

Phase 6: Report File

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Integration defect report

Backend/Frontend/Test	Issue	Resolution
Frontend	Bids/Credit is not formatted correctly	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

User guide:

Daily script file runs the front end with different transaction sessions and then the output gets saved into the Daily Transaction file for each session. Links together the separate daily transaction files into a merged daily transaction file. Uses the new merged daily transaction file as input to run the back end.

How to run the Frontend:

Program Running Instructions:

```
-> cd src
-> make
-> ./auction_system ./iofiles/current_users_accounts.txt ./iofiles/available_items.txt ./iofiles/daily_transaction.txt
```

```
-bash: ./a.out: No such file or directory
nalam2000@DESKTOP-MNP230J:/mnt/c/users/nalam/CSCI3060UProject/Phase6/FrontEnd1/src$ make
make: Nothing to be done for 'all'.
nalam2000@DESKTOP-MNP230J:/mnt/c/users/nalam/CSCI3060UProject/Phase6/FrontEnd1/src$ make clean
rm -rf main.o AuctionSystem.o User.o FileController.o auction_system
nalam2000@DESKTOP-MNP230J:/mnt/c/users/nalam/CSCI3060UProject/Phase6/FrontEnd1/src$ make
g++ -c --std=c++11 -fmax-errors=1 main.cpp
g++ -c --std=c++11 -fmax-errors=1 AuctionSystem.cpp
g++ -c --std=c++11 -fmax-errors=1 User.cpp
g++ -c --std=c++11 -fmax-errors=1 FileController.cpp
g++ -o auction_system main.o AuctionSystem.o User.o FileController.o
nalam2000@DESKTOP-MNP230J:/mnt/c/users/nalam/CSCI3060UProject/Phase6/FrontEnd1/src$ ./auction_system ./iofiles/current_u
sers_accounts.txt ./iofiles/available_items.txt ./iofiles/daily_transaction.txt
```

How to run the Backend:

Run the script files that take the backend.jar files to run the backend. In summary, this script runs multiple frontend sessions with the provided input files, combines the resulting transaction

files into a single daily transaction file, and then processes these transactions using the backend.

Script Files:

CSCI3060UProject\Phase6 : dailyscript.sh, weeklyscript.sh

The weeklyscript compiles the frontend source code, initializes the currentusers.txt and availableitems.txt files with predefined content, and then runs the daily.sh script 5 times with different folder names as arguments (day1, day2, day3, day4, and day5). This helps simulate multiple days of frontend and backend operations for the given application.