ \ Merge remote-tracking branch 'refs/remotes/origin/master' into VinniiThuis - DjVinnii

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\* | | **7e34d04** - **Sun, 25 Sep 2016 21:27:59 +0200** **(2 months ago)**

|\ \ \ Merge pull request #38 from ArendJan/VinniiThuis - DjVinnii

| | \* \ **4bc25e0** - **Sun, 25 Sep 2016 21:28:06 +0200** **(2 months ago)**

| | |\ \ Merge remote-tracking branch 'refs/remotes/origin/master' into VinniiThuis - DjVinnii

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\* | | **a91c1e6** - **Sun, 25 Sep 2016 21:25:06 +0200** **(2 months ago)**

|\ \ \ Merge pull request #37 from ArendJan/AJZondagAvond - Arend-Jan van Hilten

| \* | | **df71668** - **Sun, 25 Sep 2016 21:23:23 +0200** **(2 months ago)**

|/ / / Fix van Htacces en ff index netjes gedaan - Arend-Jan van Hilten

\* | | **5a2b090** - **Sun, 25 Sep 2016 21:03:48 +0200** **(2 months ago)**

|\ \ \ Merge pull request #36 from ArendJan/VinniiThuis - DjVinnii

| | \* | **4df497f** - **Sun, 25 Sep 2016 21:27:31 +0200** **(2 months ago)**

| | | | Fix voor lege Status - DjVinnii

| | \* | **738ddf7** - **Sun, 25 Sep 2016 21:25:18 +0200** **(2 months ago)**

| | | | Revert "Revert "Fix wanneer type leeg is"" - DjVinnii

| | \* | **7b25db5** - **Sun, 25 Sep 2016 21:25:00 +0200** **(2 months ago)**

| | | | Revert "Fix wanneer type leeg is" - DjVinnii

| | \* | **bd85505** - **Sun, 25 Sep 2016 21:24:14 +0200** **(2 months ago)**

| |/ / Fix wanneer type leeg is - DjVinnii

| \* | **efce64c** - **Sun, 25 Sep 2016 21:03:04 +0200** **(2 months ago)**

| | | getJobs van qrCode en text - DjVinnii

| \* | **d566a29** - **Sun, 25 Sep 2016 19:14:30 +0200** **(2 months ago)**

| |\ \ Merge remote-tracking branch 'refs/remotes/origin/master' into VinniiThuis - DjVinnii

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\* | | **189286c** - **Sun, 25 Sep 2016 17:26:21 +0200** **(2 months ago)**

|\ \ \ Merge pull request #35 from ArendJan/AJZondag259 - Arend-Jan van Hilten

| \* | | **fdab78e** - **Sun, 25 Sep 2016 17:08:54 +0200** **(2 months ago)**

|/ / / fix install en jobs en memory leak - Arend-Jan van Hilten

\* | | **337bea5** - **Sat, 24 Sep 2016 21:14:17 +0200** **(2 months ago)**

| | | fix, nog niet klaar, iterator fout - Arend-Jan van Hilten

\* | | **0afffde** - **Sat, 24 Sep 2016 21:06:41 +0200** **(2 months ago)**

| | | jobid fix - Arend-Jan van Hilten

\* | | **428f14f** - **Sat, 24 Sep 2016 21:04:51 +0200** **(2 months ago)**

| | | pip fix & json fix - Arend-Jan van Hilten

\* | | **9c19245** - **Sat, 24 Sep 2016 20:56:32 +0200** **(2 months ago)**

| | | Add +fix - Arend-Jan van Hilten

\* | | **2308dbc** - **Fri, 23 Sep 2016 12:09:00 +0200** **(3 months ago)**

|\ \ \ Merge pull request #34 from ArendJan/vinniiVr239 - DjVinnii

| \* | | **75c4fc2** - **Fri, 23 Sep 2016 12:08:51 +0200** **(3 months ago)**

| | | | Begin getJobs - DjVinnii

\* | | | **88455e5** - **Fri, 23 Sep 2016 12:02:30 +0200** **(3 months ago)**

|\ \ \ \ Merge pull request #33 from ArendJan/vinniiVr239 - DjVinnii

| |/ / /

| \* | | **7ff8fbf** - **Fri, 23 Sep 2016 12:00:27 +0200** **(3 months ago)**

| | | | Fix count check:D - DjVinnii

| \* | | **8a9906e** - **Fri, 23 Sep 2016 11:49:20 +0200** **(3 months ago)**

| | | | \_POST['JSON'] check - DjVinnii

| \* | | **270c3d7** - **Fri, 23 Sep 2016 11:48:03 +0200** **(3 months ago)**

| | | | \_POST check eerder dan decode - DjVinnii

| \* | | **61a0d41** - **Fri, 23 Sep 2016 11:44:29 +0200** **(3 months ago)**

| | | | Check of \_POST['JSON'] bestaat - DjVinnii

\* | | | **7d987d0** - **Thu, 22 Sep 2016 14:20:48 +0200** **(3 months ago)**

|\ \ \ \ Merge pull request #32 from ArendJan/vinniiDo229 - Arend-Jan van Hilten

| |/ / /

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|/| |

| \* | **a2c5a30** - **Thu, 22 Sep 2016 14:22:11 +0200** **(3 months ago)**

| | | Contains werkt weer - VincentSLap

\* | | **c93562c** - **Thu, 22 Sep 2016 14:11:51 +0200** **(3 months ago)**

|\ \ \ Merge pull request #31 from ArendJan/vinniiDo229 - Arend-Jan van Hilten

| |/ /

| \* | **f6375ce** - **Thu, 22 Sep 2016 14:13:19 +0200** **(3 months ago)**

| | | userIdCheck - VincentSLap

| \* | **3e1b178** - **Thu, 22 Sep 2016 13:39:34 +0200** **(3 months ago)**

| | | userId check - VincentSLap

\* | | **9c74a8e** - **Thu, 22 Sep 2016 12:07:18 +0200** **(3 months ago)**

|\ \ \ Merge pull request #30 from ArendJan/vinniiDo229 - Arend-Jan van Hilten

| |/ /

| \* | **b5d4ac0** - **Thu, 22 Sep 2016 12:08:21 +0200** **(3 months ago)**

| | | Werkt! - VincentSLap

| \* | **dc41d8c** - **Thu, 22 Sep 2016 12:01:42 +0200** **(3 months ago)**

| | | ItemChange - VincentSLap

| \* | **c4818ec** - **Thu, 22 Sep 2016 11:56:59 +0200** **(3 months ago)**

| |\ \ Merge remote-tracking branch 'refs/remotes/origin/master' into vinniiDo229 - VincentSLap

| |/ /

|/| |

\* | | **93c3afc** - **Wed, 21 Sep 2016 19:53:47 +0200** **(3 months ago)**

|\ \ \ Merge pull request #29 from ArendJan/ajWoensdag219 - Arend-Jan van Hilten

| \* | | **e699fbe** - **Wed, 21 Sep 2016 19:52:37 +0200** **(3 months ago)**

| | | | asdf - Arend-Jan van Hilten

| \* | | **a94fe9a** - **Wed, 21 Sep 2016 19:51:03 +0200** **(3 months ago)**

| | | | stupid me - Arend-Jan van Hilten

| \* | | **4d3f5f4** - **Wed, 21 Sep 2016 19:44:42 +0200** **(3 months ago)**

| | | | leslllslsadfadsf - Arend-Jan van Hilten

| \* | | **301fe2b** - **Wed, 21 Sep 2016 19:28:47 +0200** **(3 months ago)**

| | | | fix + test - Arend-Jan van Hilten

\* | | | **25f9bff** - **Wed, 21 Sep 2016 19:26:25 +0200** **(3 months ago)**

|\ \ \ \ Merge pull request #28 from ArendJan/ajWoensdag219 - Arend-Jan van Hilten

| |/ / /

| \* | | **d6658ea** - **Wed, 21 Sep 2016 17:57:45 +0200** **(3 months ago)**

| | | | rippp - Arend-Jan van Hilten

| \* | | **0c5d2e1** - **Wed, 21 Sep 2016 17:56:44 +0200** **(3 months ago)**

| | | | exception - Arend-Jan van Hilten

| \* | | **85ee3d8** - **Wed, 21 Sep 2016 17:54:23 +0200** **(3 months ago)**

| | | | start thread - Arend-Jan van Hilten

\* | | | **034d5ed** - **Wed, 21 Sep 2016 17:38:10 +0200** **(3 months ago)**

|\ \ \ \ Merge pull request #27 from ArendJan/ajWoensdag219 - Arend-Jan van Hilten

