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CIS 133N

Lab 8

Test Plan

**Book Store**

**Version:** 3.18.2019

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**Program Description:**

This program is a book store form that allows a user to login. Select a topic. Select a book from that topic. Choose to add as many non-duplicate books to cart as available. See receipt. Watch a video of the selected book. Leave a comment in a text file about the book.

**Input:**

User name. Password. Selected topic. Selected book. Button click. Comment.

**Output:**

Message box. Warning. Drop down menu items. Topic pictures. Book pictures. Tooltip. Web browser video. List view receipt.

**Test Plan Overview:**

We utilize black-box testing. Both invalid and valid inputs tested.

**Test Cases:**

Test Case 1: Valid inputs

When the user enters valid user name and password combination, they will get user authenticated message.

Test data -- Username: kraig password: 1111111111 || jennifer 2222222222

Expected Result – Message box “User authenticated”

Test Case 2: Invalid inputs

When the user enters valid user name and password combination, they will get user authenticated message.

Test data -- Username: kraig password: 2222222222 || jennifer 1111111111

Expected Result – Message box “Invalid login credentials”

Test Case 3: Invalid inputs

When the user enters valid user name and password combination, they will get user authenticated message.

Test data -- Username: KRAIG password: 1111111111 || JENNIFER 2222222222

Expected Result – Error provider message ”lower case only”

Test Case 4: Valid inputs

When the user clicks “Add to Shopping Cart” their item should be added into the combobox

Test data – Item selected in booksInStockListBox

Expected Result – Item added to cart combo box

Test Case 5: Invalid inputs

When the user clicks “Add to Shopping Cart” their item should be added into the combobox

Test data – No item selected in booksInStockListBox

Expected Result – Message box “Must select item to add to cart”

Test Case 6: Invalid inputs

When the user clicks “Add to Shopping Cart” their item should be added into the combobox

Test data – Current item already in shopping cart combo box

Expected Result – Message box “No duplicates”

Test Case 7: Invalid inputs

When the user clicks “Remove” their item should be removed from the combobox

Test data – No item selected in cart combo box

Expected Result – Message box “Must select item to remove”

Test Case 8: Valid inputs

When the user clicks “Remove” their item should be removed from the combo box

Test data – Item selected in cart combo box

Expected Result – Item removed from cart combo box

Test Case 9: Valid inputs

When the user clicks “Finalize the order” their items should be added to list view and shopping cart buttons become disable

Test data – Items in cart combo box

Expected Result – Items added to List View. Buttons are disabled. Total displayed

Test Case 10: Invalid inputs

When the user clicks “Finalize the order” their items should be added to list view and shopping cart buttons become disable

Test data – No item in cart combo box

Expected Result – Message box “The shopping cart is empty”

Test Case 11: Valid inputs

When the user enters information into the “Your Name:” “Book Title:” and comment text boxes the data should be saved after clicking submit

Test data – Kraig, C#, Good book!

Expected Result – Information is saved into text file.

Test Case 12: Invalid inputs

When the user enters information into the “Your Name:” “Book Title:” and comment text boxes the data should be saved after clicking submit

Test data – C#, Good book! (Leave name blank)

Expected Result – Message box “Enter Name”

Test Case 13: Invalid inputs

When the user enters information into the “Your Name:” “Book Title:” and comment text boxes the data should be saved after clicking submit

Test data – Kraig, Good book! (Leave Book title blank)

Expected Result – Message box “Enter Book Title”

Test Case 13: Invalid inputs

When the user enters information into the “Your Name:” “Book Title:” and comment text boxes the data should be saved after clicking submit

Test data – Kraig, C# (Leave comment blank)

Expected Result – Message box “Enter comment”