**Assignment 2 – JavaScript Frameworks**

**Project Plan Template**

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**Purpose of your application: (2 marks)**Add your project description here.

This application aims to enable users to systematically organize their personal book collections. It enables users to track books they own, classify them according to reading status, and sort them according to genre, author, or other preferences. This is a digital library application through which one can document a reading journey and set goals for the books he or she wants to read.

**Why will this application be useful? (2 marks)**

Explain the value of this application here.

This application will be highly useful for voracious readers and collectors of books, as this would provide a seamless way of managing their library. They would, within this application, be able to document information about each book they own and arrange the listing of their library. They can track all the books they have read. It will also provide them with an efficient way of remembering those books they want to read sometime later. The information about the books could all be kept in one place and accessed without difficulty managing, sorting, and filtering collections.

**What additional feature are you going to implement? Which additional npm package(s) might you consider using? (2 marks)**

Provide an explanation here.

More specifically, in terms of additional features, I want to implement the keyword search for books by title, author, or genre. The other feature I would like to include is a reading tracker that will allow users to set a goal of the number of books they intend to read within a year and track such a goal throughout the year. I might use the Mongoose package in defining MongoDB schemas and handling MongoDB queries, and the express-session package for handling user sessions with personalized reading goals.

**How will you do the CSS – your own / a framework / both? Why? (2 marks)**

Provide an explanation here.

I'll be using a combination of Bootstrap for responsiveness with custom CSS to have more granularity in styling. Bootstrap will make the initial design phases easier and quicker, ensuring the UI is clean and mobile-friendly. To that, specific styling elements through custom elements such as color schemes or custom icons will match the unique theme for a personal library, adding cohesion and personality to the application.