**Coding Assignment 4**

**Instructions**

Project Description

The goal of this project is to create a ToDo List web application using Node.js, Express.js, and JS. The application will allow users to create and view tasks. Tasks will not persist between sessions as no database will be used in this version of the application. Styling will be an important aspect of this project to ensure a good user experience.

Example

<https://capstone-todo-example-003d0a7ff60a.herokuapp.com/>

Features

1. **Task Creation:** Users should be able to create new tasks.

2. **Task Viewing:** Users should be able to view a list of all their tasks.

3. **Task Completion**: Users should be able to strike through their completed tasks in the todo list. Tasks do not need to be deleted.

4. **Segmented Lists**: Users should be able to access at least 2 lists, one for the day's tasks and another for their work related tasks. (See example website)

Technical Requirements

1. **Node.js & Express.js:** The application will be a web server built using Node.js and Express.js. Express.js will handle routing and middleware.

**1:  Setup**

* Set up the project repository, initialize the Node.js application, and install necessary dependencies (Express.js, EJS).
* Plan out the application structure, including routes, views, and static files.
* Set up the Express.js server and define the necessary routes.

**2: Implementing Features**

* Implement the task creation feature. This includes creating the form on the home page and handling the form submission in the server.
* Implement the task viewing feature. This includes displaying the list of tasks on the home page.
* Implement the task cross-off feature. This allows the user to check a checkbox and make the task appear striked through.
* Implement the alternative list to show a different set of todo tasks.
* Test the application to ensure that task creation and viewing are working correctly.