REACT.JS INTERN ASSIGNMENT – 09 DEC 2024

TASK OVERVIEW:
Build a simple Task Management App that includes the following features:

1. UI FEATURES
- A form to add new tasks.
  - Fields: Task Title (text), Priority (dropdown: High, Medium, Low), Due Date (date picker), and Status (toggle: Completed/Not Completed).
- A table to list all tasks.
  - Columns: Task Title, Priority, Due Date, Status, and Actions (Edit/Delete).
- Pagination for the task list using Ant Design's Table component.

2. API INTEGRATION
- Use a mock REST API (e.g., JSONPlaceholder or a any Node.js mock server).
- Endpoints:
  - GET /tasks - Fetch all tasks.
  - POST /tasks - Add a new task.
  - PUT /tasks/:id - Update a task.
  - DELETE /tasks/:id - Delete a task.
- Use Axios for API requests.

3. STATE MANAGEMENT
- Use React's built-in useState and useEffect hooks for managing local state.

4. TYPESCRIPT
- Strongly type all components, props, and state using TypeScript.

5. STYLING
- Use Ant Design components for the UI (e.g., Table, Form, Input, Button, Select, DatePicker, Switch, Modal).

BONUS POINTS:

- Implement form validation using Ant Design's Form component.
- Use Ant Design's Notification component for user feedback (e.g., "Task added successfully").
- Deploy the app on a platform like Vercel or Netlify.

SUBMISSION REQUIREMENTS:

1. A GitHub repository with the project code.
2. A README.md file explaining:
   - Steps to set up and run the app locally.
   - Any design choices or assumptions made.
3. Deployed app link (optional).

EVALUATION CRITERIA:

- Code quality and structure.
- Effective use of Ant Design and TypeScript.
- REST API integration.
- UI/UX design and responsiveness.
- Bonus features (if implemented).