

Run	Test Name	Description of Test	Expected output (phase 1)	Actual output (phase 3)	Code/test error causing failure	Changes to code/test
1	TestCase 1	Successful full-standard logging.	User 'FSUserTest' logged in. Current user type: Full Standard.	Please enter your username: User 'FSUserTest' logged in. Current user type: Full Standard.	Mismatch in the code's output.	Removal of the following line from the output: "Please enter your username:"
	TestCase 8	Attempt to login after already being logged in	User 'TestUser' is logged in. Current user type: Admin. Error: A user is already logged in. Please logout before trying to login again.	Please enter your username: User 'TestUser' logged in. Current user type: Admin. Error: A user is already logged in. Please logout before trying to login again.	Mismatch in the code's output.	Removal of the following line from the output: "Please enter your username:"
	TestCase 10	Attempt to perform a privileged transaction after a buy-standard login	User 'TestUser3' logged in. Current user type: Buy Standard. Error: Only admin users can delete accounts.	Please enter your username: User 'TestUser3' logged in. Current user type: Buy Standard.	Mismatch in the code's output.	Removal of the following line from the output: "Please enter your username:"
	TestCase 11	Attempt to perform a privileged transaction after a sell-standard login	User 'SellUser' logged in. Current user type: Sell Standard. Error: Only admin users can delete accounts.	Please enter your username: User 'SellUser' logged in. Current user type: Sell Standard.	Mismatch in the code's output.	Removal of the following line from the output: "Please enter your username:"
	TestCase 12	Successful unprivileged transaction after a full-standard login	User 'FSUserTest' logged in. Current user type: Full Standard. Successfully added \$100 to FSUserTest's	Please enter your username: User 'FSUserTest' logged in. Current user type: Full	Mismatch in the code's output.	Removal of the following line from the output: "Please enter your username:"

			account.	Standard. Enter amount of credit to add: \$100 added to FSUserTest's account.		
	TestCase 13	Successful unprivileged transaction after a buy-standard login	User 'TestUser3' logged in. Current user type: Buy Standard. Successfully added \$100 to TestUser3's account.	Please enter your username: User 'TestUser3' logged in. Current user type: Buy Standard. Enter amount of credit to add: \$100 added to TestUser3's account.	Mismatch in the code's output.	Removal of the following line from the output: "Please enter your username:"
	TestCase 14	Successful unprivileged transaction after a sell-standard login	User 'Selluser' logged in. Current user type: Sell Standard. Successfully added \$100 to SellUser's account.	Please enter your username: User 'SellUser' logged in. Current user type: Sell Standard. Enter amount of credit to add: \$100 added to SellUser's account.	Mismatch in the code's output.	Removal of the following line from the output: "Please enter your username:"
	TestCase 15	Successful privileged transaction after an admin login	User 'TestUser' logged in. Current user type: Admin. User 'User1' deleted successfully.	Please enter your username: User 'TestUser' logged in. Current user type: Admin. Enter username to delete:	Mismatch in the code's output.	Removal of the following line from the output: "Please enter your username:"
	TestCase 19	Successful logout after admin login	User 'TestUser' logged in. Current user type: Admin. User 'TestUser' logged out.	Please enter your username: User 'TestUser' logged in. Current user type: Admin. User 'TestUser' logged out.	Mismatch in the code's output.	Removal of the following line from the output: "Please enter your username:"

	TestCase 21	Attempt to perform a transaction after logout	User 'TestUser' logged in. Current user type: Admin. User 'TestUser' logged out. Please login to access this feature.	Please enter your username: User 'TestUser' logged in. Current user type: Admin. User 'TestUser' logged out. Please login to access this feature.	Mismatch in the code's output.	Removal of the following line from the output: "Please enter your username:"
	TestCase 24	Successful creation of a full-standard user by an admin	User 'TestUser' logged in. Current user type: Admin. User 'UserFull' created successfully.	Please enter your username: User 'TestUser' logged in. Current user type: Admin. Enter username: Enter user type (Admin, FullStandard, BuyStandard, SellStandard): Enter initial credit: User 'UserFull' created successfully.	Mismatch in the code's output.	Removal of the following line from the output: "Please enter your username:". Plus simplification of output to match more according to what was expected.
	TestCase 33	Attempt to create a new user with a full-standard account	User 'FSUserTest' logged in. Current user type: Full Standard. Error: Only admin users can create new accounts.	Please enter your username: User 'FSUserTest' logged in. Current user type: Full Standard.	Mismatch in the code's output.	Removal of the following line from the output: "Please enter your username:". And Addition of Error message.

