Lab 5 Activity
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Create an account and log in - Isaiah

Pre-selected library of books - Sathira

Comment on the book – Vince

Citation - Sathira

Searching for a book – Jet

Ratings and reviews – Abbey

Testing Database for books and template of GUI

Manual Testing

Testing DBMain use in GUI

Test 1
- To test the database, we can search for books in the GUI.
- Test: Search, "Diary of a Wimpy Kid: Rodrick Rules", from this search the information should pull up.
- Results: book information was returned

Template Class for GUI consists of buttons and a search bar, to test these I simply clicked on the buttons and input information into the search bar.

Test 2

- Template Class for GUI consists of buttons and a search bar, to test these I simply clicked on the buttons and input information into the search bar.
- Test: I clicked the home button when I was on the profile page
- Results: home button worked correctly and took me home

Test 3

- Test: I clicked the profile button
- Results: brought me to the profile page with my profile info

Test 4
- Test: Tested search button, by inputting information and clicking "search"
- Results: brought me the search result and worked correctly

Test 5
- Tested the settings button by clicking on it from the main page
- Results: brought me to the settings page where I can adjust information

Test 5
- There is a button on the top left, which serves no purpose
- To test it, I clicked that button when exploring different pages
- Results: nothing occurred, and it stayed on the current page

Code Review
DBMain Class
- Only one code smell, which is a Long parameter list, does not cause any bugs or errors and is also needed for the method DBBookfromAPI.
- Method printDB in the class is unused code and is said to be never used locally

Template Class
- Switch Statements (Code Smell) are used in the showPanel method, and in this case the switch statements are used heavily to switch between pages. No bugs or errors have occurred from this, but it is still a code smell.
- In setBook method, this.book should be accessed in a static way
- In getUser and setUser, this.user should be accessed in a static way