Failure Log

Test Name	Problem	Problem In	Solution
All tests	All tests did not end because the program never terminated	tests/program	Added exit command to each test to end the tests
login	Segmentation fault after attempting a login	Accounts file	Changed accounts file format from CRLF to LF
delete	Admin was unable to delete	program	Check if user isadmin before running delete command
create	Users file was output all on one line	program	Fixed format adding newline between each user
addCreditUserExists	Program does not terminate	tests	Changed test to enter amount to add
All create tests	Program does not terminate	tests	Changed test to enter all required parameters for creating a user (name, password, type, credit)
loginMultipleLogin	Cannot login once	Accounts file	Added user to accounts file for testing
All tests	Logout prompt does not match	program	Changed logout prompt to match tests
createCreditLimit	Program does not check for credit limit	program	
createUsernameLength	Program does not check for username length	program	
All tests	End of line format compared between files	Tests	Ignore end of line format for tests

addCreditAdminSuccess	Accounts file content deleted after adding credit	Program	Created a temp file to output results to then copied it to the actual accounts file
deleteSuccess	Prompts did not match	program	Change prompt to match the test files
Daily transaction file	Spaces missing between parameters	program	Fixed formatting
Daily transaction file	Did not correctly output transactions for refund	program	Fixed formatting on output for refund
bidSuccess	Program got stuck in infinite loop	program	When converting a double to string, there are trailing 0s added, which added to the length of the string so those were removed
advertiseSuccess	File output all on one line	program	Added newline character after appending each new advertisement
advertiseTests	Accounts did not exist	Accounts file	Added users testselluser and testbuyuser
advertiseAdLimit	Accounts could advertise more than once	program	Add a flag to see if the user already advertised
advertiseBidCap	Accounts could advertise an item for 1000	program	Change > 1000 to >=1000 when checking the bid
advertiseBidCap	Test did not have auction duration	test	Added auction duration
advertiseCharLimit	Program crashes during test	test	Added auction duration
advertise	Program allows invalid advertisements	program	Added flag to check if input is valid

addcreditAddMoreThanMax	Test added less than max	test	Increased amount to add in test
deleteCurrentUser	Program allows deletion of current user	program	Check if userToDelete is current user before deleting
advertise	Program including newline from input into items file	program	Convert advertise input files from CRLF to LF form
advertiseDurationCap	Program allows input more than 100	program	Check if duration is > 100
advertiseCharLimit	Test did not enter ad duration	test	Include ad duration in test
refundSellerExists	Test did not include credit	test	Include credit in testf
refundBuyerExists	Test did not include seller and credit	test	Included seller and credit in test
All bid tests	Out of range error when reading file	test	Converted test file to LF form
All tests	Some outputs were in the wrong letter case compared to the tests	program/tests	Matched outputs from program to test