

Test Failure Table

By: Jeremy Friesen, Tyler Broda, and Kim Montemayor

Test Name	Test Description	Error with Output	Error in the Code	Actions Taken
login1 - positive	To test the start of a front end session that meets all necessary requirements for its inception	Test case was missing the initial transaction request for login and the success message	Print statements didn't match the expected output	Revised the test case to match the actual output of the system & fixed the print statements in the code
login2 - user is already logged in	To test the start of a front end session in which the current user is already logged into an account and running a front end session	Test case was missing the initial and final transaction requests and the error messages were different	Print statements didn't match the expected output	Revised the test case to match the actual output of the system & fixed the print statements in the code
login3 - failed authentication	To test the start of a front end session in which the login option is selected but an invalid or unrecognized username and/or password is given	Test case was missing the initial and final transaction requests and the error messages were different	Print statements didn't match the expected output	Revised the test case to match the actual output of the system
login4 - Non-Admin login	To test the start of a front end session from a non-admin account to ensure that privileged	Test case was missing the initial and final transaction requests and the error messages were different	Print statements didn't match the expected output	Revised the test case to match the actual output of the system

	transactions are not accepted			
logout1 - user is logged in	To test the end of a front end session in which the logout option is selected and all necessary requirements are met	Test case was missing the initial and final transaction requests and the success message was different	Print statements didn't match the expected output	Revised the test case to match the actual output of the system
logout2 - user is not logged in	To test the end of a front end session in which the logout option is selected but the user is not currently logged into a front end session	Test case was missing the initial and final transaction requests and the error messages were different	Print statements didn't match the expected output	Revised the test case to match the actual output of the system
logout3 - Transaction after logout	To test the end of a front end session in which the user attempts to perform a transaction after having logged out of their account	Test case was missing the initial and final transaction requests and the error messages were different	Print statements didn't match the expected output	Revised the test case to match the actual output of the system
create1 - Admin positive	To test the successful creation of a new account with bidding and/or selling privileges	Test case expected a password, transaction statements were different	None	Revised the test case to match the actual output of the system (got rid of password input)
create2 - Admin negative (missing account info)	To test the creation of a new account in which an admin is creating the account but has	Test case was redundant, cin forces user input	None	Removed test case

	not supplied all the necessary information to create the account			
create3 - Username already exists	To test the creation of a new account by an admin but has supplied a username that is already registered for another pre-existing account	Test case expected a password, missing error statement if a user already exists	Missing conditional check and error statement if user already exists in the system	Attempted to fix code, unable to finish, revised test case to no longer expect a password
create4 - Username exceeds character limit	To test the creation of a new account by an admin but has supplied a username that exceeds the maximum character count of 15	Test case expected a password, missing error statement if new account name exceeds the character limit	Missing conditional check and error statement if new username exceeds the character limit	Added a conditional statement to limit character count, revised test case to no longer expect a password
create5 - Non-Admin	To test the creation of a new account in which the user is a non-admin	Test case returned the wrong error statement	None	Revised test case
delete1 - positive	To test the deletion of a pre-existing account in which the account is verified to be pre-existing, is not the current user and the user requesting the deletion is an admin	Missing initial and final transaction	None	Revised the test case to match the actual output of the system

delete2 - Not a pre-existing account	To test the deletion of an account in which the username provided does not belong to any pre-existing accounts	Missing initial and final transaction	None	Revised the test case to match the actual output of the system
delete3 - Can't be the same name as the current user	To test the deletion of an account in which the username provided belongs to the current user requesting the deletion	Test output does not match initial output; missing error message Test case output is missing initial and final transaction	Missing conditional statement to check if user input is same name as current user	Revised the test case to match the actual output of the system Added conditional to check if username is the same as current user
delete4 - Non-Admin	To test the deletion of an account in which the user requesting the deletion does not have admin privileges	Test case missing initial and final transaction	None	Revised the test case to match the actual output of the system
delete5 - Transactions after deletion	To test the deletion of an account to ensure that transactions cannot occur on the deleted user's available inventory of items for sale	Test case was wrong. The deletion should not be processed by the frontend.	<	Remove test case
advertise1 - positive	To test the addition of an item to the auction board in which the user is logged into a	Missing initial and final transaction	None	Revised the test case to match the actual output of the system & fixed the print statements in

