Test Name	Chatur	What is Tested	Nature of Failure	Error	Fix		
		viliat is rested					
login1	FAILED		Error messages were changed from original files	Error Message not matching	Changed the output file with the corrections		
login2	FAILED		Error messages were changed from original files	Error Message not matching	Changed the output file with the corrections		
login3	FAILED		Error messages were changed from original files	Error Message not matching	Changed the output file with the corrections		
login4	FAILED		Error messages were changed from original files	Error Message not matching	Changed the output file with the corrections		
logout1	FAIL ED		Error messages were changed from original files	Error Message not matching	Changed the output file with the corrections		
logout2	FAILED		Error messages were changed from original files	Error Message not matching	Changed the output file with the corrections		
	FAILED				Changed the output file with the corrections		
logout3			Error messages were changed from original files	Error Message not matching			
logout4	FAILED		Error messages were changed from original files	Error Message not matching	Changed the output file with the corrections		
logout5	FAILED		Error messages were changed from original files	Error Message not matching	Changed the output file with the corrections		
logout6	FAILED		Error messages were changed from original files	Error Message not matching	Changed the output file with the corrections		
logout7	FAILED		Error messages were changed from original files	Error Message not matching	Changed the output file with the corrections		
logout8	FAILED		Error messages were changed from original files	Error Message not matching	Changed the output file with the corrections		
create1	FAIL ED		Error messages were changed from original files	Error Message not matching	Changed the output file with the corrections		
create2	FAILED		Error messages were changed from original files	Error Message not matching	Changed the output file with the corrections		
	FAILED						
create3			Error messages were changed from original files	Error Message not matching	Changed the output file with the corrections		
create4	FAILED		Error messages were changed from original files	Error Message not matching	Changed the output file with the corrections		
create5	FAILED		Error messages were changed from original files	Error Message not matching	Changed the output file with the corrections		
create6	FAILED		Error messages were changed from original files	Error Message not matching	Changed the output file with the corrections		
create7	FAILED		Error messages were changed from original files	Error Message not matching	Changed the output file with the corrections		
create8	FAILED		Error messages were changed from original files	Error Message not matching	Changed the output file with the corrections		
create9	FAII FD		Error messages were changed from original files	Error Message not matching	Changed the output file with the corrections		
create10	FAILED		Error messages were changed from original files	Error Message not matching	Changed the output file with the corrections		
create11	FAILED		Error messages were changed from original files	Error Message not matching	Changed the output file with the corrections		
create12	FAILED		Error messages were changed from original files	Error Message not matching	Changed the output file with the corrections		
create13	FAILED		Error messages were changed from original files	Error Message not matching	Changed the output file with the corrections		
delete1	FAILED		Error messages were changed from original files	Error Message not matching	Changed the output file with the corrections		
delete2	FAILED		Error messages were changed from original files	Error Message not matching	Changed the output file with the corrections		
delete3	FAILED		Error messages were changed from original files	Error Message not matching	Changed the output file with the corrections		
delete4	FAILED		Error messages were changed from original files	Error Message not matching	Changed the output file with the corrections		
refund1	FAILED		Error messages were changed from original files	Error Message not matching	Changed the output file with the corrections  Changed the output file with the corrections		
refund1 refund2	FAILED						
			Error messages were changed from original files	Error Message not matching	Changed the output file with the corrections		
refund3	FAILED		Error messages were changed from original files	Error Message not matching	Changed the output file with the corrections		
refund4	FAILED		Error messages were changed from original files	Error Message not matching	Changed the output file with the corrections		
refund5	FAILED		Error messages were changed from original files	Error Message not matching	Changed the output file with the corrections		
refund6	FAILED		Error messages were changed from original files	Error Message not matching	Changed the output file with the corrections		
