**Objective:**

Develop a Task Manager application using the MERN stack (MongoDB, Express, React, Node.js) with MUI (Material-UI) components. The application will manage tasks with functionalities to create, read, update, delete, and filter tasks based on date.

**Features:**

1. **Task Management API**
   * **GET /tasks**: Retrieve all tasks.
   * **POST /tasks**: Create a new task.
   * **DELETE /tasks/**: Delete an existing task by ID.
   * **PUT /tasks/**: Update an existing task by ID.
2. **Task Schema**
   * **Title**: String, required, represents the task name.
   * **Description**: String, required, details of the task.
   * **Status**: Enum (TODO, DONE), default is TODO, represents the task's completion status.
   * **Linked File**: Blob, optional, represent file linked with task
   * **Created On**: Date, required, auto-generated when the task is created.
   * **Deadline**: Date, required, represents date by which the task should be completed.
3. **Task UI/UX**
   * Display tasks in a list view along with option to download pdf.
   * Show an Add task button to add new task
   * Tasks will be shown as "In Progress" if they are ongoing (from creation date until the deadline) in the list.
   * If a task is marked as "DONE" before the deadline, it will show as "Achieved" after the deadline.
   * If not marked as "DONE" by the deadline, it will display as "Failed" after the deadline.

**Sample Dataset:**

* **Title:** Study TypeScript
* **Description:** Read the documentation and make notes.
* **PDF:** file
* **Created on:** 16/08/2024
* **Deadline:** 19/08/2024

**UI Rendering Example:**

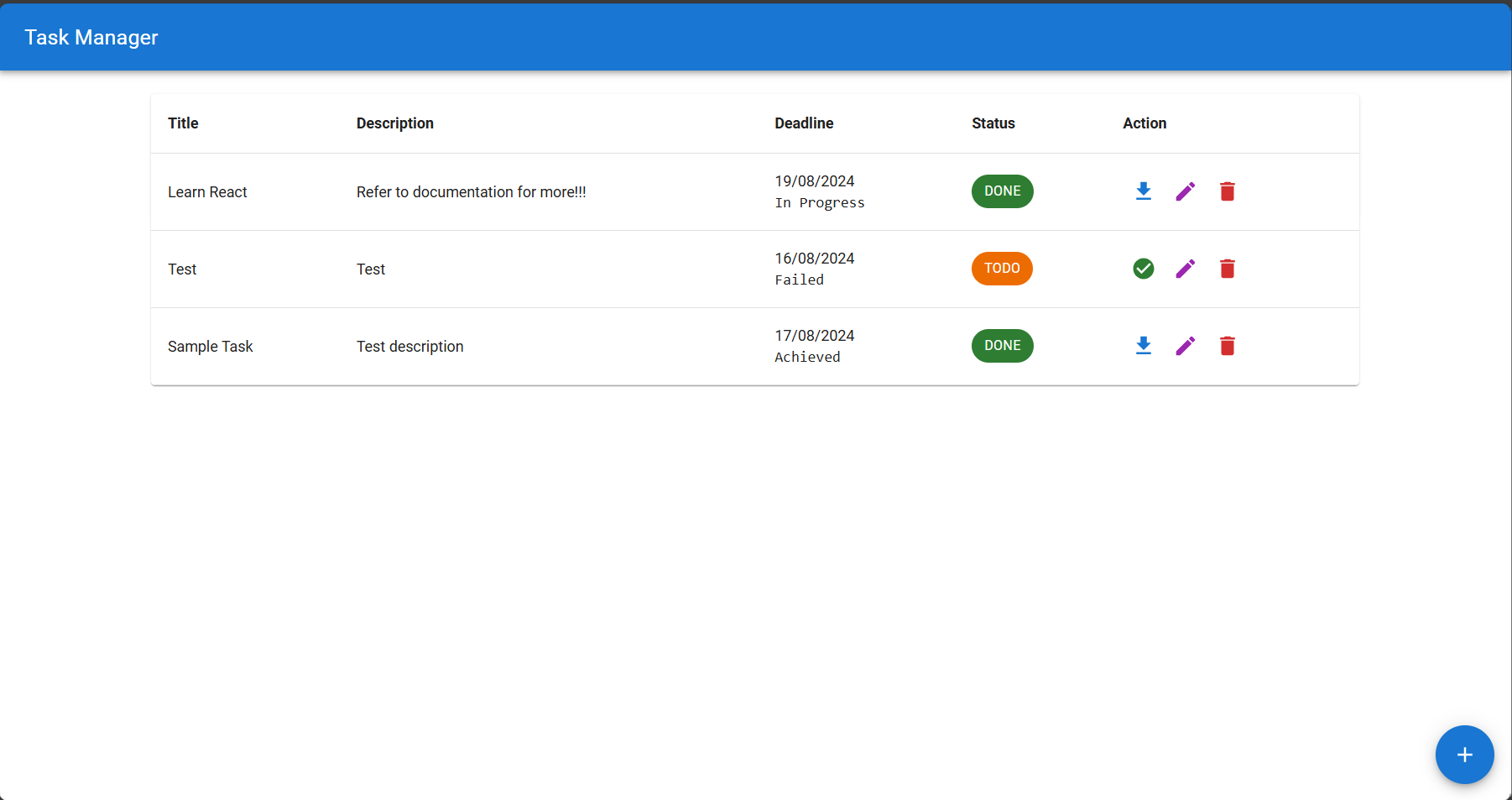
* **16/08/2024 to 19/08/2024:** The task will be displayed as 'In Progress.'
* **20/08/2024:**
  + If the task is marked as DONE before the deadline, it will display as 'Achieved.'
  + If the task is not completed, it will display as 'Failed.'

