

Lab Activity 5

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Implemented User Stories:

Ratings and Reviews - Abbey

Create an account and login - Isaiah

Pre-selected library of books - Sathira

Comment on book - Vince

Searching for a book - Jet

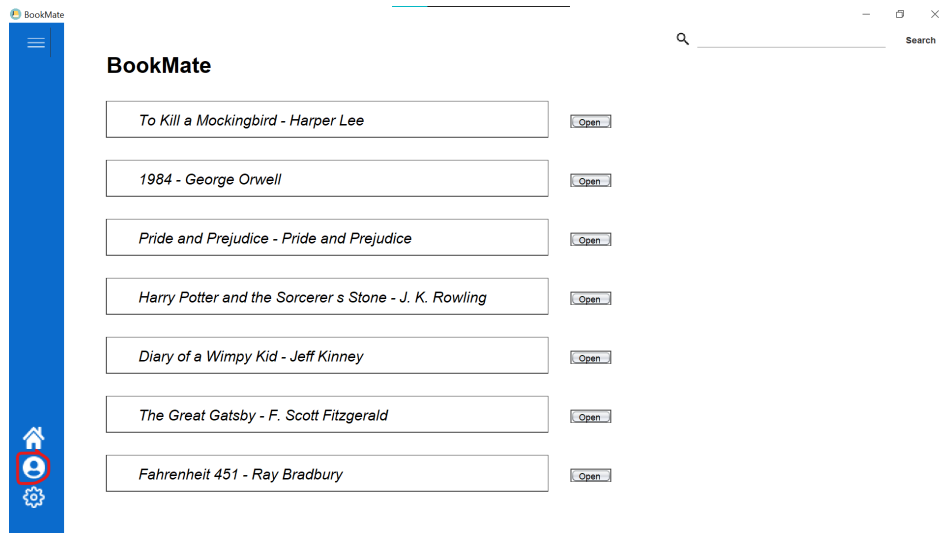
Citation - Sathira

Manual Tests (Tested on BookMate Version 2, as of March 10th, 2023)

