**Batch: T7**

**Practical No: 6**

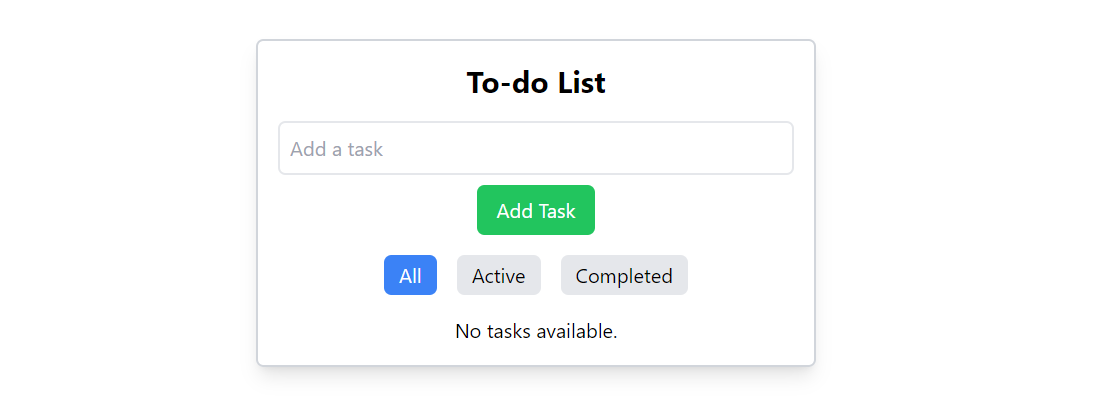
**Title of Assignment: Study and Implementation of ReactJS**

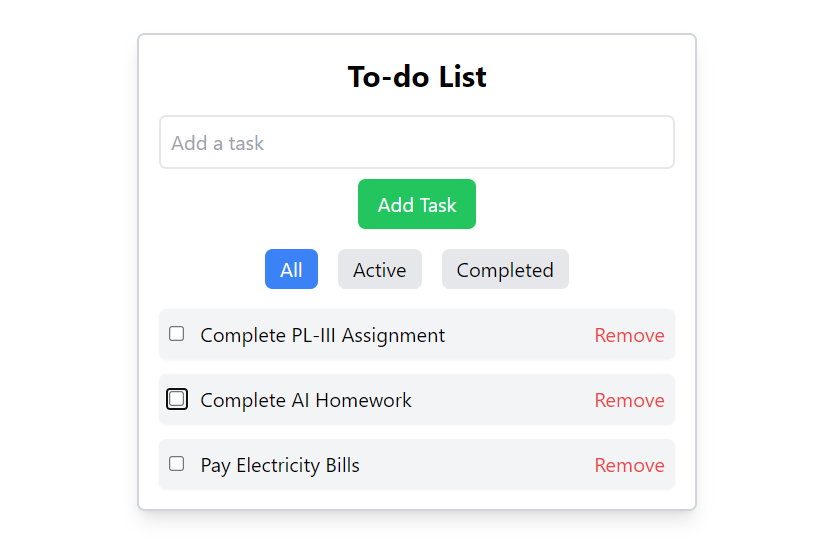
**Student Name: Shreeyash Shripad Dongarkar**

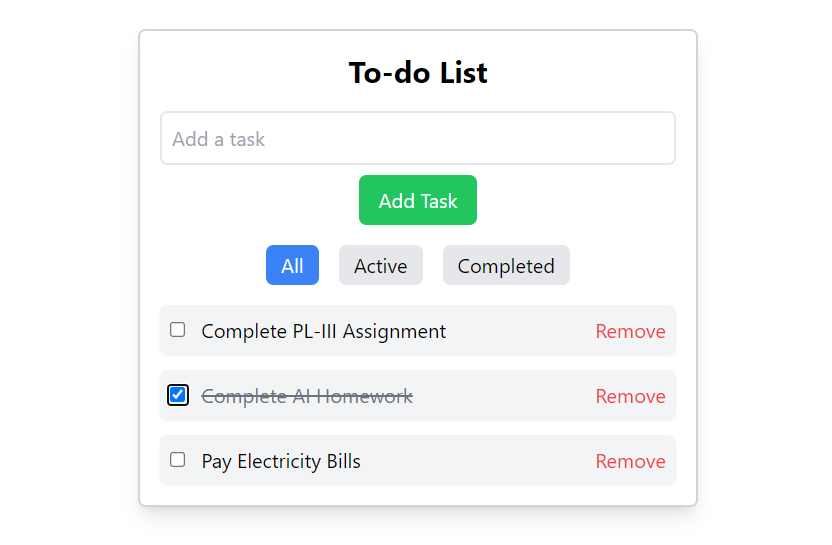
**Student PRN: 22510025**

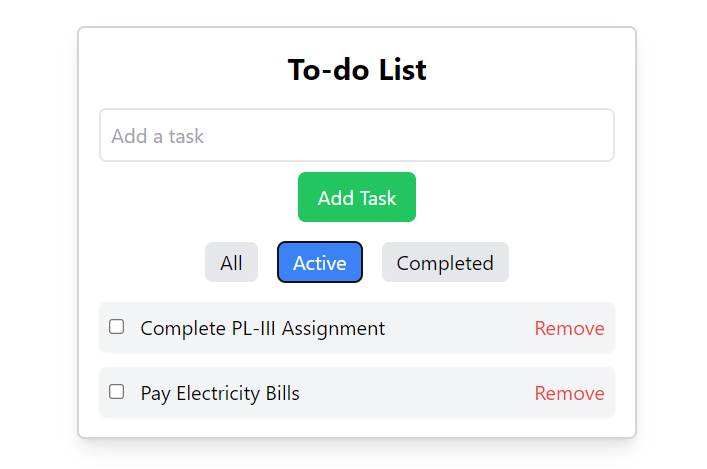
**Problem Statement 1: To-Do List Application with State Management**

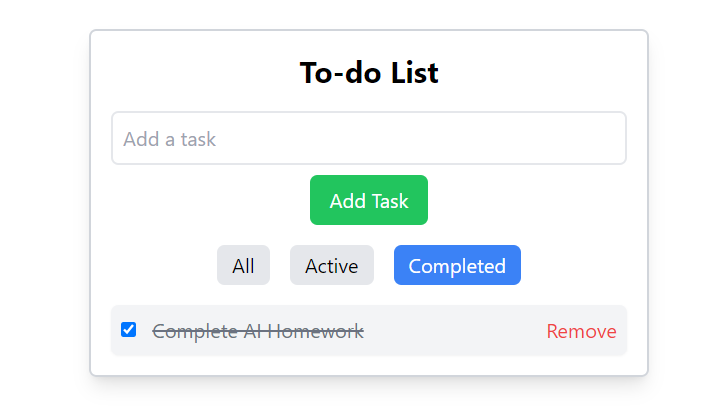
Here I've used React to render the UI, leveraging states for dynamic behavior and passing props for managing the state across components. For styling, I've utilized Tailwind CSS to achieve a clean and responsive design.











**Problem Statement 2: E-Commerce Cart System**

I've utilized React to build the UI, managing dynamic behavior through state and passing props to handle state across components. For the design, I integrated Material UI, ensuring a sleek and modern interface.

**Problem Statement 3: User Authentication with Context API**

I've implemented the login and logout functionality using the Context API for state management, ensuring a streamlined flow across the application. Tailwind CSS has been used to design a clean and responsive user interface.