| |/ / /

| | | /

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|/| |

| \* | **98ccfba** - **Wed, 21 Sep 2016 17:33:06 +0200** **(3 months ago)**

| | | vincent zn shit fixxen :P - Arend-Jan van Hilten

| \* | **519e7e8** - **Wed, 21 Sep 2016 17:07:48 +0200** **(3 months ago)**

| | | thread fix - Arend-Jan van Hilten

| \* | **ed5d7ba** - **Wed, 21 Sep 2016 17:02:34 +0200** **(3 months ago)**

|/ / fix + update - Arend-Jan van Hilten

\* | **cf11a7c** - **Wed, 21 Sep 2016 16:11:59 +0200** **(3 months ago)**

|\ \ Merge pull request #24 from ArendJan/ajWoensdag219 - Arend-Jan van Hilten

| \* \ **37cd495** - **Wed, 21 Sep 2016 12:10:53 +0200** **(3 months ago)**

| |\ \ fixxx - VincentSLap

| | |/

| \* | **64dfbbe** - **Wed, 21 Sep 2016 12:03:04 +0200** **(3 months ago)**

| | | fix? - VincentSLap

| \* | **e18bd16** - **Wed, 21 Sep 2016 11:59:57 +0200** **(3 months ago)**

| | | lelelelels - VincentSLap

| \* | **bc0bc36** - **Wed, 21 Sep 2016 11:52:22 +0200** **(3 months ago)**

| | | ffssss - VincentSLap

| \* | **c86fcf1** - **Wed, 21 Sep 2016 11:51:12 +0200** **(3 months ago)**

| | | fux - VincentSLap

| \* | **9a4917c** - **Wed, 21 Sep 2016 11:49:04 +0200** **(3 months ago)**

| | | init - VincentSLap

| \* | **3fb26ae** - **Wed, 21 Sep 2016 11:47:13 +0200** **(3 months ago)**

| | | fix - VincentSLap

\* | | **514f7d5** - **Wed, 21 Sep 2016 16:11:37 +0200** **(3 months ago)**

|\ \ \ Merge pull request #26 from ArendJan/vincentWoensdag219 - Arend-Jan van Hilten

| |\_|/

|/| |

| \* | **b35afdb** - **Wed, 21 Sep 2016 16:13:00 +0200** **(3 months ago)**

| | | Busy Adding JSON shit - VincentSLap

| \* | **b2b9142** - **Wed, 21 Sep 2016 15:33:32 +0200** **(3 months ago)**

|/ / userId toegevoegd - VincentSLap

\* | **2c2271b** - **Wed, 21 Sep 2016 11:35:10 +0200** **(3 months ago)**

|\ \ Merge pull request #23 from ArendJan/ajWoensdag219 - Arend-Jan van Hilten

| |/

| \* **f2cf151** - **Wed, 21 Sep 2016 11:35:26 +0200** **(3 months ago)**

| | branch fix - VincentSLap

| \* **b087b53** - **Wed, 21 Sep 2016 11:33:29 +0200** **(3 months ago)**

| | fix python shit..... - VincentSLap

\* | **753dabc** - **Wed, 21 Sep 2016 11:06:31 +0200** **(3 months ago)**

|\ \ Merge pull request #21 from ArendJan/ArendJan-patch-1 - Arend-Jan van Hilten

| \* | **fb58f10** - **Wed, 21 Sep 2016 11:06:25 +0200** **(3 months ago)**

|/ / time fix - Arend-Jan van Hilten

\* | **56abf72** - **Wed, 21 Sep 2016 11:04:56 +0200** **(3 months ago)**

|\ \ Merge pull request #20 from ArendJan/ArendJan-patch-1 - Arend-Jan van Hilten

| \* | **00485fb** - **Wed, 21 Sep 2016 11:04:49 +0200** **(3 months ago)**

|/ / fix python indent - Arend-Jan van Hilten

\* | **5df137a** - **Wed, 21 Sep 2016 10:59:08 +0200** **(3 months ago)**

|\ \ Merge pull request #19 from ArendJan/AJwoensdag2 - Arend-Jan van Hilten

| \* | **32effc6** - **Wed, 21 Sep 2016 10:47:30 +0200** **(3 months ago)**

| | | sends ip to email - AJLaptop

\* | | **f64e827** - **Wed, 21 Sep 2016 10:58:59 +0200** **(3 months ago)**

|\ \ \ Merge pull request #18 from ArendJan/ajWoensdag219 - Arend-Jan van Hilten

| | |/

| |/|

| \* | **47cb09b** - **Wed, 21 Sep 2016 10:47:20 +0200** **(3 months ago)**

| | | fix van post vars - VincentSLap

| \* | **96eb17b** - **Wed, 21 Sep 2016 10:43:24 +0200** **(3 months ago)**

| |\ \ Merge remote-tracking branch 'refs/remotes/origin/master' into ajWoensdag219 - VincentSLap

| |/ /

|/| |

\* | | **2df59ab** - **Wed, 21 Sep 2016 10:38:13 +0200** **(3 months ago)**

|\ \ \ Merge pull request #16 from ArendJan/AJDinsdag209 - Arend-Jan van Hilten

| |/ /

|/| |

| \* | **f0c4628** - **Tue, 20 Sep 2016 21:49:53 +0200** **(3 months ago)**

| | | fix + hint - Arend-Jan van Hilten

| \* | **40f065d** - **Tue, 20 Sep 2016 21:49:12 +0200** **(3 months ago)**

| |/ nieuwe website + veel toegevoegd - Arend-Jan van Hilten

\* | **4aca678** - **Wed, 21 Sep 2016 10:34:35 +0200** **(3 months ago)**

|\ \ Merge pull request #17 from ArendJan/DatabaseEerste - Arend-Jan van Hilten

| |/

|/|

| \* **6c5ba7d** - **Wed, 7 Sep 2016 15:59:04 +0200** **(3 months ago)**

| | kutdjfkjfj - VincentSLap

\* | **dc4a777** - **Tue, 20 Sep 2016 15:09:18 +0200** **(3 months ago)**

| | fix + email - AJLaptop

\* | **fa90719** - **Mon, 19 Sep 2016 22:29:13 +0200** **(3 months ago)**

|\ \ Merge pull request #15 from ArendJan/VinniiThuis - DjVinnii

| \* | **4e2c9f9** - **Mon, 19 Sep 2016 22:25:17 +0200** **(3 months ago)**

| | | Fix naar engels - DjVinnii

\* | | **7900ee6** - **Mon, 19 Sep 2016 21:20:54 +0200** **(3 months ago)**

|\ \ \ Merge pull request #14 from ArendJan/AJMaandag199 - Arend-Jan van Hilten

| \* | | **f24009f** - **Mon, 19 Sep 2016 21:20:18 +0200** **(3 months ago)**

| | | | install fix, userid command settings file - Arend-Jan van Hilten

| \* | | **b2a4d77** - **Mon, 19 Sep 2016 20:41:02 +0200** **(3 months ago)**

| | | | no output - Arend-Jan van Hilten

| \* | | **47cf5b0** - **Mon, 19 Sep 2016 20:39:59 +0200** **(3 months ago)**

| | | | fix with download of tar and correct overwrite - Arend-Jan van Hilten

| \* | | **8cdfa62** - **Mon, 19 Sep 2016 20:34:07 +0200** **(3 months ago)**

| | | | idk - Arend-Jan van Hilten

| \* | | **d2b6356** - **Mon, 19 Sep 2016 20:25:40 +0200** **(3 months ago)**

| | | | less shit - Arend-Jan van Hilten

| \* | | **65bd5b3** - **Mon, 19 Sep 2016 20:22:44 +0200** **(3 months ago)**

| | | | weird fix for upping directories - Arend-Jan van Hilten

| \* | | **5ea10e1** - **Mon, 19 Sep 2016 20:19:19 +0200** **(3 months ago)**

| | | | fix2 - Arend-Jan van Hilten

| \* | | **bc0d730** - **Mon, 19 Sep 2016 20:13:05 +0200** **(3 months ago)**

| | | | fix - Arend-Jan van Hilten

| \* | | **265d6ff** - **Mon, 19 Sep 2016 20:08:26 +0200** **(3 months ago)**

| | | | test with new way of files - Arend-Jan van Hilten

\* | | | **7aaf973** - **Mon, 19 Sep 2016 19:52:15 +0200** **(3 months ago)**

|\ \ \ \ Merge pull request #13 from ArendJan/VinniiThuis - Arend-Jan van Hilten

| |/ / /

|/| / /

| |/ /

| \* | **773d9e1** - **Mon, 19 Sep 2016 18:39:29 +0200** **(3 months ago)**

| | | .htacces - DjVinnii

| \* | **c0dda3e** - **Mon, 19 Sep 2016 18:33:15 +0200** **(3 months ago)**

|/ / contains.php - DjVinnii

\* | **52c005b** - **Fri, 16 Sep 2016 20:57:42 +0200** **(3 months ago)**

|\ \ Merge pull request #10 from ArendJan/AJVRIJ169Middag - Arend-Jan van Hilten

| \* | **6385764** - **Fri, 16 Sep 2016 20:57:21 +0200** **(3 months ago)**

| | | install file smartfridge - Arend-Jan van Hilten

\* | | **1100a9d** - **Fri, 16 Sep 2016 20:38:54 +0200** **(3 months ago)**

|\ \ \ Merge pull request #9 from ArendJan/AJVRIJ169Middag - Arend-Jan van Hilten

| |/ /

| \* | **ea02208** - **Fri, 16 Sep 2016 20:38:04 +0200** **(3 months ago)**

| | | test - Arend-Jan van Hilten

\* | | **9e2eaad** - **Fri, 16 Sep 2016 20:29:06 +0200** **(3 months ago)**

|\ \ \ Merge pull request #8 from ArendJan/AJVRIJ169Middag - Arend-Jan van Hilten