refund7	FAIL ED		Error messages were changed from original files	Error Message not matching	Changed the output file with the corrections		
refund8	FAILED		Error messages were changed from original files	Error Message not matching	Changed the output file with the corrections		
refund9	FAILED				Changed the output file with the corrections  Changed the output file with the corrections		
	FAILED		Error messages were changed from original files	Error Message not matching			
buy1			Error messages were changed from original files	Error Message not matching	Changed the output file with the corrections		
buy2	FAILED		Error messages were changed from original files	Error Message not matching	Changed the output file with the corrections		
buy3	FAILED		Error messages were changed from original files	Error Message not matching	Changed the output file with the corrections		
buy4	FAILED		Error messages were changed from original files	Error Message not matching	Changed the output file with the corrections		
buy5	FAILED		Error messages were changed from original files	Error Message not matching	Changed the output file with the corrections		
buy6	FAILED		Error messages were changed from original files	Error Message not matching	Changed the output file with the corrections		
buy7	FAILED		Error messages were changed from original files	Error Message not matching	Changed the output file with the corrections		
buy8	FAILED		Error messages were changed from original files	Error Message not matching	Changed the output file with the corrections		
buyo buy9	FAILED		Error messages were changed from original files	Error Message not matching	Changed the output file with the corrections		
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buy10	FAILED		Error messages were changed from original files	Error Message not matching	Changed the output file with the corrections		
	FAILED		Error messages were changed from original files	Error Message not matching	Changed the output file with the corrections		
addcredit2	FAILED		Error messages were changed from original files	Error Message not matching	Changed the output file with the corrections		
addcredit3	FAILED		Error messages were changed from original files	Error Message not matching	Changed the output file with the corrections		
addcredit4	FAILED		Error messages were changed from original files	Error Message not matching	Changed the output file with the corrections		
sell1	FAILED		Error messages were changed from original files	Error Message not matching	Changed the output file with the corrections		
sell2	FAILED				Changed the output file with the corrections		
sell3	FAILED		Error messages were changed from original files	Error Message not matching	Changed the output file with the corrections  Changed the output file with the corrections		
			Error messages were changed from original files	Error Message not matching			
sell4	FAILED		Error messages were changed from original files	Error Message not matching	Changed the output file with the corrections		
sell5	FAILED		Error messages were changed from original files	Error Message not matching	Changed the output file with the corrections		
sell6	FAILED		Error messages were changed from original files	Error Message not matching	Changed the output file with the corrections		
sell7	FAILED		Error messages were changed from original files	Error Message not matching	Changed the output file with the corrections		
sell8	FAILED		Error messages were changed from original files	Error Message not matching	Changed the output file with the corrections		
sell9	FAILED		Error messages were changed from original files	Error Message not matching	Changed the output file with the corrections		
sell10	FAILED				Changed the output file with the corrections  Changed the output file with the corrections		
			Error messages were changed from original files	Error Message not matching			
sell11	FAILED		Error messages were changed from original files	Error Message not matching	Changed the output file with the corrections		
sell12	FAILED		Error messages were changed from original files	Error Message not matching	Changed the output file with the corrections		
sell13	FAILED		Error messages were changed from original files	Error Message not matching	Changed the output file with the corrections		
		P	ass 2	1			
login2	FAII FD	Tries fake user	System would not cease after test	Program Halted	Added a quit function to close console		
logout2	FAILED	Attempts to use logout after logging out	System closes after logging out for the tests	Tests Halted	Switch the test to before they logged in		
logout3	FAILED	Attempts to use transaction after logging out	System closes after logging out for the tests	Tests Halted	Switch the test to before they logged in		
logout4	FAILED	Attempts to use transaction after logging out	System closes after logging out for the tests	Tests Halted	Switch the test to before they logged in		
logout5	FAILED	Attempts to use transaction after logging out	System closes after logging out for the tests	Tests Halted	Switch the test to before they logged in		
