EECS 3311 Section M Project - Report

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GitHub Repo Link - https://github.com/Zohair-Ahmed/EECS3311M-Project

Iteration 0

Same Page Vision Statement

Same Page (SP) will be used to seek and maintain a community-based library of books that are personalized for each member. Like a digital library, readers can search for, be recommended and learn more about their favorite books as well as view the latest releases. Extra features that allow the reader's data to be stored will be available for those readers registered as members with Same Page, including joining the same book clubs as other interested readers and tracking reading progress.

The system is primarily designed for those who have a fondness and curiosity of reading. SP will permit readers to view book information, including author, publication date, reviews, as well as add to a favorites list. SP also adds the ability to network with fellow book readers through the creation of a profile (including personal information, a feature to track statistics and set goals), joining book clubs and following each other's progress. As a result of the social and organizational aspects of this application, readers will be inclined to sustain positive reading habits.

One of the main functions of the systems is to provide information regarding books, users, and the relationship between both entities. The information will be maintained through the implemented API.

In terms of security, users can confidently expect that there will be no unnecessary personal data stored or leaked. The data the readers provide as login and preference on books will be secured to protect readers. Security in place for the book database, reviews, and related information is crucial for establishing integrity for SP and so that users can be assured the results and details SP provides are credible and unchanged. There will be no need for admins since the ability to upload/delete/update books is not an intended feature. However, since there are aspects of networking between readers, there would be a substantial focus and preventative measures paid to personal information not being leaked (such as passwords).

SP uniquely stands out as it helps motivate readers to connect in a digital book club space and be able to visually track and achieve reading goals. This application can further help connect readers with efficiently choosing books to read beforehand. Ultimately, with a created profile, readers can be inspired by other readers' progress and engage in meaningful discussions through their book club.

For the foreseeable future, the system is envisioned as a desktop application, however, it will be extensible so that future releases can have a web and mobile interface.

The system will be considered successful if readers prefer to use this resource to complement their current reading experiences, for example, using Same Page to search for books and book events when unable to do so at the library. Another criteria for success is if at least 50% of users are somehow involved with the social media aspects of the project (joining book clubs and making friends).

Big User Stories

Iteration 1

Goal - Create MVP of project, which includes landing page, search functionality and registration/login system

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Landing Page

As a guest or member, I want to be able to open Same Page and view a number of books on the homepage.

Priority: High   **Cost**: 6 days

Search for Book

As a guest or member, I want to be able to search for a specific book.

Priority: High   **Cost**: 6 days

Register/Login

As a guest or member, I want to have the ability to register a new account with SamePage or login to an existing account.

Priority: Medium   **Cost**: 5 days

Iteration 2

Goal - The goal of this iteration is to create more "interactivity" between the books themselves and the guest/members, for example, allow both guests and members to know more about the book, be able to favorite books and leave reviews

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User Reviews

As a member, I want to upload/leave a review of the book I have read.

Priority: High   **Cost**: 5 days

Book Information

As a guest or member, when I click on the book, I should be able to view the main information of the book.

Priority: High   **Cost**: 5 days

Favorites

As a member, I want to favorite books that I like or want to read later in the future.

Priority: High   **Cost**: 5 days

Client Feature – Request to Add New Book

If a book is not listed, the user can submit a request/suggest the app to add the new book to a queue.

Priority: High   **Big User Story**: Add New Book   **Cost**: 3 days

Iteration 3

Goal - To create more interaction between members, by adding more social level aspects to the app. This includes looking for other users, joining book clubs and add more enhancements to a user profile (such as goals)

Find Friends

As a member, I want to be able to search for other Same Page users by their username and add them as a friend.

Priority: High   **Cost**: 8 days

Book Club

As a member, I want to be able to create or join book clubs.

Priority: High   **Cost**: 8 days

User Goals

As a member, I want to be able to create personalized goals that I can track my progress on.

Priority: High   **Cost**: 5 days

Detailed User Stories

Iteration 1

Display Login/Register Buttons

Display the login and register buttons and their corresponding pop-up input boxes on the landing page.

Priority: High   **Big User Story**: Landing   **Cost**: 3 days

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Display Latest Releases

Display the most recent book releases of any genre on the landing page.

Question: What external source can provide this information?

Priority: Medium   **Big User Story**: Landing   **Cost**: 3 days

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Search Bar

Display a search bar where text can be entered or filters can be applied to search for a book.

Priority: High   **Big User Story**: Search   **Cost**: 4 days

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Display Search Results

Display the results after searching for a book in the search bar.

Priority: High   **Big User Story**: Search   **Cost**: 2 days

Register New User

Add functionality to register an account with an email, username, and password.

Priority: Medium   **Big User Story**: Login/Register   **Cost**: 2 days

Login Existing User

Add functionality to securely log into Same Page with an existing email and password.

Priority: Medium   **Big User Story**: Login/Register   **Cost**: 3 days

Login Page

Create a separate login page with email and password input fields.

Priority: High   **Big User Story**: Landing   **Cost**: 1 days

Register Page

Create a separate register page with name, email, password, and confirm password input fields.

Priority: High   **Big User Story**: Landing   **Cost**: 1 days

Display Navbar

Create navbar component with login, register, clubs, and a profile icon.

Priority: High   **Big User Story**: Landing   **Cost**: 1 days

Iteration 2:

View Reviews

Display the book reviews upon clicking on a specific book.

Priority: High   **Big User Story**: User Review   **Cost**: 3 days

Add Reviews

Users logged in, and add reviews to the selected book upon clicking on a specific book.

Priority: High   **Big User Story**: User Review   **Cost**: 3 days

Display Favorite Books

Display the favourited user books in user information.

Priority: High   **Big User Story**: Favorites   **Cost**: 3 days

Add Favorite Books

Add a book to the user's favourites upon the user selecting a specific book from the search.

Priority: High   **Big User Story**: Favorites   **Cost**: 3 days

Remove Favorite Books

Remove a book from user favourites upon the user selecting a specific book from their user information list.

Priority: High   **Big User Story**: Favorites   **Cost**: 3 days

Display Book Information

Display book information such as title, author, publication date, summary, reviews, and ISBN number.

Priority: High   **Big User Story**: Book Information   **Cost**: 3 days

Client Feature – Request to Add New Book

If a book is not listed, the user can submit a request/suggest the app to add the new book to a queue.

Priority: High   **Big User Story**: Add New Book   **Cost**: 3 days

Peer Evaluation

Group Number: 1		
Member's Name	Mark	Explanation (only if mark < 100)
Ammad	100	
Kyle	100	
Nargis	100	
Nicholas	100	
Zohair	100	