Munene Gatobu

Student Information

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- *Repository: **https://github.com/HightMaster/Individual-Capstone** ⤷ (https://github.com/HightMaster/Individual-Capstone)*
- *Individual Start Presentation: **https://docs.google.com/presentation/d/1DY7zKvt2whjA78z7z20M55_Wr1ndzQLtkXAt_KGTs10/edit?usp=sharing** ⤷ (https://docs.google.com/presentation/d/1DY7zKvt2whjA78z7z20M55_Wr1ndzQLtkXAt_KGTs10/edit?usp=sharing)*
- *Individual Final Presentation: **https://docs.google.com/presentation/d/1lvAbjg7koe7iePSF-_FjHtLjRW9ua4TYmt1KyOzrKRw/edit?usp=sharing** ⤷ (https://docs.google.com/presentation/d/1lvAbjg7koe7iePSF-_FjHtLjRW9ua4TYmt1KyOzrKRw/edit?usp=sharing)*

Planning the Individual Project

Summary of the Project

This is a media tracker application that keeps track of all the books, shows, games and other media you have seen. It allows you to see where you may have left off, and leave small notes to help you get caught back up.

Goals

The goal is to build a fully functional media tracker application with some built in features to help you resume where you left off in a given movie, book, or show. It would prevent the user from having to go to a specific platform individually to find that information, (ex. checking netflix to see which shows you've watched).

Why?

This would be a useful time saver when looking for new things to watch. You can immediately see what you've already seen, and prioritize what to do next based on your list. It would also allow you to quickly find where you left of after taking a long break.

Features

Major Planned Features:

- Categorization/Search function: Allows you to quickly find what you've seen based on the type of media (ex. books, movies, shows etc)
- Side notes/annotations: These small notes would be used after taking a long break from a specific series so that it's easy to find where you left off and catch back up.
- Rating System: easy way to quickly see how you felt about a piece of content. Would be a 1-10 rating scale
- Extra Linked Resources: There would be links to other wikis in relation to a series

Requirements

As a user I want to be able find the series I've read that are most relevant to me:

- As a user I want to be able to search for every series by title and description using some kind of search tool
- As a user I want to be able to mark then subsequently find all my favorite series
- As a user I want the ability to sort series based on tags like when they were created
- As a user I want to rate series by how good they are and also quickly find my highest rated series
- As a user I want to be able to quickly & easily assign images to various series using some kind of image link

As a user I want to be able to control the details and information saved for each series

- As a user I want to be able to edit information like title, section count, description, and other series details.
- Asa user I would like to have a simple view of the relevant details in a particular series detail page without irrelevant information.
- As a user I want to be able to assign a genre to a specific series and have it display on the series details page.
- As a user I want control over specific season, movie, or book information for a particular series. I would like to be able to do this using specific season, book, or section notes.
- As a user I would like these notes to be displayed in an easy to navigate way without losing any kind of note information.

As a user I want to be able to prioritize various series through a rating system:

- As a user I want to be able to assign ratings out of 10 for each individual series
- As a user I want to be able to order the series in my collection by rating

As a user I want to be able to have control over various links related to each individual series. These would be helper links that I might use frequently.

- As a user I want to be able to assign and edit a Goodreads link in case the series is a book
- As a user I want to be able to assign and edit a Rotten Tomatoes/IMDB link in case the series is a movie or show

- As a user I want to be able to assign and edit a wiki link in case the series is long, complicated, or dense.
- As a user I want to be able to assign and edit a flexible link in case the series is written or created in a less common medium of media presentation.

As a user I want the application to be relatively dynamic and provide full functionality for editing necessary information

- As a user I want full control over every relevant field to a series through the use of forms or dialog windows.

As a user I want a quick and simple way to navigate between pages on the application

- As a user I want some kind of navigation bar or window that allows me to quickly switch pages without much hassle.
- As a user I want to be able to quickly exit any dialog pages if I needed to switch pages quickly back and forth.

The appropriate tests will be made for the application. Specifically every CRUD operation in relation to it's dynamic data on the front-end. Tests will be made as the project progresses.

Milestones and Deadline

- **Deadline**: Feb 18th
- Milestone 1
  - Date: Feb 18th
  - Goal: UI and project structure is completely planned. At least a wireframe of the UI &* page layout/design is planned.
- **Deadline**: April 1st
- Milestone 2
  - Date: April 1st
  - Goal: UI design created in the planning phase is nearly fully implemented. Pages/UI elements that wills support main features will be implemented by this point along with many of the major features. Tests will also be created for dynamic/changing UI features.
- **Deadline**: April 13th
- Milestone 3
  - Date: April 20th
  - Goal: Complete implementation of CRUD/Backend Functionalities & database structure. Minimal UI elements may be created to test the backend infrastructure. Tests will also be created while these CRUD utilities are being developed.
- **Deadline**: April 23rd
- Milestone 4
  - Date: April 23rd

- Goal: All Tests and documentation are finalized

Risk Analysis

1. Team Project will be a competitor for time during the development of this project.
2. Working part time in another tech related position throughout the semester.

Project Progress

Feature Implementation

Week 8-11

Summary

All project and feature planning has been completed in terms of non-technical design including the database and project architecture.

Design

No major design progress has been made in relation to the database or technical side of the code. Project structure progress has been made towards milestone 1.

Code

No major code advancements other than a basic starting app.

Tests

No Tests yet.

Week 12

Summary

UI design of the main two pages are complete. Back-end development is underway.

Milestones or risks in this week

Progress to milestone 1 but nothing major completed this week.

Design

No major design progress has been made in relation to the database or technical side of the code. Project structure progress has been made towards milestone 1.

Code

No major code advancements other than a basic starting app.

Tests

No Tests yet.

Week 13-14

Summary

- All promised features for the project (listed in requirements) have been met. This includes functionality for searching, season/section notes, a rating system, and other linked resources etc.

Milestones or risks in this week

- Wrapping up tests for capstone group project

Design

Added new table to the database design for more series detail support.

Tests

Underway for all completed features.

Week 15

Summary

- Completed all promised features in previous weeks.

Milestones or risks in this week

- Wrapping up tests for capstone group project

Design

No major design evolutions have occurred.

Code

No new code except tests and minor UI adjustments (like colors and visibility)

Tests

Testing for completed features has been finalized.