# UI Screenshots

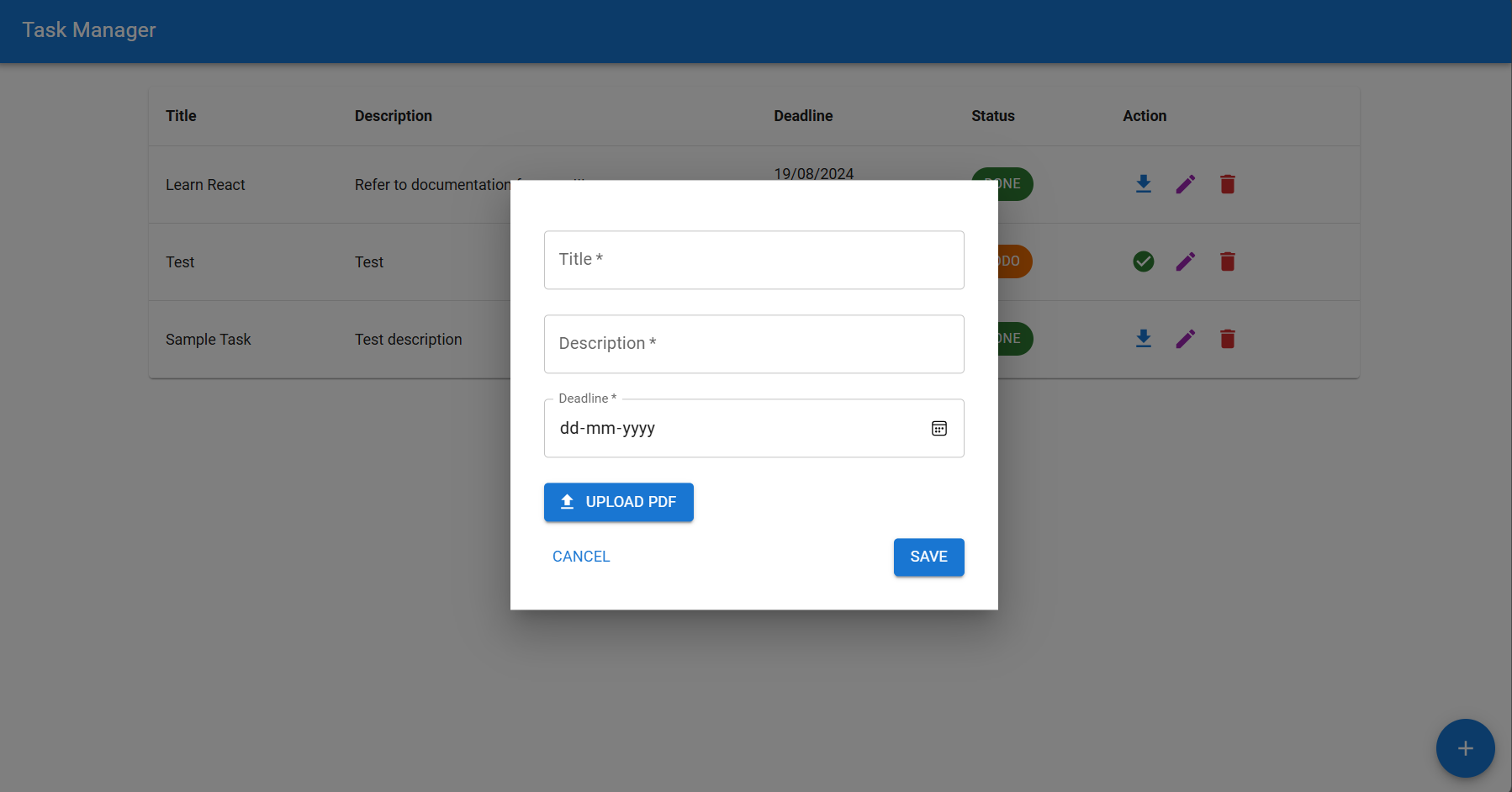
### No Data View

### 

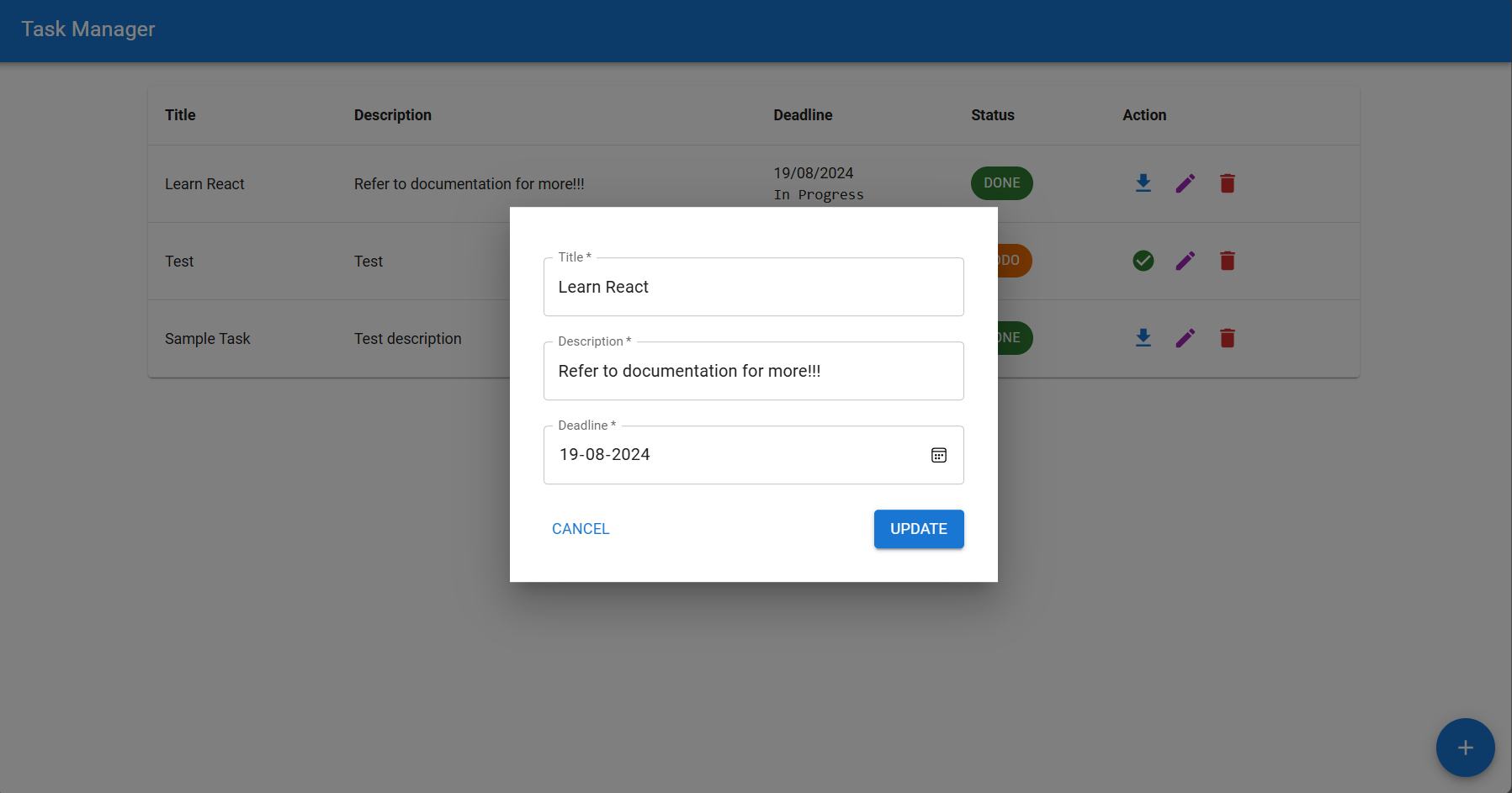
### Table with Data view



### Add Task View



### Edit Task View



### Delete Task