	TestCase 34	Attempt to create a new user with tabs!	User 'TestUser' logged in. Current user type: Admin. Error: Username cannot contain tabs.	Please enter your username: User 'TestUser' logged in. Current user type: Admin. Enter username: Enter user type (Admin, FullStandard, BuyStandard, SellStandard): Enter initial credit:	Mismatch in the code's output.	Removal of the following line from the output: "Please enter your username:". Plus simplification of output to match more according to what was expected.
	TestCase 35	Attempt to create a new user with special characters!	User 'TestUser' logged in. Current user type: Admin. Error: Username cannot contain special characters.	Please enter your username: User 'TestUser' logged in. Current user type: Admin. Enter username: Enter user type (Admin, FullStandard, BuyStandard, SellStandard): Enter initial credit:	Mismatch in the code's output.	Removal of the following line from the output: "Please enter your username:". Plus simplification of output to match more according to what was expected.
	TestCase 36	Attempt to create a new user with spaces!	User 'TestUser' logged in. Current user type: Admin. Error: Username cannot be all spaces.	Please enter your username: User 'TestUser' logged in. Current user type: Admin. Enter username: Enter user type (Admin, FullStandard, BuyStandard, SellStandard): Enter initial credit:	Mismatch in the code's output.	Removal of the following line from the output: "Please enter your username:". Plus simplification of output to match more according to what was expected.
	TestCase 43	Attempt to perform a transaction on a deleted user's available inventory	User 'TestUser' logged in. Current user type: Admin. Error: The	Please enter your username: User 'TestUser' logged in.	Mismatch in the code's output.	Removal of the following line from the output: "Please enter your

		of games	specified seller does not exist.	Current user type: Admin. Enter the name of the game you wish to purchase: Enter the seller's username: Error: User ' ' does not exist.		username:". And Addition of Error message.
	TestCase 44	Attempt to delete a user by an admin, but no username is provided	User 'TestUser' logged in. Current user type: Admin. Error: User ' ' does not exist.	Please enter your username: User 'TestUser' logged in. Current user type: Admin. Enter username to delete:	Mismatch in the code's output.	Removal of the following line from the output: "Please enter your username:". Missing Error message.
	TestCase 46	Successful sale by a sell-standard user	User 'SellUser' logged in. Current user type: Sell Standard. Game 'GameName1' is now up for sale.	Please enter your username: User 'SellUser' logged in. Current user type: Sell Standard. Enter game name: Enter price: Game 'GameName1' is now up for sale.	Mismatch in the code's output.	Removal of the following line from the output: "Please enter your username:".
	TestCase 52	Successful sale, then attempt to sell another game in the same session	User 'TestUser' logged in. Current user type: Admin. Game 'New Game' is now up for sale. Error: You are not allowed to sell more than one game in a single session.	Please enter your username: User 'TestUser' logged in. Current user type: Admin. Enter game name: Enter price: Game 'New Game' is now up for sale. Enter game name: Enter price: Game 'Another Game' is now up for sale.	Mismatch in the code's output.	Removal of the following line from the output: "Please enter your username:". Missing Error message.

