Winter 2022 Project Description

**General Description**

So, my idea for our web development project is to create a book review management app. In terms of our development stack, we are going to be using (Mongo DB, JavaScript), and utilizing node js as our run time environment and react as our frontend framework. Project is going to be divided into two sprints with sprint one being due on 12-31-2022, and sprint two being due on 01-14-2023. Do not worry, I will not make yall do anything that I don't think I can do myself, but I trust in you guys.

**Sprint 2 Goals and Requirement**

Design a working schema that would be used to manage the relationships between the data as well as function as a form of validation.

We should allow the NO SQL database to have the capabilities of holding several types of information such as ids, names, pictures ect. Due to this project being a new learning experience a lot of the topics will have to be learned on your own time.

Aside from the architecture alone, another requirement of this sprint is to have properly working apis that will comply with the express middleware. As the project continues, we should include functional rest apis based on the different tasks that we would like to complete.

**Sprint 2 Goals and Requirement**

Implement a react framework, can be simple, can be complex, up to us cause none of us are front end devs. Things to consider are tables since they are an effective way to see listing of data. Implement a working dynamic chart using whatever library we would want. Implement an api to get the latest book reviews and have them listed and added to the database.

**Learning References**

How to save images in binary: <https://krishnakishorev.medium.com/storing-images-in-mongodb-using-nodejs-b7515145328c>

Public New York Times API: https://developer.nytimes.com/docs/books-product/1/overview