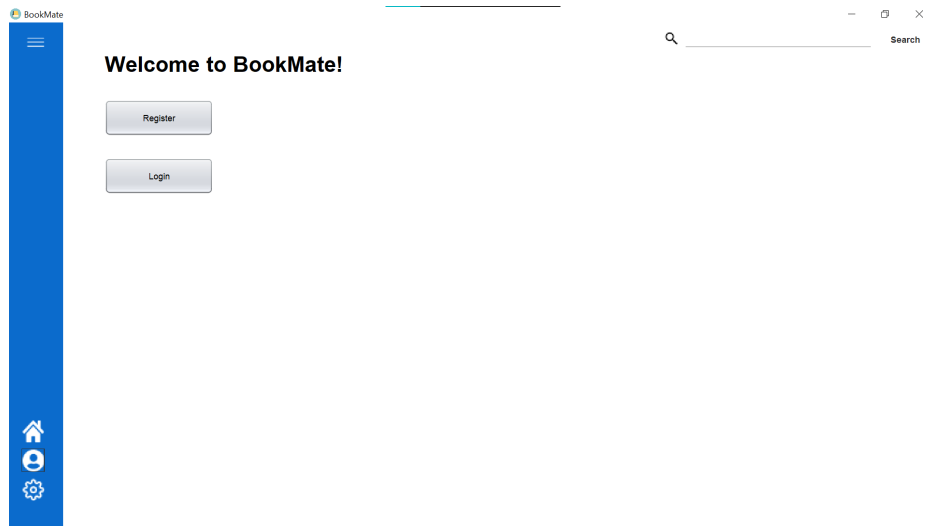
1-DB User

Scenario 1: User does not have an account

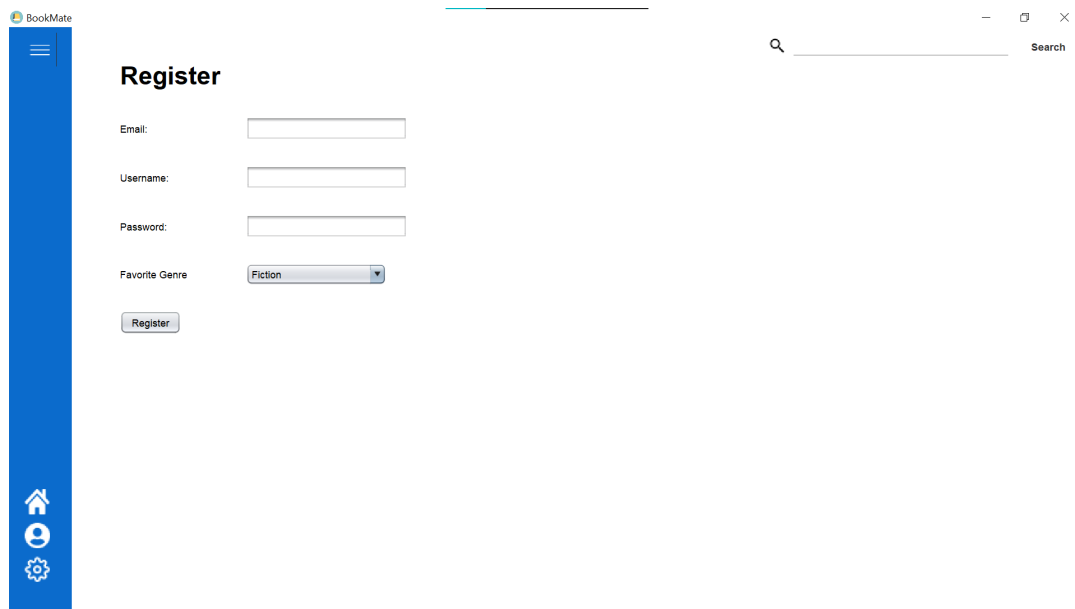
1. Run LibraryUI.java and type in your SQL password
2. Click on the profile picture icon



