

Failure Log

Test Name:

addcredit/ValidAmount

Test Summary:

When inputting a string instead of a number, program properly gives an error and navigates to menu

Nature of Failure:

When inputting "quit" as an amount program enters infinite loop

Code Error:

Code does not handle input that is not a number and assumes input is a float.

Fix Actions:

Added proper handling for when input is not a number.

Test Name:

addcredit/ValidAmount

Test Summary:

Tests if amount entered does not put a user above their maximum credit

Nature of Failure:

Amount that puts user above their maximum amount is accepted without error.

Code Error:

Program does not perform a check if amount will result in a valid credit total.

Fix Actions:

Added lookup to see if amount entered is valid

Test Name:

create/CreateSuccess

Test Summary:

To test if a new user can be successfully created

Nature of Failure:

New user is not added to user file

Code Error:

File writing to user file not implemented

Fix Actions:

File writing to user file was implemented

Test Name:

sell/ValidEventName

Test Summary:

To test if event can be successfully created

Nature of Failure:

New event not added to events file

Code Error:

File writing to events file not implemented

Fix Actions:

File writing to events file was implemented

Test Name:

delete/UsernameExists

Test Summary:

To test if deleting a user is successful

Nature of Failure:

Deletion does not remove events that user had created

Code Error:

Events file writing not implemented from delete function

Fix Actions:

Implemented writing to events file upon user deletion

Test Name:

buy/ValidEvent

Test Summary:

To test if buy transaction can be successfully completed

Nature of Failure:

Program gives error when event name specified.

Code Error:

Error setting up input stream from event file.

Fix Actions:

Input stream modified for proper behaviour.

Test Name:

create/CreateSuccess

Test Summary:

To test if creation of a new user is successful.

Nature of Failure:

Admin does not have privilege to create users when they should.

Code Error:

Reading users file, off by one error occurred.

Fix Actions:

Modified code so proper user is read from create function.

Test Name:

create/CreateSuccess

Test Summary:

To test if creation of new user is successful.

Nature of Failure:

User data in user account file not properly formatted, decimal in wrong place.

Code Error:

Function called to convert float to string gives 6 digits after decimal instead of 2.

Fix Actions:

Truncated last 4 digits after string conversion.