logout6	FAILED	Attempts to use transaction after logging out	System closes after logging out for the tests	Tests Halted	Switch the test to before they logged in		
logout7	FAILED	Attempts to use transaction after logging out	System closes after logging out for the tests	Tests Halted	Switch the test to before they logged in		
	FAILED	Attempts to use transaction after logging out  Attempts to use transaction after logging out	-,	Tests Halted	Switch the test to before they logged in		
logout8			System closes after logging out for the tests				
create3	FAILED	Checks to see if the user already exists	Did not check if the user exists	Created two same users	Added exists() function to check		
create4	FAILED	Create an Admin user	Tried to create a user that already exists	Canceled b/c of dupes	Changed name of user to create		
create5	FAILED	Create a full-standard user	Getting strange invalid transactions outputted	Invalid transaction error after balance is taken in	Fixed error in create class		
Cidates			Getting strange invalid transactions outputted	Invalid transaction error after balance is taken in	Fixed error in create class		
create6	FAILED	Create a sell-standard user	Getting strange invalid transactions outputted	IIIValiu transaction error after balance is taken in			

create7	FAILED	Create a buy-standard user	Getting strange invalid transactions outputted	Invalid transaction error after balance is taken in	Fixed error in create class			
create8	FAILED	Run command as privileged user	Getting strange invalid transactions outputted	Invalid transaction error after balance is taken in	Fixed error in create class			
create9	FAILED	Create a user with too much credit	Getting strange invalid transactions outputted	Invalid transaction error after balance is taken in	Fixed error in create class			
create10	FAILED	create a user with a type that doesnt exist	Getting strange invalid transactions outputted	Invalid transaction error after balance is taken in	Fixed error in create class			
create11	FAILED	Create a user with credit not a num	Getting strange invalid transactions outputted	Invalid transaction error after balance is taken in	Fixed error in create class			
create12	FAILED	Create a user with negative credit	Getting strange invalid transactions outputted	Invalid transaction error after balance is taken in	Fixed error in create class			
create13	FAILED	Create user with " " name	Did not check if the username is " "	Create an invalid user	Added check to create class			
delete1	FAILED	Delete as unprivileged user	Did not check	Deleted user anyway	Added check to delete class			
delete2	FAILED	Try and delete logged in user	Did not check logged in user	Deleted user anyway	Added check to delete class			
refund4	FAILED	Tests blank amount to refund	Error was about not being within bounds instead of input being empty	Test failed	Added check for empty input for amount to refund			
refund6	FAILED	Tests refunding amount with more than one decimal	Test proceeded through supposed failing point	Test failed	Fixed a logic error which was causing the buyer's name to be used as the seller's name too, as well as implemented decimal checks			
refund7	FAILED	Tests refunding amount with more than two places of precision for decimals	Test proceeded through supposed failing point	Test failed	Fixed a logic error which was causing the buyer's name to be used as the seller's name too, as well as implemented decimal precision checks			
refund8	FAILED	Tests if buyer and seller accounts exists	Refund asks for buyer's name first and seller's name second	Test proceeded one more step, and then failed	Removed seller's name input as it will never be reached, moving buyer's name input to correct position			
buy2	FAILED	Test blank input for number of tickets to buy	Error was about not being within bounds instead of input being empty	Test failed	Added check for empty input for number of tickets to purchase			
buy7	FAILED	Tests buying more tickets than there are for sale	Tickets were not being found	Test failed	Corrected available tickets file and trimmed whitespace when comparing strings			
buy10	FAILED	Tests buying tickets without enough credit on account	Tickets were not being found	Test failed	Corrected available tickets file and trimmed whitespace when comparing strings			
sell5	FAILED	Tests selling ticket at price with more than two places of precision for decimals	Test proceeded through supposed failing point	Test failed	Implemented decimal precision checks			
sell6	FAILED	Tests entering negative value for number of tickets to sell	Allowed values with decimals to proceed	Test failed	Corrected std::stod() to std::stoi() for integer conversion instead of double conversion			
sell10	FAILED	Tests entering two decimals for number of tickets to sell	Test terminates with "Invalid transaction" before logout	Test failed	Implemented decimal checks			
sell12	FAILED	Tests entering values with decimals for number of tickets to sell	Test proceeded through supposed failing point	Test failed	Implemented decimal checks			