

**Implemented User Stories:**

Create an account and login - Isaiah  
Pre-selected library of books - Sathira  
Comment on book - Vince  
Citation - Sathira  
Searching for a book - Jet  
Ratings and reviews - Abbey

**Manual Tests:**

Pre-selected library of books:

1. Run the LibraryUI.java class and enter your SQL password.
2. Open a book.
3. Hit the "home" button on the sidebar to go back to the main page and see the selection of books.
4. Repeat step 2 for any other books that are left.

1. Run the LibraryUI.java class and enter your SQL password.
2. Hit the "login" button on the sidebar.
3. Create an account or login to an existing one.
4. Hit the "home" button on the sidebar to go back to the main page.
5. Open a book.
6. Repeat steps 4-5 for the rest of the books.

1. Run the LibraryUI.java class and enter your SQL password.
2. Hit the "login" button on the sidebar.
3. Create an account or login to an existing one.
4. Hit the "home" button on the sidebar to go back to the main page.
5. Go back to your profile.
6. Go back to the main page to see the selection of books.

1. Run the LibraryUI.java class and enter your SQL password.
2. Go to your profile (it should be a null account).
3. Go back to the main page to see the selection of books.

Adding a review:

1. Run the LibraryUI.java class and enter your SQL password.
2. Hit the "login" button on the sidebar.
3. Create an account or login to an existing one.
4. Hit the "home" button on the sidebar to go back to the main page.
5. Open a book.
6. Hit the "Open comments" button on the book's page, type in a review and submit it.

Problem Report 1

Reported by: Isaiah

Date reported: March 26, 2023

Component name: MainPage.java

Release number: 2

Report type: Design issue

Can reproduce: Yes

Severity: Low

Problem description: On the main page, some of the books have syntax errors. "The Great Gatsby" is "The Great Batsby" and "Harry Potter and the Sorcerer's Stone" is missing the apostrophe. Harry Potter also has the incorrect year for the published date. This problem can be found by starting up the program when you enter your SQL password.

Suggested fix: Choosing more popular versions of the books.

#### Problem Report 2

Reported by: Isaiah

Date reported: March 26, 2023

Component name: Review.java

Release number: 2

Report type: Coding issue

Can reproduce: Yes

Severity: Medium

Problem description: When you add a review to one book, that review is also added to all books as well.

Suggested fix: When showing reviews, pass in the title of the book into the method so that only reviews for their respective books are shown.

#### **Code Review:**

#### Problem Report 3

Reported by: Isaiah

Date reported: March 26, 2023

Component name: MainPage.java

Release number: 2

Report type: Coding issue

Problem description: Unused imports

Suggested fix: Delete the imports.

#### Problem Report 4

Reported by: Isaiah

Date reported: March 26, 2023

Component name: MainPage.java

Release number: 2

Report type: Coding issue

Problem description: Long methods

Suggested fix: Move all logic to a different class or method, and keep the GUI elements to their own methods so that the two don't overlap.

#### Problem Report 5

Reported by: Isaiah

Date reported: March 26, 2023

Component name: AddRating.java and AddReview.java

Release number: 2

Report type: Coding issue

Problem description: Certain lines of code have been commented out since they don't work.

Suggested fix: Delete those comments so your code is easier to read.