| |/ /

| \* | **0fb7caf** - **Fri, 16 Sep 2016 20:28:29 +0200** **(3 months ago)**

| | | github update & start van raspberry code - Arend-Jan van Hilten

\* | | **881d27c** - **Thu, 15 Sep 2016 09:59:18 +0200** **(3 months ago)**

|\ \ \ Merge pull request #7 from ArendJan/DatabaseEerste - DjVinnii

| |/ /

|/| |

| \* | **f1397a8** - **Thu, 15 Sep 2016 09:56:51 +0200** **(3 months ago)**

| | | delItem.php gemaakt - DjVinnii

\* | | **902ea2d** - **Thu, 8 Sep 2016 09:37:25 +0200** **(3 months ago)**

|\ \ \ Merge pull request #6 from ArendJan/DatabaseEerste - DjVinnii

| |/ /

| \* | **969589f** - **Thu, 8 Sep 2016 09:05:29 +0200** **(3 months ago)**

| |\ \ Merge remote-tracking branch 'refs/remotes/origin/master' into DatabaseEerste - DjVinnii

| | |/

| |/|

| \* | **9e648db** - **Wed, 7 Sep 2016 15:04:20 +0200** **(3 months ago)**

| | | Minor Fix - VincentSLap

| \* | **ff3a682** - **Wed, 7 Sep 2016 14:54:29 +0200** **(3 months ago)**

| | | newItem vraagt desc bij getItem - VincentSLap

| \* | **f870342** - **Wed, 7 Sep 2016 11:24:02 +0200** **(3 months ago)**

| | | dbasjjdah; - VincentSLap

\* | | **3eaae63** - **Wed, 7 Sep 2016 11:45:48 +0200** **(3 months ago)**

|\ \ \ Merge pull request #5 from ArendJan/Raspberry - Arend-Jan van Hilten

| \* | | **e9d338c** - **Wed, 31 Aug 2016 11:56:19 +0200** **(3 months ago)**

| | | | threads etc zonder onzin slopen - AJLaptop

\* | | | **53c1890** - **Wed, 7 Sep 2016 11:45:05 +0200** **(3 months ago)**

|\ \ \ \ Merge pull request #4 from ArendJan/DatabaseEerste - Arend-Jan van Hilten

| | |/ /

| |/| /

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|/| |

| \* | **ce837d5** - **Wed, 7 Sep 2016 11:00:48 +0200** **(3 months ago)**

| | | newItem Conflict Fix (Hopelijk) - VincentSLap

| \* | **3b70efd** - **Wed, 7 Sep 2016 10:56:44 +0200** **(3 months ago)**

| |\ \ zxcffdd - VincentSLap

| | \* | **9deecb2** - **Thu, 1 Sep 2016 09:48:58 +0200** **(3 months ago)**

| | | | Begin index.php - DjVinnii

| | \* | **c9a5a89** - **Thu, 1 Sep 2016 09:18:36 +0200** **(3 months ago)**

| | | | Indentation - DjVinnii

| | \* | **c8aef35** - **Thu, 1 Sep 2016 09:15:57 +0200** **(3 months ago)**

| | | | Fix - DjVinnii

| | \* | **870ce6a** - **Thu, 1 Sep 2016 09:09:02 +0200** **(3 months ago)**

| | | | fixx var - Arend-Jan van Hilten

| | \* | **62adfeb** - **Thu, 1 Sep 2016 09:07:23 +0200** **(3 months ago)**

| | | | Fix db.php - DjVinnii

| | \* | **e6624e8** - **Thu, 1 Sep 2016 09:06:59 +0200** **(3 months ago)**

| | | | db - Arend-Jan van Hilten

| \* | | **b86114a** - **Wed, 7 Sep 2016 10:51:16 +0200** **(3 months ago)**

| | | | newItem.php gitHub Fix - VincentSLap

\* | | | **cf26e01** - **Thu, 1 Sep 2016 08:56:47 +0200** **(3 months ago)**

|\ \ \ \ Merge pull request #3 from ArendJan/DatabaseEerste - Arend-Jan van Hilten

