

Phase 6

Source Listing:

daily.sh

```
#!/bin/bash

runFrontEnd="./csci3060u-project-frontend/src/a.out"
transactions="./DailyScriptTransactions/$1"

echo "$1"

# run 5 frontend sessions
for i in DailyScriptInputs/$1/*
do
    echo "$i"
    filename=$(basename $i)
    rm $transactions/$filename
    $runFrontEnd currentusers.txt availableitems.txt
    $transactions/$filename < $i &> /dev/null
done

# combine transaction files into one daily transaction file
rm dailytransactions.txt
for i in $transactions/*
do
    cat $i >> dailytransactions.txt
done

# run backend with daily transactions
java -jar backend.jar
```

weekly.sh

```
#!/bin/bash

frontend="./csci3060u-project-frontend"

# compile frontend
g++ $frontend/src/main.cpp
```

```

# clear previous content in files
: > currentusers.txt
: > availableitems.txt

# set file content
text="fullUsername      FS 001110.00
buyUsername           BS 009999.99
sellUsername          SS 000000.00
adminUsername         AA 000050.00"
echo "$text" > currentusers.txt

text="basketball      someUs3r      fullUsername      010.00
sneakers              exampleUsername someBidder      005.00"
echo "$text" > availableitems.txt

# run the daily script 5 times
for i in {1..5}
do
    foldername="day$i"
    ./daily.sh $foldername
done

```

Day 1 Session Inputs:

Session 1:

login
 adminUsername
 addCredit
 fullUsername
 5.00
 exit

Session 2:

login
 adminUsername
 create
 newUsername
 AA
 exit

Session 3:

login
 fullUsername
 bid

basketball
someUs3r
18
exit

Merged Daily Transaction File:

06 fullUsername FS 000005.00
01 newUsername AA 000000.00
04 basketball someUs3r fullUsername 0000018.0

New Available Items Files:

Day 1:

basketball	someUs3r	fullUsername	010.00
sneakers	exampleUsername	someBidder	005.00

Day 2:

basketball	someUs3r	fullUsername	010.00
sneakers	exampleUsername	someBidder	005.00
NintendoSwitch	fullUsername		350.00

Day 3:

basketball	someUs3r	fullUsername	010.00
sneakers	exampleUsername	someBidder	005.00
NintendoSwitch	fullUsername		350.00
PS4	sellUsername		350.00

Day 4:

basketball	someUs3r	fullUsername	010.00
sneakers	exampleUsername	someBidder	005.00
NintendoSwitch	fullUsername		350.00
PS4	sellUsername		350.00
XBOX	fullUsername		350.00

Day 5:

basketball	someUs3r	fullUsername	010.00
sneakers	exampleUsername	someBidder	005.00
NintendoSwitch	fullUsername		350.00
PS4	sellUsername		350.00
XBOX	fullUsername		350.00
Wii	fullUsername		050.00

Integration Defect Report:

There were some issues which were uncovered during this phase:

Backend/Frontend/Test	Issue	Resolution
Frontend	Bids/Credit wasn't formatted properly	Changed function in DailyTransactionFileManager to give correct format
Backend	Needed to run eclipse project using a shell script	Exported project as a .jar file and executed the .jar file
Backend	Issue with running a bad .jar file	Re-exported .jar file
Test	Improper inputs and availableitemsfile content	Fixed content of inputs and availableitemsfile
Frontend	Delete function does not include account type	Fixed bad conditional in deleteUserAccount functional