	TestCase 58	Successful purchase by a buy-standard user	User 'TestUser3' logged in. Current user type: Buy Standard. Purchase successful. Game Name 2 has been added to TestUser3's collection.	Please enter your username: User 'TestUser3' logged in. Current user type: Buy Standard. Enter the name of the game you wish to purchase: Enter the seller's username: Purchase successful. Game Name 2 has been added to TestUser3's collection.	Mismatch in the code's output.	Removal of the following line from the output: "Please enter your username:" and any other prompts.
	TestCase 63	Attempt to buy a game already in the buyer's collection	User 'FSUserTest' logged in. Current user type: Full Standard. Error: The buyer already owns a copy of this game.	Please enter your username: User 'FSUserTest' logged in. Current user type: Full Standard. Enter the name of the game you wish to purchase: Enter the seller's username:	Mismatch in the code's output.	Removal of the following line from the output: "Please enter your username:" and any other prompts.
	TestCase 67	Attempt to buy without entering game name	User 'TestUser2' logged in. Current user type: Admin. Error: The specified game is not available for sale by the user TestUser.	Please enter your username: User 'TestUser2' logged in. Current user type: Admin. Enter the name of the game you wish to purchase: Enter the seller's username:	Mismatch in the code's output.	Removal of the following line from the output: "Please enter your username:" and any other prompts.
	TestCase 72	Attempt to refund with a sell-standard account	User 'SellUser' logged in. Current user type: Sell Standard.	Please enter your username: User 'SellUser' logged in.	Mismatch in the code's output.	Removal of the following line from the output: "Please enter your

			This action is only available to admin users.	Current user type: Sell Standard. This action is only available to admin users.		username:” and any other prompts.
-	TestCase 77	Attempt to refund after logout	User 'TestUser' logged in. Current user type: Admin. User 'TestUser' logged out. Please login to access this feature.	Please enter your username: User 'TestUser' logged in. Current user type: Admin. User 'TestUser' logged out. Please login to access this feature. Error: Seller does not have sufficient credit to cover the refund.	Mismatch with the code and the test.	Removal of the following line from the output: “Please enter your username:” and any other prompts. Remove the Error message.
	TestCase 78	Refund with an amount larger than the seller's current balance	User 'TestUser' logged in. Current user type: Admin. Error: Seller does not have sufficient credit to cover the refund.	Please enter your username: User 'TestUser' logged in. Current user type: Admin. Enter the buyer's username: Enter the seller's username: Enter the amount of credit to transfer: Error: Seller does not have sufficient credit to cover the refund.	Mismatch in the code's output.	Removal of the following line from the output: “Please enter your username:” and any other prompts. Remove the Error message.
	TestCase 85	Refund from a seller with a closed (deleted) account	User 'TestUser' logged in. Current user type: Admin. Error: Seller username does not exist.	Please enter your username: User 'TestUser' logged in. Current user type: Admin. Enter the buyer's	Mismatch in the code's output.	Removal of the following line from the output: “Please enter your username:” and any other prompts.

				username: Enter the seller's username: Enter the amount of credit to transfer:		
	TestCase 93		User 'TestUser' logged in. Current user type: Admin. User 'TestUser' logged out. Please login to access this feature.	Please enter your username: User 'TestUser' logged in. Current user type: Admin. User 'TestUser' logged out. Please login to access this feature.	Mismatch in the code's output.	Removal of the following line from the output: "Please enter your username:" and any other prompts.
	TestCase 99		User 'TestUser' logged in. Current user type: Admin. Error: Adding the specified amount would exceed the maximum credit.	Please enter your username: User 'TestUser' logged in. Current user type: Admin. Enter username: Enter amount of credit to add:	Mismatch in the code's output.	Removal of the following line from the output: "Please enter your username:" and any other prompts. Remove the Error message.
	TestCase 100		User 'TestUser' logged in. Current user type: Admin. \$2 added to TestUser2's account. \$2 added to TestUser3's account.	Please enter your username: User 'TestUser' logged in. Current user type: Admin. Enter username: Enter amount of credit to add: \$2 added to TestUser2's account. Enter username: Enter amount of credit to add: \$2 added to TestUser3's account.	Mismatch in the code's output.	Removal of the following line from the output: "Please enter your username:" and any other prompts.