| | |/ /

| |/| |

| \* | | **ab62f79** - **Thu, 1 Sep 2016 08:55:00 +0200** **(3 months ago)**

| |/ / Fix - DjVinnii

| \* | **28b714b** - **Wed, 31 Aug 2016 15:31:31 +0200** **(3 months ago)**

| | | Minor fixes - VincentSLap

| \* | **5ced3fc** - **Wed, 31 Aug 2016 15:21:54 +0200** **(3 months ago)**

| | | Begin newItem.php - VincentSLap

\* | | **bdfef30** - **Wed, 31 Aug 2016 11:17:11 +0200** **(3 months ago)**

|\ \ \ Merge pull request #1 from ArendJan/Raspberry - Arend-Jan van Hilten

| | |/

| |/|

| \* | **1835735** - **Wed, 31 Aug 2016 11:15:52 +0200** **(3 months ago)**

| | | asfdasdfasdf - AJLaptop

| \* | **11df894** - **Tue, 30 Aug 2016 20:46:39 +0200** **(3 months ago)**

| | | first test - Arend-Jan van Hilten

\* | | **ff4213b** - **Wed, 31 Aug 2016 11:17:02 +0200** **(3 months ago)**

|\ \ \ Merge pull request #2 from ArendJan/DatabaseEerste - Arend-Jan van Hilten

| | |/

| |/|

| \* | **40d9b3f** - **Wed, 31 Aug 2016 10:58:20 +0200** **(3 months ago)**

| | | In mapje gesodeflikkerd - VincentSLap

| \* | **d8c640d** - **Wed, 31 Aug 2016 10:55:02 +0200** **(3 months ago)**

| | | Revert "Revert "Db File"" - VincentSLap

| \* | **d347b64** - **Wed, 31 Aug 2016 10:54:26 +0200** **(3 months ago)**

| | | Revert "Db File" - VincentSLap

| \* | **1305f22** - **Wed, 31 Aug 2016 10:54:04 +0200** **(3 months ago)**

| |/ Db File - VincentSLap

\* | **4586cc7** - **Mon, 29 Aug 2016 20:33:39 +0200** **(3 months ago)**

|/ Create README.md - Arend-Jan van Hilten

\* **7e2f3fd** - **Mon, 29 Aug 2016 20:29:03 +0200** **(3 months ago)**

| descriptions - Arend-Jan van Hilten

\* **b219cfc** - **Mon, 29 Aug 2016 19:37:07 +0200** **(3 months ago)**

:lollipop: Added .gitattributes - Arend-Jan van Hilten

# Enquête

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Waar denkt u aan als u het woord slimme koelkast hoort? | Energie zuinig. | Een koelkast met veel keuzeprogramma's | Dat hij slim omgaat.met stroom. | innovatief en vernieuwend, een koelkast die verbonden is met het internet en die ik op afstand kan bediene. Ook een koelkast die zelf beslissingen kan nemen; denk bijvoorbeeld aan de 'walking fridge' van heineken, die je zelf een biertje komt brengen als je dorst hebt. | Koelkast "vertelt" me wanneer ik welke boodschappen moet doen, omdat het bijna op is. |
| Hoe graag zou u een slimme koelkast in huis willen hebben? | 6 | 3 | 8 | 7 | 7 |
| Wat denkt u dat de voordelen zijn van slimme koelkasten? | -kosten besparend.  -beter voor het milieu. | Gerichter koelen | Energy besparen. | Koelkast is altijd gevuld. bijvoorbeed als de melk op is, wordt vanzelf een nieuwe melk besteld. en als hij over de datum is, dan krijg ik een bericht. Als bedrijf weet ik meer over wat de klanten kopen en kan hierop inspelen, door aanbiedingen te maken voor een nieuw product wat past bij die consument. Als koelkastproducent leer ik bijvoorbeeld hoevaak en hoelang de deur open gaat en kan de kast zuiniger maken. | minder boodschappenlijstjes |
| Wat denkt u dat de nadelen zijn van een slimme koelkast? | - bij nieuwe ontwikkelingen is de aanschaf ervan vaak duur en zijn de apparaten groter dan beter ontwikkelde "oudere" apparaten. | SnelLet stuk | Gecompliceert | We raken een deel van onze privacy kwijt. Een hacker zou kunnen zien of we thuis zijn, namelijk als de koelkast leeg is en er geen bestellingen zijn. | nog steeds menselijk checken |
| Bijhouden wat er in de koelkast zit | 1 | 7 | 2 | 8 | 10 |
| Boodschappenlijstjes uitprinten | 1 | 7 | 2 | 8 | 10 |
| Barcodes uitprinten voor speciale items zoals fruit | 1 | 3 | 2 | 3 | 8 |
| Een app die vertelt wat er in de koelkast zit en of weet of u nog wat moet bestellen |  |  |  | 9 | 10 |
| Welke features zou u nog meer willen zien dat een slimme koelkast doet? | Automatisch stikkeren van de producten zodat men weet hoelang het er instaat. | Zichzelf schoonmaken | Stil zijn | vertellen of het te koud of te warm in de koelkast is voor deze producten die erin liggen. Automatisch nieuwe producten bestellen in de winkel. | Meer energie slim |
| Heeft u nog een opmerking | Ik weet niet of het de bedoeling was dat ik vooral aan energie dacht. | Veel succes! | Nee | Veel succes met jullie PWS | n/a |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Waar denkt u aan als u het woord slimme koelkast hoort? | Een koelkast die tevens bij houd en die bv aangeeft als er iets bijna over datum is. | Aan een computer geprogrammeerde koelkast, die bepaalde dingen bijhoudt. | Een koelkast die weet wat die in zich heeft | Een koelkast die aangeeft wanneer het eten bederft | Een koelkast met meer technische mogelijkheden dan een normale koelkast | Koelkast die je qua temperatuur via telefoon kan instellen met camera's erin zodat je tijdens boodschappen doen weet wat je in huis heb en wellicht nog wat geinige gatjets | - |
| Hoe graag zou u een slimme koelkast in huis willen hebben? | 6 | 6 | 4 | 7 | 6 | 8 | 7 |
| Wat denkt u dat de voordelen zijn van slimme koelkasten? | Dan hoef je zelf minder na te denken | Beter overzicht | Tijdbesparing | Je hebt sneller informatie die je nodig hebt, omdat het in de koelkast is ingebouwd | Meer op maat bediende producten, die hun eigen temperatuur nodig hebben etc | Efficiënt omgaan met energie | Dat je weet wat er in ligt |
| Wat denkt u dat de nadelen zijn van een slimme koelkast? | Je wordt misschien wat luier | Meer energie verbruik, meer instellingen/handelingen nodig. | Geen flexibiliteit in je koelkast dus altijd dezelfde producten | Straling in eten | Privacy schending, wéér een product verbonden aan internet | Veel elektronica gevoelig voor storingen en snel kapot dus | Kan fouten maken |
| Bijhouden wat er in de koelkast zit | 8 | 6 | 7 | 10 | 8 | 9 | 7 |
| Boodschappenlijstjes uitprinten | 7 | 6 | 7 | 10 | 8 | 9 | 6 |
| Barcodes uitprinten voor speciale items zoals fruit | 8 | 5 | 3 | 10 | 5 | 7 | 5 |
| Een app die vertelt wat er in de koelkast zit en of weet of u nog wat moet bestellen | 8 | 7 | 8 | 10 | 7 | 8 | 8 |
| Welke features zou u nog meer willen zien dat een slimme koelkast doet? | Boodschappenlijstje naar de bezorg surves van de supermarkt sturen | Verschillende temperaturen op verschillende lagen. | . | Welke temperatuur je voor elk product moet aanhouden of de beste temperatuur die dan een gemiddelde vormt voor alle producten | - |  | - |
| Heeft u nog een opmerking of aanvulling? | Succes met jullie pws! | - | . | Nee | - |  | - |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Waar denkt u aan als u het woord slimme koelkast hoort? | Touch screen | Een koelkast die als je typt of zegt wat je wilt, dat naar voren brengt. | Een koelkast die allemaal slimme snufjes en onderdeeltjes heeft | een koelkast die heel praktisch is en heel energiezuinig is | Kunstmatige intelegentie | een koelkast die meedenkt met mijn behoeftes | Die weet of iets nog goed is. Temperatuur goed regelt |
| Hoe graag zou u een slimme koelkast in huis willen hebben? | 6 | 2 | 8 | 8 | 7 | 9 | 3 |
| Wat denkt u dat de voordelen zijn van slimme koelkasten? |  | Alles wordt in de gaten gehouden of alles nog goed is en op voorraad is. | Persoonlijker en gebruiksvriendelijker | maakt het leven praktischer | Geen idee eigelijk | dat je als je aan het gamen bent zegt wanneer er een qeue is zodat je nooit telaat bent | Weet niet |
| Wat denkt u dat de nadelen zijn van een slimme koelkast? |  | Grotere kans op storingen | Duurder en sneller kapot | verschillende storingen | We kost veel stroom | er is nooit meer een goed gesprek in huis | Meer energie en data verbruik |
| Bijhouden wat er in de koelkast zit | 7 | 8 | 9 | 8 | 7 | 10 | 5 |
| Boodschappenlijstjes uitprinten | 8 | 0 | 6 | 6 | 7 | 8 | 1 |
| Barcodes uitprinten voor speciale items zoals fruit | 6 | 0 | 5 | 4 | 7 | 0 | 3 |
| Een app die vertelt wat er in de koelkast zit en of weet of u nog wat moet bestellen | 7 | 0 | 8 | 10 | 7 | 5 | 4 |
| Welke features zou u nog meer willen zien dat een slimme koelkast doet? |  | Bijhouden wat over de datum is, of bijna over de datum is, dat zegt zodat je het nog op tijd kan opeten. | Iets over de datum is | Dat de koelkast aangeeft wanneer de producten over de datum zijn |  | recepten verstrekken bij de ingrediënten die er liggen | Geen |
| Heeft u nog een opmerking of aanvulling? |  | Nee. | Nee | No |  | suc6 | Voor mij zouden er geen voordelen aan zitten. |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Waar denkt u aan als u het woord slimme koelkast hoort? | Betere koeling, ondermeer rekening houdend met energieprijzen op dat moment, maar ook bijhouden wat er in de koelkast staat, de houdbaarheidsdatum in acht nemen en misschien zelfs automatisch bestellen wanneer de voorraad op raakt. De koelkast zou ook op basis van gebruik van de produkten moeten kunnen voorspellen zodat de voorraad tijdig aangevuld kan worden. Misschien kan de koelkast zelfs menu tips geven, zeker op het moment dat iets de houdbaarheidsdatum dreigt te overschrijden en er een gemakkelijk te bereiden gerecht wenselijk is. Uiteraard moet de koelkast met een app uit te lezen en te bedienen zijn. | Apps | De koelkast kan automatisch inzien wat er in en uit de koelkast gaat | Een koelkast met lades en die reageert op je stem, als je "kaas" zegt; doet die de juiste lade open. Ook eentje die aangeeft als een product over de datum is. |
| Hoe graag zou u een slimme koelkast in huis willen hebben? | 6 | 6 | 3 | 7 |
| Wat denkt u dat de voordelen zijn van slimme koelkasten? | Energie behoefte aanpassen op aanbod. Produkten zullen minder snel weggegooid worden. Voorraad automatisch aanvullen. Gerechten suggesties. Zie ook het antwoor op vraag 1. | Temperatuur optimaal, houdbaarheid producten beter bijhouden, energie besparing | Handig voor boodschappen | - duurzamer - geordend |
| Wat denkt u dat de nadelen zijn van een slimme koelkast? | Kostprijs wordt hoger. Hackers. | Kosten (hogere aanschafprijs voor de koelkast) | Duur en overbodig | - lui - meer producten |
| Bijhouden wat er in de koelkast zit | 8 | 10 | 7 | 7 |
| Boodschappenlijstjes uitprinten | 8 | 6 | 8 | 9 |
| Barcodes uitprinten voor speciale items zoals fruit | 6 | 1 | 1 | 2 |
| Een app die vertelt wat er in de koelkast zit en of weet of u nog wat moet bestellen | 8 | 10 | 8 | 8 |
| Welke features zou u nog meer willen zien dat een slimme koelkast doet? | Zie vraag 1 | Temperatuur optimalisatie, bijhouden als producten bijna over datum zijn zodat je die kan gebruiken voordat ze over datum zijn. |  | Producten die over de datum zijn aangeven. |
| Heeft u nog een opmerking | Succes! | Succes met het project! |  | Nee. |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Waar denkt u aan als u het woord slimme koelkast hoort? | Bier | Een koelkast die weet wat hij in zich heeft | Android op koelkast | Koelkast met een hoger IQ dan andere (aka die minder stroom verbruikt/met telefoon is verbonden ofzo ) | Voorraad check in de koelkast bestellen via de koelkast | een koelkast die zelf beheerd wat er in de koelkast zit en dus ook besteld wat er niet meer is |
| Hoe graag zou u een slimme koelkast in huis willen hebben? | 8 | 10 | 6 | 8 | 3 | 8 |
| Wat denkt u dat de voordelen zijn van slimme koelkasten? | Niet alles zelf hoeven te onthouden | Een overzicht van wat er is | Waarschuwt als dingen op zijn of over houdbaarheid | Meer inzicht (als je in de supermarkt staat of voor de aanbevolen temperatuur) | Makkelijk bij het boodschappen doen.  Controleren van houdbaarheids datum voor gekochte producten of 'restjes maaltijden' | voorraad beheer, SW updates van de fabrikant, recepten |