3. You are brought to the following page:



4. Create an account by clicking Register and fill out the required fields:

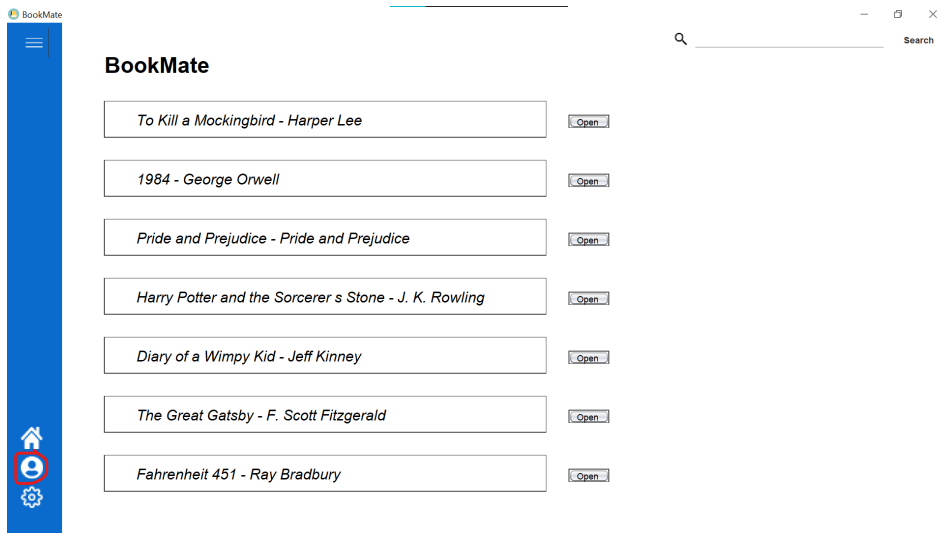


5. You have successfully created an account, you can now view the profile for the account you just created

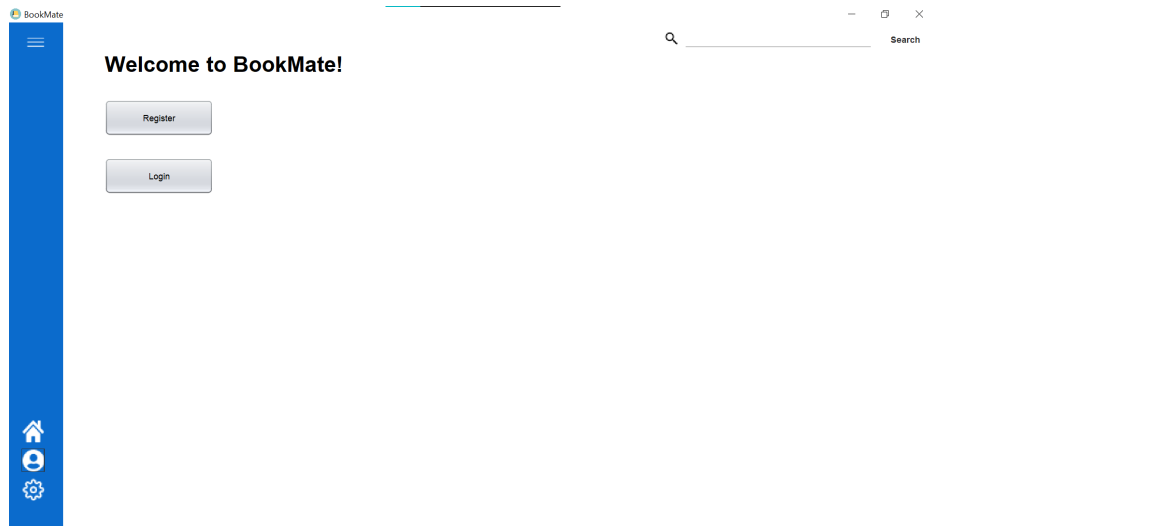


Scenario 2: User already has an account

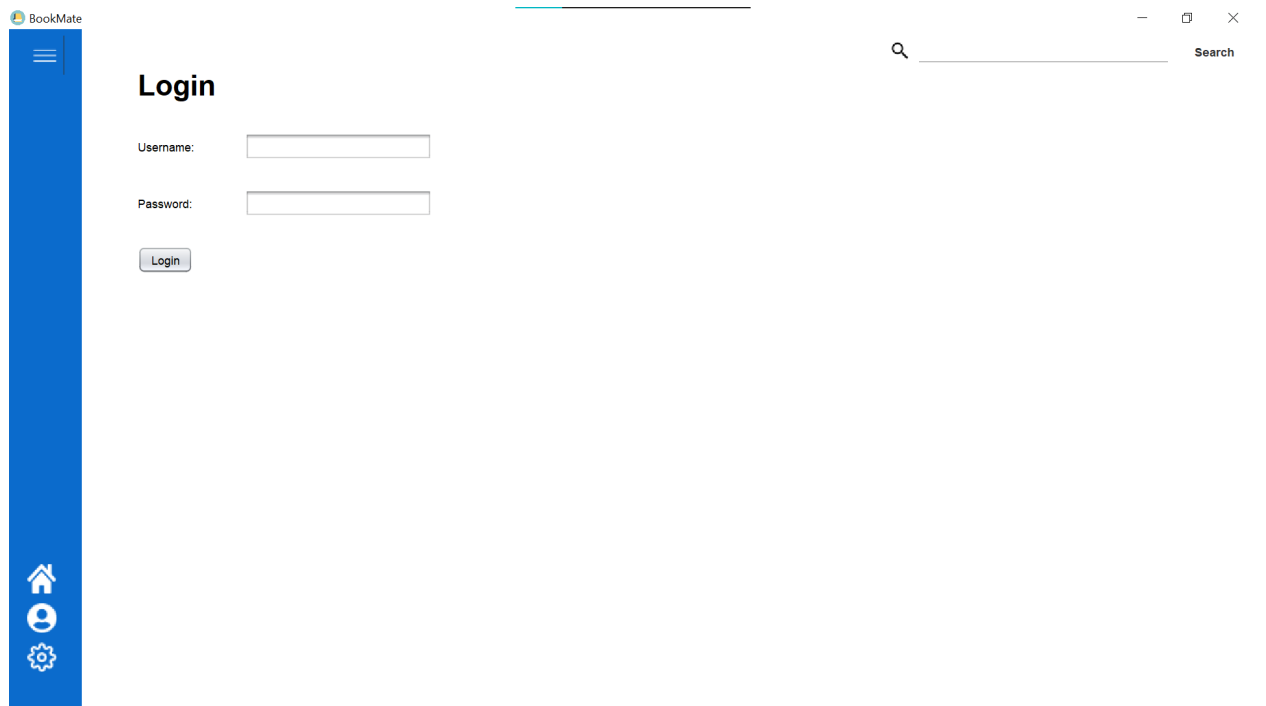
1. Run LibraryUI.java and type in your SQL password
2. Click on the profile picture icon