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2	TestCase 24	Successful creation of a full-standard user by an admin	Please enter your username: User 'TestUser' logged in. Current user type: Admin. User 'UserFull' created successfully.	Please enter your username: User 'TestUser' logged in. Current user type: Admin. Enter username: Enter user type (Admin, FullStandard, BuyStandard, SellStandard): Enter initial credit: User 'UserFull' created successfully.	Mismatch in the code's output.	Simplification of output to match more according to what was expected.
	TestCase 33	Attempt to create a new user with a full-standard account	Please enter your username: User 'FSUserTest' logged in. Current user type: Full Standard. Error: Only admin users can create new accounts.	Please enter your username: User 'FSUserTest' logged in. Current user type: Full Standard.	Mismatch in the code's output.	Addition of Error message.
	TestCase 34	Attempt to create a new user with tabs!	Please enter your username: User 'TestUser' logged in. Current user type: Admin. Error: Username cannot contain tabs.	Please enter your username: User 'TestUser' logged in. Current user type: Admin. Enter username: Enter user type (Admin, FullStandard, BuyStandard, SellStandard): Enter initial credit:	Mismatch in the code's output.	Simplification of output to match more according to what was expected.

	TestCase 35	Attempt to create a new user with special characters!	Please enter your username: User 'TestUser' logged in. Current user type: Admin. Error: Username cannot contain special characters.	Please enter your username: User 'TestUser' logged in. Current user type: Admin. Enter username: Enter user type (Admin, FullStandard, BuyStandard, SellStandard): Enter initial credit:	Mismatch in the code's output.	Simplification of output to match more according to what was expected.
	TestCase 36	Attempt to create a new user with spaces!	Please enter your username: User 'TestUser' logged in. Current user type: Admin. Error: Username cannot be all spaces.	Please enter your username: User 'TestUser' logged in. Current user type: Admin. Enter username: Enter user type (Admin, FullStandard, BuyStandard, SellStandard): Enter initial credit:	Mismatch in the code's output.	Simplification of output to match more according to what was expected.
	TestCase 43	Attempt to perform a transaction on a deleted user's available inventory of games	Please enter your username: User 'TestUser' logged in. Current user type: Admin. Error: The specified seller does not exist.	Please enter your username: User 'TestUser' logged in. Current user type: Admin. Enter the name of the game you wish to purchase: Enter the seller's username: Error: User ' ' does not exist.	Mismatch in the code's output.	Addition of Error message.
	TestCase 44	Attempt to delete a user by an admin, but no username is provided	Please enter your username: User 'TestUser' logged in. Current user type: Admin.	Please enter your username: User 'TestUser' logged in. Current user	Mismatch in the code's output.	Missing Error message.

			Error: User ' ' does not exist.	type: Admin. Enter username to delete:		
	TestCase 52	Successful sale, then attempt to sell another game in the same session	Please enter your username: User 'TestUser' logged in. Current user type: Admin. Game 'New Game' is now up for sale. Error: You are not allowed to sell more than one game in a single session.	Please enter your username: User 'TestUser' logged in. Current user type: Admin. Enter game name: Enter price: Game 'New Game' is now up for sale. Enter game name: Enter price: Game 'Another Game' is now up for sale.	Mismatch in the code's output.	Missing Error message.
	TestCase 58	Successful purchase by a buy-standard user	Please enter your username: User 'TestUser3' logged in. Current user type: Buy Standard. Purchase successful. Game Name 2 has been added to TestUser3's collection.	Please enter your username: User 'TestUser3' logged in. Current user type: Buy Standard. Enter the name of the game you wish to purchase: Enter the seller's username: Purchase successful. Game Name 2 has been added to TestUser3's collection.	Mismatch in the code's output.	Fix up how prompts are printed
	TestCase 63	Attempt to buy a game already in the buyer's collection	Please enter your username: User 'FSUserTest' logged in. Current user type: Full Standard. Error: The buyer already owns a copy of this game.	Please enter your username: User 'FSUserTest' logged in. Current user type: Full Standard. Enter the name of the	Mismatch in the code's output.	Fix up how prompts are printed