| Wat denkt u dat de nadelen zijn van een slimme koelkast? | Kost duur | Als hij het niet doet gaat het helemaal fout | Geen begin kosten | Hoog stroomverbruik en dat ie slimmer wordt dan ik | Prijs Ik ervaar dit niet als een probleem nu, dus wat wordt ermee opgelost? | alles wat aan het internet hangt kan gehackt worden |
| Bijhouden wat er in de koelkast zit | 10 | 10 | 7 | 9 | 7 | 10 |
| Boodschappenlijstjes uitprinten | 6 | 7 | 5 | 7 | 5 | 10 |
| Barcodes uitprinten voor speciale items zoals fruit | 7 | 4 | 7 | 4 | 1 | 6 |
| Een app die vertelt wat er in de koelkast zit en of weet of u nog wat moet bestellen | 1 | 10 | 8 | 9 | 6 | 8 |
| Welke features zou u nog meer willen zien dat een slimme koelkast doet? | Altijd de juiste temp. aanhouden | Mario | Waarschuwen als iets dreigt te bederven | Me weltrusten wensen s avonds | interactief beheer voorraad | Recepten aanbevelen op basis van inventaris koelkast |
| Heeft u nog een opmerking of aanvulling? | Nee hoor | Waar kan ik hem bestellen | Gebruiksvriendelijk | Sorry voor de trol (de rest is wel serieus ingevuld tho alleen sommige tekst niet) | nee |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Waar denkt u aan als u het woord slimme koelkast hoort? | (het woord slimme of koelkast... of beide ;))  Een koelkast die zelfstandig kan functioneren | Samsung | Wereld-dominatie. | Boodschappenlijst online synchroniseren; geurdetectie voor zuivel, fruit en groente; vochtdetectie voor condensatie (leidt tot kortere houdbaarheid van bijv. Zuivel); gewichtdetectie en product herkenning zodat de koelkast weet of een fles bijv. bijna leeg is; weergave Energieverbruik; weergave welke producten wel/niet in de koelkast mogen |
| Hoe graag zou u een slimme koelkast in huis willen hebben? | 10 | 8 | 2 | 9 |
| Wat denkt u dat de voordelen zijn van slimme koelkasten? | Beter op de hoogte van het verbruik van producten en de koelkast kan automatisch updates sturen over wat er nodig is aan boodschappen | Automatische inventarisatie inhoud koelkast. Houdbaarheid controleren en bijhouden. | verhoogde omzet voor supermarkten & real time data collection voor data analyse doeleinden. | Gemak; minder voedselverspilling; minder energieverbruik (minder controle en dus minder openen nodig) |
| Wat denkt u dat de nadelen zijn van een slimme koelkast? | niets | Privacy, complexiteit | verdere afbraak / inbreuk op privacy & irritante reclames zoals op youtube. | Algemeen: teveel gemak waardoor je teveel gaat vertrouwen op je ijskast  Automatisch bestellen: minder mensen naar de supermarkt = minder socialisatie; werkt niet als bezorgtijden altijd tijdens werktijden zijn (ijskast moet bezorgtijden goed kunnen plannen); te dure producten worden besteld in plaatsvan wachten op aanbiedingen |
| Bijhouden wat er in de koelkast zit | 10 | 10 | 1 | 10 |
| Boodschappenlijstjes uitprinten | 4 | 10 | 1 | 10 |
| Barcodes uitprinten voor speciale items zoals fruit | 4 | 3 | 0 | 8 |
| Een app die vertelt wat er in de koelkast zit en of weet of u nog wat moet bestellen | 10 | 10 | 2 | 10 |
| Welke features zou u nog meer willen zien dat een slimme koelkast doet? | recepten samenstellen |  | maaltijd / dieetplanner, bijhouden wat aan de datum is & integratie met andere data systemen zoals fitbit zodat mijn eten aansluit bij wat ik doe. | Zie 1e vraag |
| Heeft u nog een opmerking of aanvulling? |  |  | denk goed na over beveiliging zeker wanneer je de koelkast in contact staat met internet en automatisch artikel… | Nee |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Waar denkt u aan als u het woord slimme koelkast hoort? | Automatisch voorraad bijhouden | Boodschappenlijst en temperatuurzones | Smart | Koelkast met slimme functionaliteiten zoals bijhouden van welke producten bijna over datum raken etc. | Een koelkast die zelf de einddata van producten in de gaten houdt, en kijkt hoe koud het bier is | Een koelkast die aangestuurd is door middel van "smart" software die hedendaagse activiteiten makkelijker hoort te maken. |
| Hoe graag zou u een slimme koelkast in huis willen hebben? | 9 | 10 | 10 | 8 | 8 | 6 |
| Wat denkt u dat de voordelen zijn van slimme koelkasten? | Het gemak van het internet towpassen | Gebruiksgemak en hygieneinzicht nav temperatuurfluctuaties | Met een app de voorraad checkeb | Minder producten over datum dus minder weggooien? | Minder werk voor mij, meer tijd voor fappen | Dat die automatisch doorheeft wanneer er producten uit de koelkast zijn gehaald. Door de verbinding met het internet kan de koelkast er voor zorgen dat je boodschappen automatisch worden besteld. |
| Wat denkt u dat de nadelen zijn van een slimme koelkast? | Stroom verbruik en complexiteit | Als er geen aansturing van buitenaf plaatsvind dan zie ik geen probleem. Zodra 'slim' ook geïmplementeerd wordt met aansturing zoals temperatuur instellen of het apparaat uitzetten dan zijn er mogelijke problemen | Niks | Stroomverbruik | Data-leakage, bad security, no security | Het is ingewikkelder te gebruiken voor senioren. |
| Bijhouden wat er in de koelkast zit | 8 | 10 | 10 | 9 | 9 | 10 |
| Boodschappenlijstjes uitprinten | 3 | 10 | 10 | 9 | 8 | 7 |
| Barcodes uitprinten voor speciale items zoals fruit | 3 | 10 | 10 | 9 | 0 | 7 |
| Een app die vertelt wat er in de koelkast zit en of weet of u nog wat moet bestellen | 9 | 10 | 10 | 9 | 9 | 10 |
| Welke features zou u nog meer willen zien dat een slimme koelkast doet? | Temperatuur advies | Temperatuuroverzicht. | Muziek | Koelkast gecombineerd met diepvriezer | Bierthermometer | Zie antwoord bovenstaand. |
| Heeft u nog een opmerking of aanvulling? | Goed project | Recepten op basis van inhoud van de koelkast zou ook een nifty feature zijn. | Nee | Nee | Als jullie PWS af is, stuur me dan een kopie op sven@taupeweb.nl | Nvt. |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Waar denkt u aan als u het woord slimme koelkast hoort? | Een koelkast die aangestuurd is door middel van "smart" software die hedendaagse activiteiten makkelijker hoort te maken. | Koelkast die zelf een voorraad kan bij houden | Gsm features in koelkast | Eten | Een koelkast die weet wat hij in zich heeft zitten. |
| Hoe graag zou u een slimme koelkast in huis willen hebben? | 6 | 6 | 10 | 6 | 6 |
| Wat denkt u dat de voordelen zijn van slimme koelkasten? | Dat die automatisch doorheeft wanneer er producten uit de koelkast zijn gehaald. Door de verbinding met het internet kan de koelkast er voor zorgen dat je boodschappen automatisch worden besteld. | Op afstand aanpassen temperaturen. Temperatuur logs. Voorraadmanagement? | Mensen zitten niet heel de tijd op hun gsm te tokkelen en kunnen Bv weer zien op koelkast | Gebruiksgemak | Handig om te weten welke spullen er in de koelkast zitten en je kan het vanaf een afstandje bekijken op bv je telefoon dus hoef je niet helemaal naar de koelkast toe. |
| Wat denkt u dat de nadelen zijn van een slimme koelkast? | Het is ingewikkelder te gebruiken voor senioren. | Duur, meer technologie die kapot kan gaan. | Je gaat langer voor de koelkast staan | Privacy | Wereldoverheersing |
| Bijhouden wat er in de koelkast zit | 10 | 8 | 10 | 7 | 8 |
| Boodschappenlijstjes uitprinten | 7 | 7 | 10 | 9 | 5 |
| Barcodes uitprinten voor speciale items zoals fruit | 7 | 4 | 8 | 4 | 6 |
| Een app die vertelt wat er in de koelkast zit en of weet of u nog wat moet bestellen | 10 | 6 | 10 | 8 | 9 |
| Welke features zou u nog meer willen zien dat een slimme koelkast doet? | Zie antwoord bovenstaand. | Internet TV | Als de koelkast niet gebruikt word, het weer op een display tonen | Houdbaarheid controleren | Pratende koelkast (evt een scherm waarop tekst komt te staan op de koelkast) |
| Heeft u nog een opmerking of aanvulling? | Nvt. |  | Super project! | Nee | Nee |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Waar denkt u aan als u het woord slimme koelkast hoort? | Dat hij voor je mee denkt etc | Een koelkast die bijhoudt wat de voorraad is en producten besteld die onder voorraadniveau komen. |  | Een koelkast die meer kan dan alleen koelen | Moderne koelkast | Duurzaam | Een koelkast die door analyse van de voedselwaren in de koelkast de optimale koel temperstuur kan bewaren. En mij in de supermarkt kan vertellen of ik nog melk of andere voedsel waren in de koelkast heb staan. |
| Hoe graag zou u een slimme koelkast in huis willen hebben? | 7 | 7 | 2 | 7 | 6 | 8 | 2 |
| Wat denkt u dat de voordelen zijn van slimme koelkasten? | Dat je minder hoeft te denken en als je invalide bent dingen aangeeft wat je moet doen enzo | Nooit meer misgrijpen. Geen of minder producten die over datum zijn. |  | Je kan hem koppelen aan je telefoon en pc | Maakt het dagelijks leven makkelijker | Bewuster | Langere houdbaarheid van producten. |
| Wat denkt u dat de nadelen zijn van een slimme koelkast? | Dat andere het misschien kunnen hacken | Fouten in voorraadbeheer door menselijk handelen. |  | Het kost veel geld en gaat sneller kapot | Kost veel geld en stroom | Lastig voor oudere | De aanschaf koste |
| Bijhouden wat er in de koelkast zit | 8 | 8 | 4 | 9 | 8 | 10 | 10 |
| Boodschappenlijstjes uitprinten | 7 | 8 | 8 | 7 | 8 | 9 | 7 |
| Barcodes uitprinten voor speciale items zoals fruit | 8 | 5 | 7 | 6 | 4 | 8 | 0 |
| Een app die vertelt wat er in de koelkast zit en of weet of u nog wat moet bestellen | 10 | 9 | 2 | 9 | 7 | 10 | 10 |
| Welke features zou u nog meer willen zien dat een slimme koelkast doet? | Ik zou het niet weten moet dan echt meer ervaring hebben mee programmeren ofzo | Kook advies/recept op basis van inhoud. Aanwezige voorraad ieder moment in te zien/tonen. |  | Bij houden of er dingen over de datum zijn | Dat deze naar je toe kan rijden |  |  |
| Heeft u nog een opmerking of aanvulling? | Nee eigenlijk niet. Het is wel een mooi idee | Ook ijsblokjes bijhouden. Temperatuuradvies. |  | X | Je zou ook nog de houdsbaarheidsdatum laten controleren |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Waar denkt u aan als u het woord slimme koelkast hoort? | Een koelkast met meerder functies naast koelen, bijvoorbeeld het bijhouden van houdbaarheidsdata. | Een koelkast die personen van (bijna) alles kan voorzien. | Koelkast die een soort van communiceert met jou | IQ van 150 |  |
| Hoe graag zou u een slimme koelkast in huis willen hebben? | 8 | 10 | 8 | 0 |  |
| Wat denkt u dat de voordelen zijn van slimme koelkasten? | Meer orde en structuur. Alleen dingen kopen die je echt nodig hebt en ook echt op gaat gebruiken. | Mensen kunnen zo sneller gebruik maken van het product en misschien wel waarschuwen voor (bijna) over datum-producten | Handig als je in de winkel staar | Hij kan mijn huiswerk maken |  |
| Wat denkt u dat de nadelen zijn van een slimme koelkast? | Kost veel energie en is waarschijnlijk ook erg duur. | Mensen worden er luier van | Duur | Het kan de wereld overnemen |  |
| Bijhouden wat er in de koelkast zit | 9 | 10 | 10 | 8 |  |
| Boodschappenlijstjes uitprinten | 7 | 8 | 4 | 8 |  |
| Barcodes uitprinten voor speciale items zoals fruit | 6 | 3 | 4 | 8 |  |
| Een app die vertelt wat er in de koelkast zit en of weet of u nog wat moet bestellen | 9 | 7 | 10 | 7 |  |
| Welke features zou u nog meer willen zien dat een slimme koelkast doet? | Een arm die je een drankje aangeeft als je dat wil 😊 | Waarschuwen voor bijna over datum-producten |  | Kunnen pinnen |  |
| Heeft u nog een opmerking of aanvulling? | Ik zou er wel een kopen als het bestond :) | Nee |  | Hoe lang is een chinees |  |