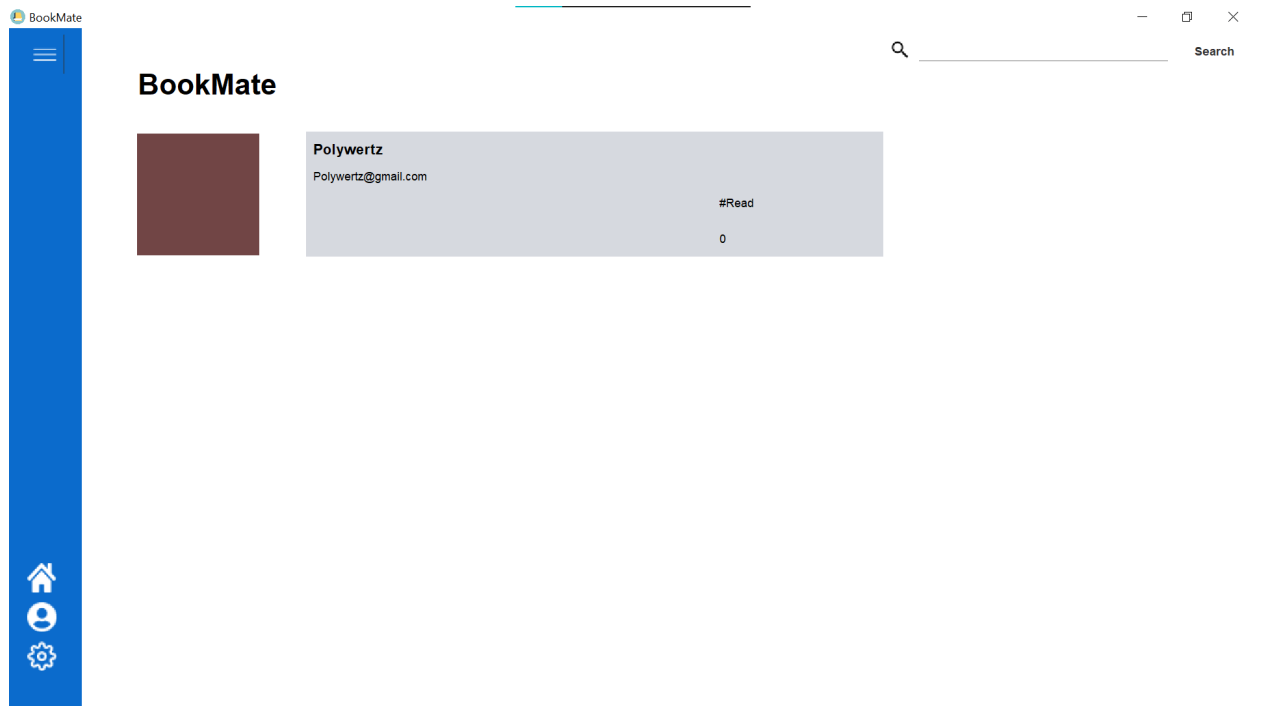
3. You are brought to the following page:



4. Click Login and enter your credentials



5. You can now view your profile



2- Profile Page

1. Follow the previous steps for the code review for DB User to either register or sign into your account
2. Once you are logged in, you can view your Username, your email address, and the number of books you've read.

Problem Reports:

Problem report number: 1

Reported by: Abbey

Date reported: March 27th, 2023

Program (or component) name: DB User

Version: 2

Report type: design issue

Can reproduce: yes

Severity: medium

Problem summary: Registering with a username that's already in the DB does nothing, no errors pop up

Problem description and how to reproduce it

If you attempt to register with either a username or email address that already exists in the database (I tested this because it is a common error that some users may not know they have already made an account), there is no error thrown to notify the user they already have an account.

Suggested fix: Have a popup or some text that shows up notifying the user why the account creation was unsuccessful.

Problem report number: 2

Reported by: Abbey

Date reported: March 27th, 2023

Program (or component) name: DB User

Version: 2

Report type: design issue

Can reproduce: yes

Severity: medium

Problem summary: Inputting incorrect login credentials does not notify the user their credentials are incorrect.

Problem description and how to reproduce it

If you attempt to login with either an incorrect username, or an incorrect password, it does not say why you can't login

Suggested fix: Have a popup or some text that shows up notifying the user that either their username or password is incorrect (the logic behind this would be checking the database), so that the user knows why they cannot login.

Problem report number: 3

Reported by: Abbey

Date reported: March 27th, 2023

Program (or component) name: Profile Page

Version: 2

Report type: design issue

Can reproduce: yes

Severity: low

Problem summary: There is no way for user to change their profile picture

Problem description and how to reproduce it

Once you are logged into your profile page, you are stuck with the default profile picture and there's no way to modify/customize your profile picture

Suggested fix: If time permits it, implement this feature. However, the severity of the problem is low, so it's okay if there is no time.

Code Review

Problem report number: 4

Reported by: Abbey

Date reported: March 27th, 2023

Program (or component) name: Citation

Version: 2

Report type: coding issue

Can reproduce: yes

Severity: low

Problem summary: Lack of comments in code makes it difficult to follow the logic behind the class

Problem description and how to reproduce it: There are not many comments in the code which makes it difficult to read. The spacing could also be a bit better to be easier on the eyes.

Suggested fix: Add comments and spacing to improve readability of the class

Problem report number: 5

Reported by: Abbey

Date reported: March 27th, 2023

Program (or component) name: Authentication

Version: 2

Report type: coding issue

Can reproduce: yes

Severity: low

Problem summary: Lack of comments in code makes it difficult to follow the logic behind the class

Problem description and how to reproduce it: Similar to the citation class, there are not many comments in the code which could make it difficult to read.

Suggested fix: Add comments and spacing to improve readability of the class and help team members understand the class when looking at it