Uh-Oh! Project

Emma Bradford and Nolan Daly

To-Be-Read Booklist Generator

- Generate list of books for a user to read
- Handle user queries from a front-end
- Communicate to a back-end, obtain books from database
- Return and display booklist to user

Group Information

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Project Abstract

Our project is focused on creating an interactive, web-based application that is capable of generating a list of potential books to read based on user criteria. The application will be split into two main parts: a front-end for user interaction and output, and a back-end for processing queries and interacting with our database. The front-end will allow the user to specify some criteria for filtering results, which will then be used by the back-end to generate a list from the database. This list will then be sent to the front-end of the application and displayed to the user.

User Stories

- As a person looking for books to read, I want a service to recommend new books so that I have a means of finding new material to read.
- As a person who doesn't have a lot of free time, I want to filter books by their length or word count so that I can find new books that I can read within a short amount of time.
- As someone with little disposable income, I want to select a number of book recommendations in advance so that I can get a suitable number of good books without being overwhelmed.
- As an avid horror fan, I want to select books based on genre so that I can obtain books relevant to my interests.

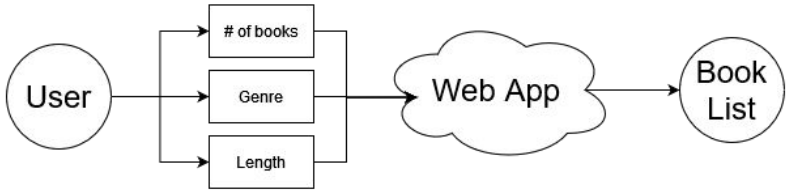
Design Diagrams

Box types:
Circle: Input/output
Rectangle: processing step
Cloud: movement from front- to back-end (or vice-versa)

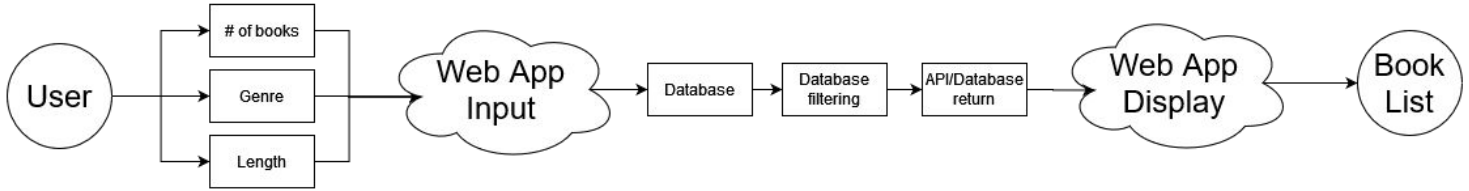
Lines represent a movement of information between steps

D0

D1



D2



Major Project Constraints (Assignment #7)

- Scope
- Technical expertise
- Diversity
- Time

Review of Project Progress - Current state of project

Have test database

Research sw, node js, react, etc

Coding environment set up

Expected Accomplishments for the end of this term

Have a local host rudimentary unconnected backend and frontend working.

Division of Work - Who is doing what on the project (Assignment #6)

Emma

- Backend
  - CRUD & Queries
- Create Database

Nolan

- Frontend
  - Interface
- Research API

Expected Demo at Expo

Rudimentary from end and backend

- Front end show what the website looks like
- Backend post man endpoints working