				game you wish to purchase: Enter the seller's username:		
	TestCase 67	Attempt to buy without entering game name	Please enter your username: User 'TestUser2' logged in. Current user type: Admin. Error: The specified game is not available for sale by the user TestUser.	Please enter your username: User 'TestUser2' logged in. Current user type: Admin. Enter the name of the game you wish to purchase: Enter the seller's username:	Mismatch in the code's output.	Fix up how prompts are printed
	TestCase 72	Attempt to refund with a sell-standard account	Please enter your username: User 'SellUser' logged in. Current user type: Sell Standard. This action is only available to admin users.	Please enter your username: User 'SellUser' logged in. Current user type: Sell Standard. This action is only available to admin users.	Mismatch in the code's output.	Fix up how prompts are printed
-	TestCase 77	Attempt to refund after logout	Please enter your username: User 'TestUser' logged in. Current user type: Admin. User 'TestUser' logged out. Please login to access this feature.	Please enter your username: User 'TestUser' logged in. Current user type: Admin. User 'TestUser' logged out. Please login to access this feature. Error: Seller does not have sufficient credit to cover the refund.	Mismatch with the code and the test.	Fix up how prompts are printed. Remove the Error message.
	TestCase 78	Refund with an amount larger than the seller's	Please enter your username: User 'TestUser' logged	Please enter your username: User 'TestUser'	Mismatch in the code's output.	Fix up how prompts are printed. Remove the Error

		current balance	in. Current user type: Admin. Error: Seller does not have sufficient credit to cover the refund.	logged in. Current user type: Admin. Enter the buyer's username: Enter the seller's username: Enter the amount of credit to transfer: Error: Seller does not have sufficient credit to cover the refund.		message.
	TestCase 85	Refund from a seller with a closed (deleted) account	Please enter your username: User 'TestUser' logged in. Current user type: Admin. Error: Seller username does not exist.	Please enter your username: User 'TestUser' logged in. Current user type: Admin. Enter the buyer's username: Enter the seller's username: Enter the amount of credit to transfer:	Mismatch in the code's output.	Fix up how prompts are printed
	TestCase 93		Please enter your username: User 'TestUser' logged in. Current user type: Admin. User 'TestUser' logged out. Please login to access this feature.	Please enter your username: User 'TestUser' logged in. Current user type: Admin. User 'TestUser' logged out. Please login to access this feature.	Mismatch in the code's output.	Fix up how prompts are printed
	TestCase 99		Please enter your username: User 'TestUser' logged in. Current user type: Admin. Error: Adding the specified amount would exceed the maximum credit.	Please enter your username: User 'TestUser' logged in. Current user type: Admin. Enter username: Enter amount of credit to add:	Mismatch in the code's output.	Fix up how prompts are printed. Remove the Error message.

	TestCase 100		Please enter your username: User 'TestUser' logged in. Current user type: Admin. \$2 added to TestUser2's account. \$2 added to TestUser3's account.	Please enter your username: User 'TestUser' logged in. Current user type: Admin. Enter username: Enter amount of credit to add: \$2 added to TestUser2's account. Enter username: Enter amount of credit to add: \$2 added to TestUser3's account.	Mismatch in the code's output.	Fix up how prompts are printed.
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3	TestCase 33	Attempt to create a new user with a full-standard account	Please enter your username: User 'FSUserTest' logged in. Current user type: Full Standard. Error: Only admin users can create new accounts.	Please enter your username: User 'FSUserTest' logged in. Current user type: Full Standard.	Mismatch in the code's output.	Addition of Error message.
	TestCase 43	Attempt to perform a transaction on a deleted user's available inventory of games	Please enter your username: User 'TestUser' logged in. Current user type: Admin. Error: The specified seller does not exist.	Please enter your username: User 'TestUser' logged in. Current user type: Admin. Enter the name of the game you wish to purchase: Enter the seller's username: Error: User ' ' does not exist.	Mismatch in the code's output.	Addition of Error message.

