Project Plan

BookCenter

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ASE 485 Capstone

Problem

- Popularity of Reading is going down with Social Media and Devices.

- Many people Read at a Slow Pace

- People who do read like to note and track their reading for documentation

Project Overview

- **What?** Reading Center to help readers track their reading, better their skills, and keep notes on their books.

- **Who?** Any Reader; Especially for Newer Readers

- **Why?** Reading is losing popularity and younger people dread to read due to a multitude of challenges and the difficulty with maintaining attention

- **How?** By create a central hub for all readers to get them involved in reading and tools to better their time reading.

Goals & Objectives

Primary Goal

- Create a webpage that has all the tools a reader would need to help track and benefit from their books.

Features

- Login Function For Users

- Reading Tracker With Personal Ratings (Bookeep)

- Reading Helper with Timer, Skill Helpers, and Recommendations (BookHelp)

- Statistics for Readers to Visualize their Skill Practice and Reading Completion (BookStats)

- Customizable Note Tracker for Books (BookNotes)

Timeline - Sprint 1

Phase	Dates	Goals
S1W1	2/2 - 2/8	User Login
S1W2	2/9 - 2/15	Bookeep Ratings, Bookeep Multifunctional Points System
S1W3	2/16 - 2/22	BookHelp WPM Calculator/Goal Setting
S1W4	2/23 - 3/1	BookHelp Custom Reading Timer, Comprehension Test
S1W5	3/2 - 3/8	BookStat Setup, Chart.js Implementation, BookNotes Setup

Timeline - Sprint 2

Phase	Dates	Goals
S2W1	3/16 - 3/22	BookHelp Recommendations
S2W2	3/23 - 3/29	BookHelp Recommendations Finish
S2W3	3/30 - 4/5	BookStats Chart Presentation
S2W4	4/6 - 4/12	BookNotes Note Making Implementation
S2W5	4/13 - 4/19	UI Restructure, Future Idea Implementation
S2W6	4/20 - 4/26	Future Idea Implementation, Publication

Tools & Technologies

- **Frontend:**

- HTML

- CSS

- **Backend:**

- JavaScript

- **Database:**

- MongoDB

- **Other Tools:**

- Chart.js

Burndown Metrics

- Features: 5

- Requirements: 10

Learning With AI Topics

- Code CleanUp/Identifying Unnecessary Code
  - To Simplify Code and Organize Better
  - Improve Optimization for Faster Runtimes
- Idea Expansion and Development
  - Have AI Help Expand on My Planned Ideas
  - I WILL NOT: Have AI Build This Project's Ideas, I want this to be My Ideas. AI is only here to Give Samples for my Ideas
- Enquire About Unknown Features that will better the Webpage
  - I do not know it all. I will need help along the way.
  - Prompts will remain simple:
    - "Can I...?" "Can I change...?"
  - AI is here to tell me if, not how

Expected Challenges

- Book Recommendations

- Chart.js

- Utilization of User Data with Proper Security

Questions?