Task Management Dashboard - React Assignment

Build a modern, responsive Task Management Dashboard using React that demonstrates proficiency in component architecture, state management, and user interface design.

### **Project Requirements:**

#### **Core Features**

1. Create a responsive dashboard

* Display a list of tasks
* Add new tasks
* Edit existing tasks
* Delete tasks

1. Task Properties

* Title
* Description
* Status (Todo, In Progress, Done)
* Priority (Low, Medium, High)
* Due Date
* Assigned User

1. Basic UI Requirements

* A simple, clean interface
* Responsive design (mobile-friendly)
* Status-based visual indicators (colors/icons)

#### **Technical Requirements**

1. Use React functional components and hooks
2. Implement state management with useContext or useState
3. Create at least 3 reusable components
4. Add basic form validation for the task creation/editing
5. Use local state for data management (no backend required)

#### **Assignment submission**

Option A: Compressed Archive

* Create ZIP file containing complete project directory
* Exclude: node\_modules, .git, build artifacts
* Include: Source code, documentation, package.json, README.md
* File Naming: LastName\_FirstName\_TaskDashboard\_React.zip

Option B: Version Control Repository

* GitHub repository with complete project history
* Required: Professional commit messages, proper branching strategy
* Repository Name: task-management-dashboard-react
* Access: Public repository or provide collaborator access