Application Based Question (MERN Stack)

Create a full-stack application that allows users to **add, view, update, and delete tasks**.

Backend (Node.js + Express + MongoDB)

1. Create a MongoDB collection named **Tasks** with fields:
   o Task Name
   o Description
   o Status (Pending / Completed)
   o Created Date
2. Using Express, create the following API routes:
   o **POST /tasks** → Add a new task
   o **GET /tasks** → Fetch all tasks
   o **PUT /tasks/:id** → Update task status
   o **DELETE /tasks/:id** → Delete a task

Frontend (ReactJS + Hooks)

3. Create a React application that:
   o Displays all tasks from the backend
   o Allows users to add a new task using a form
   o Allows users to mark tasks as completed
   o Allows users to delete tasks
4. Use React Hooks:
   o useState → Manage form input and task list
   o useEffect → Fetch tasks from backend when component loads

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Additional Requirements

5. Display tasks in a table or list format.
6. Show completed tasks in a different style (e.g., strike-through or different color).