**FLOWSTATE PROJECT CONCEPT**

**Website Name:** FlowState

**Concept:** FlowState is an interactive to-do list website where users can add, delete, mark tasks as complete, and reorder them using drag and drop.

**Basic Tools:** HTML, CSS & JavaScript

**Basic Layout:**

* **Landing Page:** Website overview with 2 buttons for Register & Log-In.
* **Registration Page:** Users can register an account.
* **Log-In Page:** Users can log-in the account registered.
* **Home Page:** 7 boxes for each day of the week; Sun-Sat. Clickable that dives into daily page.
* **Daily Page:** Dedicated Page for each day that contains the full list of the to-do tasks.

**Summary of Web Pages:**

1. **Landing Page**
2. **Registration Page**
3. **Log-In Page**
4. **Home Page**
5. **Daily Page (7 Days)**

**Total # of Web Pages:** 11

**JavaScript Power Demonstrated:**

* **DOM Manipulation:** Dynamically adding and removing list items, updating their content, and changing their visual state (e.g., strikethrough for completed tasks).
* **Event Handling:** Responding to user actions like clicking checkboxes, deleting items, and initiating drag and drop.
* **Local Storage:** Persisting the to-do list data in the browser's local storage so it remains even after the page is closed.
* **Drag and Drop API:** Utilizing the HTML5 Drag and Drop API or a library to implement the reordering functionality.

**Functionalities Checklist:**

Users can register an account.

Users can log in to the registered account.

Users can add tasks.

Users can delete tasks.

Users can mark tasks as complete.

Users can reorder tasks using drag and drop.

Users can edit task content.

Users can edit task comment.

Users can delete all tasks at once.

Users can set task priority.

Users can change task priority by clicking the indicator.

Users can sort tasks by H-L priority.

Users can sort tasks by L-H priority.

**User Interface Checklist:**

Landing Page

Registration Page

Log-In Page

Home Page

Daily Page