	TestCase 44	Attempt to delete a user by an admin, but no username is provided	Please enter your username: User 'TestUser' logged in. Current user type: Admin. Error: User ' ' does not exist.	Please enter your username: User 'TestUser' logged in. Current user type: Admin. Enter username to delete:	Mismatch in the code's output.	Missing Error message.
	TestCase 52	Successful sale, then attempt to sell another game in the same session	Please enter your username: User 'TestUser' logged in. Current user type: Admin. Game 'New Game' is now up for sale. Error: You are not allowed to sell more than one game in a single session.	Please enter your username: User 'TestUser' logged in. Current user type: Admin. Enter game name: Enter price: Game 'New Game' is now up for sale. Enter game name: Enter price: Game 'Another Game' is now up for sale.	Mismatch in the code's output.	Missing Error message.
	TestCase 63	Attempt to buy a game already in the buyer's collection	Please enter your username: User 'FSUserTest' logged in. Current user type: Full Standard. Error: The buyer already owns a copy of this game.	Please enter your username: User 'FSUserTest' logged in. Current user type: Full Standard. Enter the name of the game you wish to purchase: Enter the seller's username:	Mismatch in the code's output.	Fix up how prompts are printed

	TestCase 67	Attempt to buy without entering game name	Please enter your username: User 'TestUser2' logged in. Current user type: Admin. Error: The specified game is not available for sale by the user TestUser.	Please enter your username: User 'TestUser2' logged in. Current user type: Admin. Enter the name of the game you wish to purchase: Enter the seller's username:	Mismatch in the code's output.	Fix up how prompts are printed
	TestCase 72	Attempt to refund with a sell-standard account	Please enter your username: User 'SellUser' logged in. Current user type: Sell Standard. This action is only available to admin users.	Please enter your username: User 'SellUser' logged in. Current user type: Sell Standard. This action is only available to admin users.	Mismatch in the code's output.	Fix up how prompts are printed
-	TestCase 77	Attempt to refund after logout	Please enter your username: User 'TestUser' logged in. Current user type: Admin. User 'TestUser' logged out. Please login to access this feature.	Please enter your username: User 'TestUser' logged in. Current user type: Admin. User 'TestUser' logged out. Please login to access this feature. Error: Seller does not have sufficient credit to cover the refund.	Mismatch with the code and the test.	Fix up how prompts are printed. Remove the Error message.
	TestCase 78	Refund with an amount larger than the seller's current balance	Please enter your username: User 'TestUser' logged in. Current user type: Admin. Error: Seller does not have sufficient credit to cover the	Please enter your username: User 'TestUser' logged in. Current user type: Admin. Enter the buyer's username: Enter	Mismatch in the code's output.	Fix up how prompts are printed. Remove the Error message.

			refund.	the seller's username: Enter the amount of credit to transfer: Error: Seller does not have sufficient credit to cover the refund.		
	TestCase 85	Refund from a seller with a closed (deleted) account	Please enter your username: User 'TestUser' logged in. Current user type: Admin. Error: Seller username does not exist.	Please enter your username: User 'TestUser' logged in. Current user type: Admin. Enter the buyer's username: Enter the seller's username: Enter the amount of credit to transfer:	Mismatch in the code's output.	Fix up how prompts are printed
	TestCase 93		Please enter your username: User 'TestUser' logged in. Current user type: Admin. User 'TestUser' logged out. Please login to access this feature.	Please enter your username: User 'TestUser' logged in. Current user type: Admin. User 'TestUser' logged out. Please login to access this feature.	Mismatch in the code's output.	Fix up how prompts are printed
	TestCase 99		Please enter your username: User 'TestUser' logged in. Current user type: Admin. Error: Adding the specified amount would exceed the maximum credit.	Please enter your username: User 'TestUser' logged in. Current user type: Admin. Enter username: Enter amount of credit to add:	Mismatch in the code's output.	Fix up how prompts are printed. Remove the Error message.
	TestCase 100		Please enter your username: User 'TestUser' logged in. Current user	Please enter your username: User 'TestUser' logged in.	Mismatch in the code's output.	Fix up how prompts are printed.

			type: Admin. \$2 added to TestUser2's account. \$2 added to TestUser3's account.	Current user type: Admin. Enter username: Enter amount of credit to add: \$2 added to TestUser2's account. Enter username: Enter amount of credit to add: \$2 added to TestUser3's account.		
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