Group Number : 7

Project Name : Bookmark

By

Huseyn Akhundov

Ethan Fifle

Shireen Sharma

Muhammad Omar

Jacob Medeiros

Bookmark Vision Statement

The Bookmark app will provide avid readers and movie enthusiasts with a centralised system to manage and expand their interests. Bookmark allows users to track the books they have read and movies they have watched. It will feature an ability to discover new books and movies based on what the user has already read or watched.

The system is designed for use by anyone, whether an avid consumer of media or someone looking to expand their interests. Its user-friendly design will provide users with an easy way to look-up and discover books and movies through a variety of search criteria, including by name, author, genre, or date released.

Along with being able to search up books and movies, users will be able to add them to their own custom collections, called ‘shelves’, enabling them to keep track of their books, movies, favourite genres, and authors.

The system will also allow users to rate and review the content that they have viewed/read, with a rating system from 1-5. The application will feature a recommendation system which would leverage the user-provided information to give personalised recommendations.

There are various searching and recommendation systems that already exist but are only specific to movies or books. Currently, there is no system in place that has the capability of searching and recommending both books and movies to users in one application. Our system offers a convenient and engaging way for users to create custom collections, discover new content and share their interests with others. The systems that are currently available also lack engaging social aspects. Our system hopes to empower users to build communities, express themselves, and connect with other like minded, media enthusiastic individuals.

The system is envisioned as a desktop application, with the potential to be extended to phones and tablets, giving users easy and convenient access to Bookmark.

The recommendation service will use a user preference ranking algorithm to generate recommendations. This helps tailor recommendations to each unique user, giving our system an advantage over other current systems and ensuring a more individualised experience. By having both book and movie interfaces in one application, our system will increase user convenience and media transitioning.

The system will be deemed successful based on three feedback criteria. We will survey users after exposing them to our system and allowing them to use it for some period of time. First, if user feedback shows that the system was easy to use and navigate. Second, if user feedback shows that the system helped them find new content to watch/read. Last, if user feedback shows that the recommendations the system produced were well tailored to their preferences based on their watch and search history, their collections and their ratings.

Big User Stories

Search Books/Movies

As a user, I want to be able to search for books and movies to add to my list

Iteration 1 - Priority: High

Cost: 8 Days

Book List

As a user, I want to be able to track what books I have read

Iteration 1 - Priority: High

Cost: 2 Days

Movie List

As a user, I want to be able to see what movies I have watched

Iteration 1 - Priority: High

Cost: 3 Days

Small User Stories

Search By Name

Search for a specific book or movie by name

Iteration 1 - Priority: High

Cost: 4 days

Search By Genre

Search for a specific book or movie by name

Iteration 1 - Priority: High

Cost: 4 days

Search By Author/Director

Search for a specific book or movie by name

Iteration 1 - Priority: Medium

Cost: 2 days

Add Books/Movies

Add Books/Movies to their designated list

Iteration 1 - Priority: High

Cost: 1 day

Remove Books/Movies

Remove Books or Movies from user profile

Iteration 1 - Priority: Medium

Cost: 1 day

Favourite Book/Movie

Add Book/Movie as favourite to be displayed at the top

Iteration 1 - Priority: Low

Cost: 1 day