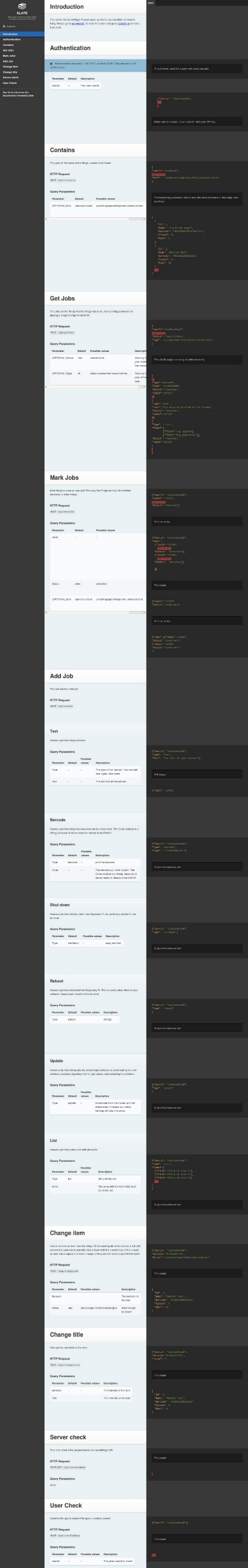
# Eind enquête

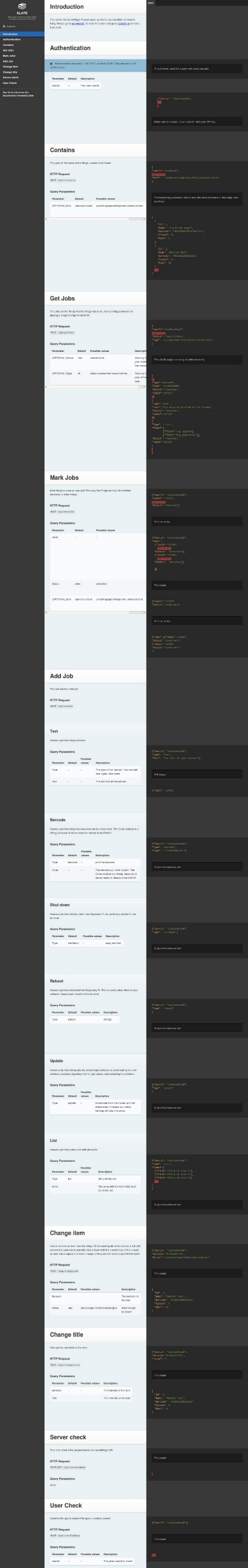
|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Heeft u de vorige enquête beantwoord? | 0 | 1 | 1 | 0 | 0 | 0 | 1 |
| In het filmpje laten we 3 functies zien:1 het bijhouden van de producten(hier de chocoladereep) en het laten zien in de app.2. Boodschappenlijstje uitprinten.3. Het printen van een barcode voor een product zonder barcode.Wat vind u van punt 1: | 9 | 9 | 7 | 10 | 5 | 8 | 8 |
| Mogelijk uitleg voor uw antwoord op de vorige vraag(niet verplicht): |  | Handig om te weten wat er in je koelkast zit |  |  |  |  |  |
| Wat vindt u van punt 2: het uitprinten van het boodschappenlijstje? | 5 | 6 | 8 | 10 | 9 | 8 | 8 |
| Mogelijk uitleg voor uw antwoord op de vorige vraag(niet verplicht): |  | Niet alles wat uit mijn koelkast gaat hoeft op het boodschappen lijstje |  |  |  |  |  |
| Wat vind u van punt 3: het printen van een barcode voor items zonder barcode? | 8 | 8 | 7 | 8 | 7 | 8 | 5 |
| Mogelijk uitleg voor uw antwoord op de vorige vraag(niet verplicht): |  | Handig zodat alle producten in de app kunnen worden toegevoegd |  |  |  |  |  |
| Hier ziet u het thuisscherm van de app. Wat vind u ervan? | Zier er goed uit | Overzichtelijk maar wel een beetje saai | Toegankelijk en overzichtelijk. (Less is more) |  | Handig | Overzichtelijk | Duidelijk en overzichtelijk |
| Hier ziet u het opdrachtenscherm van de app. Wat vind u ervan? | Ziet er ook goed uit | Jammer dat het in het Engels is, onhandig als de koelkast voor bijvoorbeeld ouderen wordt gebruikt |  | Duidelijk | Wennen | Duidelijk, niet meteen te zien of Nederlandse versie beschikbaar is | Duidelijk |
| Hier ziet u het scherm om boodschappenlijstjes in te maken. Wat vind u ervan? | Ziet er handig uit | Handig en ziet er goed uit | Ik zie geen optie om iets extra's aan het boodschappenlijstje toe te voegen. Iets wat je eerder nog niet in je koelkast heb gehad of gescand | Overzichtelijk | Prima |  | Nog steeds prima |
| Heeft u nog een functie in gedachten die we zouden kunnen toevoegen? |  |  | Zie vorige vraag. |  | Nee | Houdbaarheids overzicht | Nee |
| Dit was het einde van het onderzoek. Als u nog vragen heeft, opmerkingen etc, kunt u dat hier invullen. Heel erg bedankt! |  |  | Nope, succes! |  |  | Graag gedaan | Heel knap gedaan ! |

