

# Requirements

## Objective

Build a simple Task Manager app where users can:

- View a list of tasks.
- Add a new task.
- Mark a task as completed.
- Delete a task.

### 1. UI Components:

- A task list displaying tasks (title and status).
- An input field to add a new task.
- A button to mark a task as completed.
- A button to delete a task.

### 2. State Management:

- Use React's built-in state ( `useState` ).
- Alternatively, you may use `useReducer` or a state management library
- (optional).

### 3. API Interaction (Mocked API):

- Fetch tasks from [https://jsonplaceholder.typicode.com/todos?\\_limit=5](https://jsonplaceholder.typicode.com/todos?_limit=5) .
- Use `fetch` or `axios` to get initial tasks.
- New tasks should be added locally (not sent to the API).

### 4. Component Structure:

- Separate components for `TaskList` , `TaskItem` , and `AddTaskForm` .

### 5. Styling:

- Basic styling with CSS or a UI framework (Tailwind, Bootstrap, etc.).

### 6. Bonus (Optional):

Use React Context or Redux for state management.

Implement local storage to persist tasks.

Add animations for task additions and deletions.