**To Do List**

**Project Context:**

You are tasked with developing a **To Do List** for a university. This system will streamline library operations for both library owners and university students. The system should allow university students to register and interact with library services

1. **Add new Task:**
   * You can add new task and if the input is empty it will view alert message to the user.
   * You need to use this interface structure:
2. interface Task {
3. id: number;
4. title: string;
5. states: string;
6. startDate: string;
7. endDate: string;
8. }
9. **View all tasks:**
   1. View all tasks under the add task form.
10. **Add to local storage:**

* You need to add all tasks to the local storage as array of objects so it will be saved even after closing the project.

**Optional Features (Enhancements):**

1. **Edit task:**
   * Allow users to Edit the task after create it.
2. **Delete task:**
   * Allow users to delete the task after create it.

* **Clean Code Principles:**

✅ Use meaningful names for variables and functions.

✅ Avoid code duplication (Follow the DRY principle).

✅ Keep functions short and make them do only one thing.

✅ Write smart comments that explain "why" instead of "what."

✅ Use proper formatting and indentation for readability.

✅ Remove unused (dead) code.

✅ Follow consistent naming conventions.

**Deliverables:**

1. **GitHub Repository:**
   * Upload your project code to GitHub, with proper documentation.

**Deadline:**

1. Submit the GitHub repository, Figma link, and Trello board link by **Yesterday**
2. Let me know if you need more details or assistance in implementing specific features!