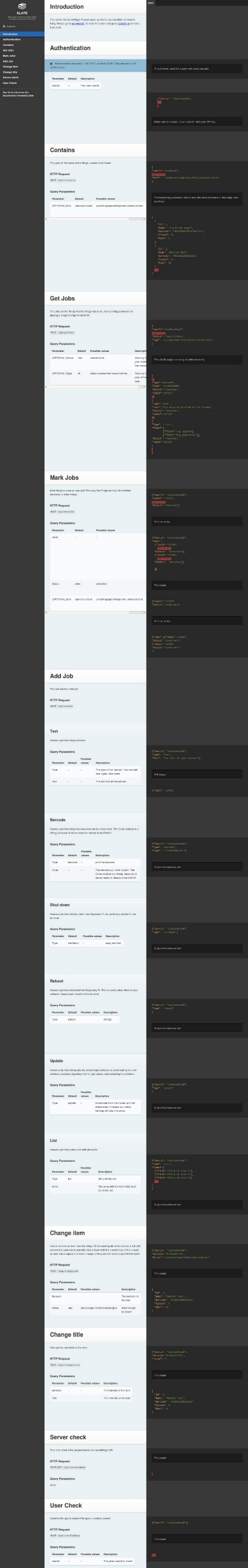
|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Heeft u de vorige enquête beantwoord? | 1 | 1 | 0 | 1 | 1 | 0 |
| In het filmpje laten we 3 functies zien:1 het bijhouden van de producten(hier de chocoladereep) en het laten zien in de app.2. Boodschappenlijstje uitprinten.3. Het printen van een barcode voor een product zonder barcode.Wat vind u van punt 1: | 8 | 7 | 6 | 10 | 8 | 7 |
| Mogelijk uitleg voor uw antwoord op de vorige vraag(niet verplicht): |  |  |  | dan weet je wat er te vreten valt |  |  |
| Wat vindt u van punt 2: het uitprinten van het boodschappenlijstje? | 9 | 9 | 9 | 7 | 8 | 7 |
| Mogelijk uitleg voor uw antwoord op de vorige vraag(niet verplicht): |  |  |  | je kan zelf ook redelijk een boodschappenlijstje maken |  |  |
| Wat vind u van punt 3: het printen van een barcode voor items zonder barcode? | 6 | 4 | 8 | 9 | 7 | 7 |
| Mogelijk uitleg voor uw antwoord op de vorige vraag(niet verplicht): | Begrijp niet helemaal waar het voor nodig is | Wat is het nut? |  | appels en peren verdienen ook een barcode |  |  |
| Hier ziet u het thuisscherm van de app. Wat vind u ervan? | Ok | Beetje klein weer gegeven. Maar ziet dr goed uit. | Overzichtelijk | prima |  | Ziet er netjes en overzichtelijk uit! |
| Hier ziet u het opdrachtenscherm van de app. Wat vind u ervan? | Meest gebruikte functies bovenaan zEtten dus niet de shutdowns bovenaan. | Primq | Logische keuzes over de plaatsing van bepaalde knoppen. Makkelijk te gebruiken. | ja prima gewoon |  |  |
| Hier ziet u het scherm om boodschappenlijstjes in te maken. Wat vind u ervan? | Handig | Alleen maar printen en aan klikken toch? | Ideaal, zeer handig. | je moet zelf dingen kunnen toevoegen en hoeveelheden aanpassen |  |  |
| Heeft u nog een functie in gedachten die we zouden kunnen toevoegen? | Meten hoe koud de koelkast is. Aanbeveling voor recepten op basis van inhoud.  Aanbevolen temperatuur voor bier. | Wordt nu ook de houdbaarheid weer gegeven? |  | dj vinnii exculusives |  |  |
| Dit was het einde van het onderzoek. Als u nog vragen heeft, opmerkingen etc, kunt u dat hier invullen. Heel erg bedankt! | Ok. Ps jodenkoeken hoeven niet in de koelkast. | Goed werk jongens! |  | hoeveel gaat ie kosten |  |  |

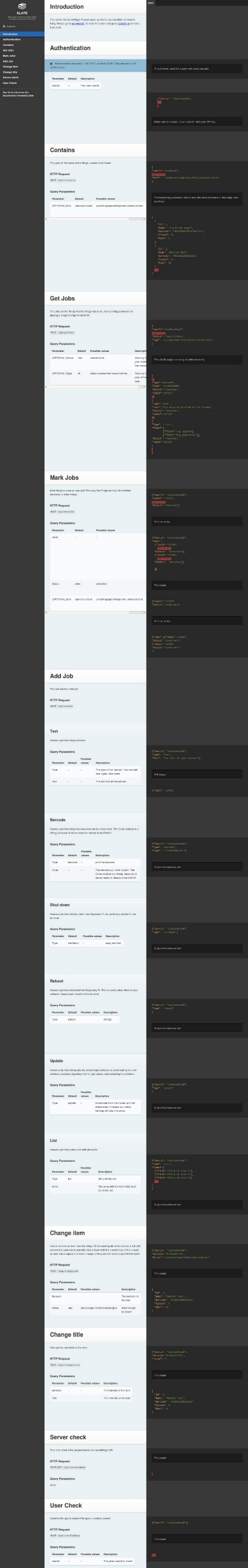
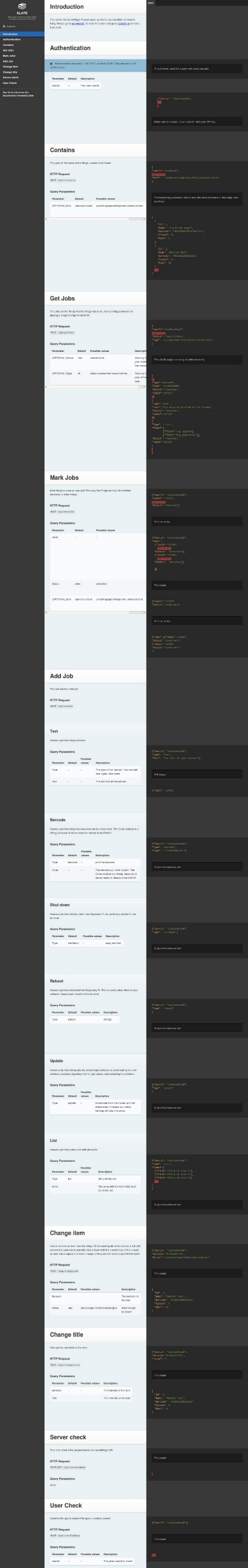
|  |  |  |
| --- | --- | --- |
| Heeft u de vorige enquête beantwoord? | 1 | 0 |
| In het filmpje laten we 3 functies zien:1 het bijhouden van de producten(hier de chocoladereep) en het laten zien in de app.2. Boodschappenlijstje uitprinten.3. Het printen van een barcode voor een product zonder barcode.Wat vind u van punt 1: | 7 | 6 |
| Mogelijk uitleg voor uw antwoord op de vorige vraag(niet verplicht): | Goed concept, kan verbeterd worden | Een koelkast is vaak redelijk overzichtelijk ingericht. Je kan best snel zien wat er in staat en wat niet. Het scannen en drukken kost daarentegen miss wel wat meer tijd. |
| Wat vindt u van punt 2: het uitprinten van het boodschappenlijstje? | 6 | 8 |
| Mogelijk uitleg voor uw antwoord op de vorige vraag(niet verplicht): | Niet per se nodig | Je hoeft zelf niet meer te kijken wat je nodig hebt, alles staat al op een rijtje. De printer is ook wel leuk, want dan hoef je niet meer te schrijven |
| Wat vind u van punt 3: het printen van een barcode voor items zonder barcode? | 8 | 4 |
| Mogelijk uitleg voor uw antwoord op de vorige vraag(niet verplicht): | Handig om te weten wat er in zit maar kan wel gedoe geven | Kost best veel tijd en kan onoverzichtelijk worden. Een kilo appels kan ik nog net wel vinden in mijn koelkast |
| Hier ziet u het thuisscherm van de app. Wat vind u ervan? | Kleurloos | Overzichtelijk en zakelijk, niet teveel poespas |
| Hier ziet u het opdrachtenscherm van de app. Wat vind u ervan? | Kleurloos | Ook overzichtelijk en zakelijk |
| Hier ziet u het scherm om boodschappenlijstjes in te maken. Wat vind u ervan? | Kleurloos | Wederom overzichtelijk en zakelijk |
| Heeft u nog een functie in gedachten die we zouden kunnen toevoegen? | Transformers optie | Houdbaarheidsdata |
| Dit was het einde van het onderzoek. Als u nog vragen heeft, opmerkingen etc, kunt u dat hier invullen. Heel erg bedankt! | Waar is mijn bericht op twitter | Waar is de blauwe knop voor?? |

# Documentatie

De documentatie voor de API staat op <https://arendjan.github.io/slate/> en is niet zo makkelijk als tekst te kopieren. Daarom hebben we het als een plaatje hier ingevoegd.







