Team Number: 011 - 6

Team Name: JAAAC

Project Features:

1. Login (required)
    a. Common login for registered users and admins to access all features
2. Rating System (required)
    a. Allow users to rate books in order to receive tailored results
3. Recommendations (required)
    a. The recommendation page will calculate how relevant each book is to the user (using the search algorithm), then show the list in order of highest to lowest relevance.
4. Search algorithm (required)
    a. Allow users to find specific recommendations based on criteria such as previous rating, author, genre, and date of publication. The algorithm will examine each of these features, then score books according to which are most similar to ones the user already likes. This will use books from the Kaggle database or an API.
5. Saving System (optional)
    a. Allow users to save books and authors for later. These books/authors will be marked in the database, and the user will be able to access this list.
6. Search Feature (optional)
    a. Allows users to filter their search results by title, author, or genre
7. User Profile (optional)
    a. Allows registered users and authors to see their saved books/authors, rated books/authors, and preferred genres in the same place
8. Account Setup (optional)
    a. Right after the user creates a new account, the website will ask them to choose preferred genres and mark other preferences in order to give the algorithm something to work with (with no information, the algorithm will simply recommend top books according to others' reviews)

Requirements:

We are using the Agile methodology, so will use JIRA to record and divide our project requirements.
JIRA Link:
https://csci-3308-spring22-202-6.atlassian.net/jira/software/projects/TV/boards/1/backlog

Project Plan:

Sequence: Finalize the features and the ways they interact with one another (so we don't have to make later changes to completed features), create login, create our webpage structures, create our books database, finalize and code the recommendations algorithm, implement the website server through Node.js, test, publish to Heroku

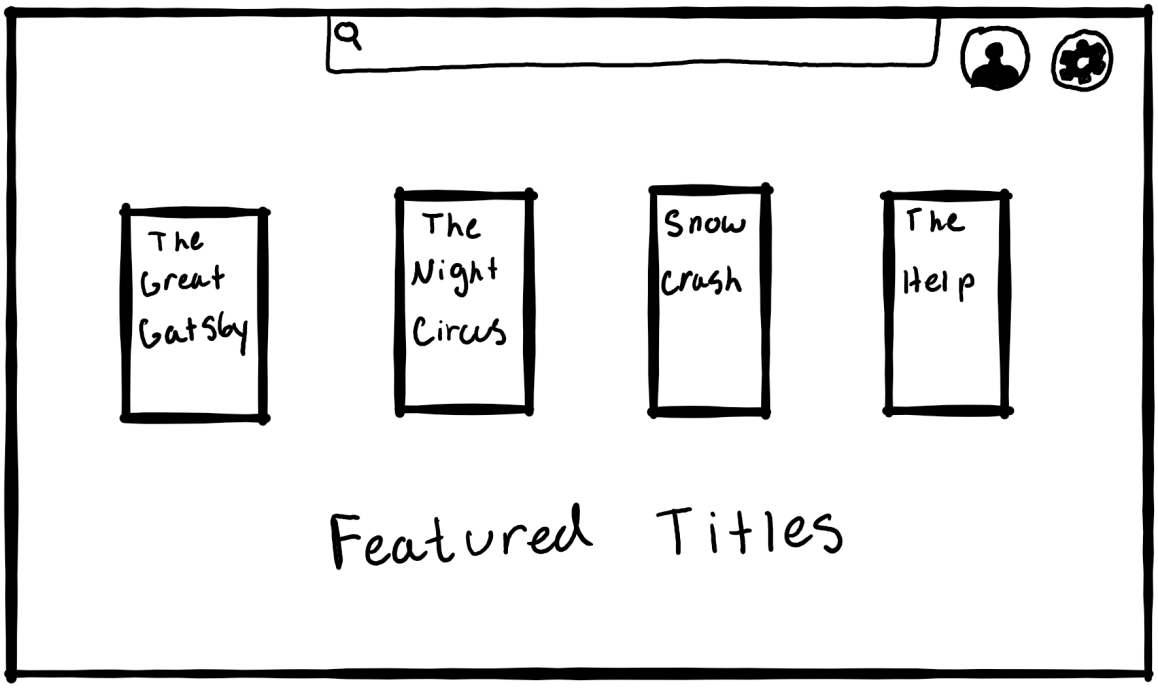
Trello Board:
https://trello.com/invite/b/Wnn3kEct/cc82109bae6347b95fcef86d576f9d94/csci-3308-team-6