	valid account and all item information and bidding information is valid			the code
advertise2 - userType is standard-buy	To test that the advertise function rejects an attempt to put up an item for auction from an account logged in as "standard-buy"	Missing initial and final transaction	None	Revised the test case to match the actual output of the system & fixed the print statements in the code
advertise3 - exceeds item character limit (25)	To test that the advertise function rejects an attempt to advertise an item that exceeds the character limit	Missing initial and final transaction Test output does not display if item exceeds character limit	No conditional statement to check if item name length exceeds character limit	Added conditional to check to see if user exceeds name limit Revised code to match output
advertise4 - sets minimum bid > \$999.99	To test that the advertise function rejects minimum bid prices above the max price of an item	Missing initial and final transaction Test output does not display if set bid exceeds \$999.99	No conditional statement to check if user enters bid greater than limit	Added conditional to check if user's input exceeds max bid Revised code to match output
advertise5 - exceeds the number of days they want the auction to last (> 100)	To test that the advertise function rejects auction lengths longer than the maximum allowed length	Missing initial and final transaction Test output does not display if the number of days auction is set to last exceeds 100 days	No conditional statement to check if user exceeds number of days auction lasts	Added conditional to check if user's input exceeds max bid Revised code to match output
bid1 - success,	To test a	Output says item	Item is not found	AvailableItemsFi

userType is not standard-sell	successful bid when the user is logged into a compatible account and enters a valid itemName, sellerName and bid	is not found		leManager isn't properly reading in file. Need to fix
bid2 - userType is standard-sell	To test that a standard-sell account cannot bid on items	Test should be formatted the same way as the test case	No errors besides output formatting	Change the output in the test or the code to match
bid3 - missing info	To test that this function fails when the required information is not provided	Output reflects error in code >	No condition in code to prevent missing info	Add conditional to bid method to catch this case
bid4 - item given does not exist	To test that this function fails when given a non-existent item name	Output shows that item exists when it doesn't	AvailableItemsFileManager's method findItem returns an empty item object, which the method calling it interprets as a real item	Add conditional in bid method to check that item exists
bid5 - username does not exist	To test that this function fails when given a non-existent seller username	Test should be formatted the same way as the test case	None	Attempted to add conditional to catch case
bid6 - bid must be greater than the current highest bid	To test that this function fails when given a bid that is not higher than the most current highest bid	Test should be formatted the same way as the test case	Missing conditional statement to check if bid is higher than current highest bid	Attempted to add conditional to catch case
bid7 - bid must be at least 5%	To test that this function fails	Test should be formatted the	Missing conditional	Attempted to add conditional

greater than the current highest bid	when a bid is not at least 5% greater than the current highest bid	same way as the test case	statement to check if bid is greater than 5% of highest bid	to catch case
bid8 - bid must be greater than the current highest bid but does not have to be at least 5% greater	To test that this function fails when a bid that is not higher than the current highest bid is entered	Test should be formatted the same way as the test case	Missing conditional statement to check case	Attempted to fix case by adding conditional
bid9 - userType is standard-full, seller cannot bid on their own item	To test that this function fails when a seller attempts to bid on their own item	Test should be formatted the same way as the test case	Missing conditional statement to check case	Attempted to fix case by adding conditional
bid10 - user must have sufficient credit in their account to place bid	To test that this function fails if a user does not have sufficient credit in their account	>	Transaction should fail if the user doesn't have enough credit	The test case should be changed so that the username provided doesn't have enough credit
refund1 - Positive	To test the successful refund of credit to a buyer's account from the seller's account	Test case transaction request did not match what was given in the system	Print statements didn't match the expected output	Revised the test case to match the actual output of the system
refund2 - Missing user info	To test that the function rejects the refund if the buyer's username and/or the seller's username and/or the amount to transfer is	Test case was redundant, cin forces user input, refund3 always checks for an existing user in the system	None	Removed test case

	missing			
refund3 - Buyer/Seller not in database	To test that the function ends if neither the given buyer or seller exist in the database	Error statement was never given	No conditional statement to check if either the buyer or seller exists in the system	Added a conditional statement in the code, revised the output of the test case
addCredit1 - Positive	To test the successful addition of credit from an admin account into the system for the purchase of accounts	Expected transactions and success statements didn't match the system	Different print statements	Revised the output of the test case to better match the system
addCredit2 - Positive, Non-Admin	To test that the successful addition of credit from a non-admin account into the system for the purchase of accounts	Expected transactions and success statements didn't match the system	Different print statements	Revised the output of the test case to better match the system
addCredit3 - Invalid Username	To test that the function rejects an attempt to add credit while in admin mode, if the username given does not exist in the system	Expected transactions and error statements didn't match the system	No conditional statement to check if the given user exists in the system	Added a conditional statement to make sure the given user exists before adding credit, revised the test case to better match expected output
addCredit4 - Invalid Credit, Admin	To test that the function rejects an attempt to add more than the maximum amount of credit to an account in the given	Expected transactions and error statements didn't match the system	No conditional statement to check if the amount of credit entered by an admin exceeded \$1000.00	Added a conditional statement to make sure the amount of credit entered was below \$1000.00, revised the test

	session			case to better match expected output
addCredit5 - Invalid Credit, Non-admin	To test that the function rejects an attempt to add more than the maximum amount of credit to an account in the given session	Expected transactions and error statements didn't match the system	No conditional statement to check if the amount of credit entered by any other user type exceeded \$1000.00	Added a conditional statement to make sure the amount of credit entered was below \$1000.00, revised the test case to better match expected output