# Logboek

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Wie | wat | hoe lang | wanneer | Arend-Jan | Vincent |
| Arend-Jan, Vincent | Onderwerp bedenken + idee bestand maken | 4 | ? | 2 | 2 |
| Arend-Jan | Koelkast regelen(regelen, opslaan, ophalen en plaatsen | 2 | Verdeeld over meerdere dagen | 2 | 0 |
| Arend-Jan | Laptop regelen + Ubuntu 16.04 installeren + rj45 kabel regelen | 2 | 12-mei | 2 | 0 |
| Arend-Jan, Vincent | Koelkast poetsen + opruimen | 2 | 18-mei | 1 | 1 |
| Arend-Jan, Vincent | Jumbo + appie happie mailen voor database | 2 | 23-mei | 1 | 1 |
| Arend-Jan, Vincent | Slot op koelkast zetten | 2 | 25-mei | 1 | 1 |
| Arend-Jan | Raspberry Pi regelen | 1 | 6-6-2016 | 1 | 0 |
| Arend-Jan, Vincent | Plan van aanpak 1b maken + controleren | 3 | 16-jun | 1,5 | 1,5 |
| Arend-Jan, Vincent | Hardware besteld | 2 | 16-6-2016 | 1 | 1 |
| Arend-Jan, Vincent | Eerste boot, werkte niet, mailtje naar SOSsolutions gestuurd | 3 | 23-6-2016 | 1,5 | 1,5 |
| Arend-Jan, Vincent | bespreken hoe we alles gaan doen | 2 | 22-8-2016 | 1 | 1 |
| Vincent | Vincent | 2 | 25-8-2016 | 0 | 2 |
| Arend-Jan, Vincent | Jumbo hekken | 2 | 29-8-2016 | 1 | 1 |
| Arend-Jan, Vincent | Printen, php pagina, phpMyAdmin | 5 | 31-8-2016 | 2,5 | 2,5 |
| Arend-Jan, Vincent | Tabel gemaakt, newItem.php gefixt, zooi besteld index.php gemaakt | 4 | 1-9-2016 | 2 | 2 |
| Arend-Jan | Documentatie begonnen(slate geinstalleerd), Enquete gemaakt | 3,5 | 6-9-2016 | 3,5 | 0 |
| Vincent | newItem.php vraagt omschrijving op via getItem.php, meer tabellen zoals log en jobs | 2 | 7-9-2016 | 0 | 2 |
| Arend-Jan | Raspberry Pi aansluiten, terminal fixxen, wifi aansluiten, ip mail | 3,5 | 14-9-2016 | 3,5 | 0 |
| Arend-Jan, Vincent | overleggen over documentatie | 1 | 16-9-2016 | 0,5 | 0,5 |
| Arend-Jan | Python code opzetten, update code, install code | 2 | 16-9-2016 | 2 | 0 |
| Arend-Jan | Install verder maken | 2 | 17-9-2016 | 2 | 0 |
| Arend-Jan | Begin verslag + code aanpassingen | 4 | 18-9-2016 | 4 | 0 |
| Vincent | contains.php gemaakt, producten tabel naar products tabel en fix van alles naar engels | 3 | 19-9-2016 | 0 | 3 |
| Arend-Jan | Install checken | 1 | 19-9-2016 | 1 | 0 |
| Arend-Jan | Install fixxen | 3 | 20-9-2016 | 3 | 0 |
| Vincent | JSON uit post uitlezen in itemChange.php | 2 | 21-9-2016 | 0 | 2 |
| Arend-Jan | Install nog eens checken, werkt nu, code nog niet | 2 | 21-9-2016 | 2 | 0 |
| Vincent | Functies maken voor itemChange.php, | 2 | 22-9-2016 | 0 | 2 |
| Arend-Jan | Printer installeren | 2 | 22-9-2016 | 2 | 0 |
| Arend-Jan | JSON slopen aanpassen, | 2 | 24-9-2016 | 2 | 0 |
| Arend-Jan | Fixxen van magic memory leak, code werkend gekregen | 3 | 25-9-2016 | 3 | 0 |
| Vincent | Begin getJobs.php | 2 | 25-9-2016 | 0 | 2 |
| Arend-Jan | Printer testen, wat niet werkte, 1 meter geprint | 1 | 26-9-2016 | 1 | 0 |
| Vincent | addJob.php, markJob.php en getJobs.php afmaken | 4 | 27-9-2016 | 0 | 4 |
| Arend-Jan, Vincent | Onregelmatigheden fixxen! | 3 | 27-9-2016 | 1,5 | 1,5 |
| Vincent | Schoonheidsfoutjes fixen in php gedeelte + bezig aan verslag | 3 | 28-9-2016 | 0 | 3 |
| Arend-Jan, Vincent | Gaten geboord voor knoppen en knoppen er in gezet | 2 | 29-9-2016 | 1 | 1 |
| Arend-Jan, Vincent | ERD gemaakt | 2 | 30-9-2016 | 1 | 1 |
| Arend-Jan | relais regelen en checken | 2 | 3-10-2016 | 2 | 0 |
| Vincent | Bezig met verslag | 2 | 12-10-2016 | 0 | 2 |
| Vincent | Enquete gegevens verwerken | 2 | 13-10-2016 | 0 | 2 |
| Vincent | Verlsag | 4 | 23-10-2016 | 0 | 4 |
| Arend-Jan | App, etc website api idk | 4 | 23-10-2016 | 4 | 0 |
| Arend-Jan | App, etc website api idk | 4 | 24-10-2016 | 4 | 0 |
| Arend-Jan | App, etc website api idk | 2 | 25-10-2016 | 2 | 0 |
| Arend-Jan | App, etc website api idk | 1,5 | 26-10-2016 | 1,5 | 0 |
| Vincent | Issues fixen | 2 | 27-10-2016 | 0 | 2 |
| Arend-Jan | App, etc website api idk | 2 | 27-10-2016 | 2 | 0 |
| Arend-Jan | App, contains | 4 | 4-11-2016 | 4 | 0 |
| Arend-Jan | App, omschrijven naar een class met api | 1,5 | 5-11-2016 | 1,5 | 0 |
| Vincent | Bugs en issues fixen | 1 | 6-11-2016 | 0 | 1 |
| Arend-jan | App, dialog grotendeels | 2,5 | 6-11-2016 | 0 | 0 |
| Vincent | delOpen en delClosed gemaakt | 1 | 7-11-2016 | 0 | 1 |
| Arend-Jan | App, dialog afmaken, github fix, koelkast fix van error crashes, documentation fix | 4 | 7-11-2016 | 4 | 0 |
| Vincent | Logging fixen en implementeren | 3 | 9-11-2016 | 0 | 3 |
| Arend-Jan | userIdCheck implementeren | 2 | 9-11-2016 | 2 | 0 |
| Vincent | getLog maken | 1 | 10-11-2016 | 0 | 1 |
| Vincent | Begin generateUserId.php | 1 | 11-11-2016 | 0 | 1 |
| Arend-Jan | Jobs begin | 4 | 13-11-2016 | 4 | 0 |
| Vincent | generateUserId afmaken, openItem.php Fix, itemChange.php JSON return en verslag | 5 | 14-11-2016 | 0 | 5 |
| Arend-Jan | jobs createItem gemaakt | 3 | 14-11-2016 | 3 | 0 |
| Arend-Jan | jobs, barcode genereren gemaakt | 3 | 15-11-2016 | 3 | 0 |
| Vincent | error Logging | 4 | 16-11-2016 | 0 | 4 |
| Arend-Jan | Jobs afmaken | 3 | 16-11-2016 | 3 | 0 |
| Arend-Jan | Beginnen lijstje | 3 | 18-11-2016 | 3 | 0 |
| Arend-Jan | Verder lijstje, php aanpassen | 2 | 19-11-2016 | 2 | 0 |
| Arend-Jan | Lijstje af | 4 | 20-11-2016 | 4 | 0 |
| Arend-Jan | Log begin | 3 | 21-11-2016 | 3 | 0 |
| Arend-Jan | Log afmaken, teksten en php aanpassen | 2 | 22-11-2016 | 2 | 0 |
| Vincent | Verlsag | 2 | 23-11-2016 | 0 | 2 |
| Arend-Jan | Verslag | 2 | 23-11-2016 | 2 | 0 |
| Vincent | Verslag | 2 | 24-11-2016 | 0 | 2 |
| Vincent | Verslag | 1 | 25-11-2016 | 0 | 1 |
| Arend-Jan | Verslag | 4 | 27-11-2016 | 4 | 0 |
| Arend-Jan | Verslag | 4 | 28-11-2016 | 4 | 0 |
| Vincent | Verslag | 4 | 28-11-2016 | 0 | 4 |
| Arend-Jan | Verslag | 2 | 29-11-2016 | 2 | 0 |
| Arend-Jan | Verslag | 3 | 30-11-2016 | 3 | 0 |
| Vincent | Verslag | 2 | 1-12-2016 | 0 | 2 |
| Arend-Jan | Verslag | 3 | 2-12-2016 | 3 | 0 |
| Arend-Jan | Verslag | 5 | 4-12-2016 | 5 | 0 |
| Arend-Jan | Verslag | 3 | 5-12-2016 | 3 | 0 |
| Vincent | Verslag | 1 | 6-12-2016 | 0 | 1 |
| Arend-Jan | Verslag | 3 | 6-12-2016 | 3 | 0 |
| Vincent | Verslag | 3 | 7-12-2016 | 0 | 3 |
| Arend-Jan | Verslag | 4 | 7-12-2016 | 4 | 0 |
| Arend-Jan | Verslag | 3 | 8-12-2016 | 3 | 0 |
| Vincent | Verslag | 3 | 9-12-2016 | 0 | 3 |
| Arend-Jan | Verslag | 3 | 9-12-2016 | 3 | 0 |
| Vincent | Verslag | 5 | 11-12-2016 | 0 | 5 |
| Arend-Jan | Verslag afmaken en printen | 6 | 11-12-2016 | 6 | 0 |
| Arend-Jan | Perforeren en inleveren | 1 | 12-12-2016 | 1 | 0 |
|  | uren: | 244,5 |  | 156 | 88,5 |
|  |  |  |  | AJ | Vincent |

Het totaal aantal uren is 244,5. Arend-Jan heeft aan dit PWS 156 uur gewerkt en Vincent 88.5 uur.