February 9: HTML and CSS
February 16: Client-side JavaScript
February 18: Project Milestone 2
February 23: SQL
March 2: NodeJS
March 4: Project Milestone 3
March 9: Web Services
March 16: Test Plan
March 18: Project Milestone 4
March 30: Heroku
April 4: Project Milestone 5

April 13: Project Presentations

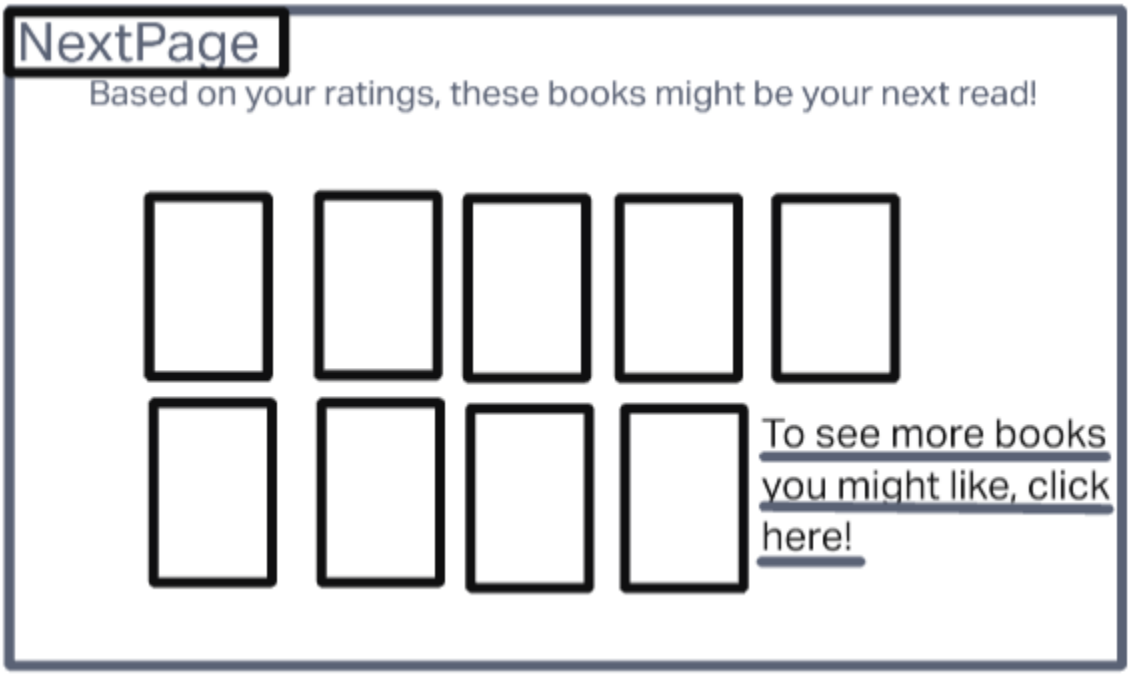
Wireframes:
Main page & Login
User profile
Recommended books page
View Book
Saved Authors
Saved Books

Home Page



Login Page

Recommendation Page



<u>Individual Contributions:</u>

Cody Aker: Discussed project features/ descriptions and design/layout. I also created the second and third wireframes in this document

Al Haddad: I worked on the project features and descriptions briefly with Anna, and then typed out the project plan and deadlines which Abigail later moved to a trello board for ease of access.

Anna Rahn: I wrote some of the project features/descriptions, developed epics/user stories/tasks on JIRA (as part of the Requirements section), and organized the project plan.

Abigail Sullivan: Discussed project/design layout and helped with creating wireframes. I also created the Trello board we will be using.

Jingda Yu:

https://github.com/cub-csci-3308-spring-2022/lab3-011-team6/tree/main