

TaskPro-MERN: Task Management System

Steps to Run the Project Locally

1. Clone the Repository

git clone https://github.com/your-username/TaskPro-MERN.git

cd TaskPro-MERN

2. Set Up the Backend

1. Navigate to the backend folder:

cd backend

2. Install the required dependencies:

npm install

3. Start MongoDB:

- Ensure MongoDB is installed on your system.
- Run MongoDB locally:

mongod --dbpath <path-to-your-db>

4. Configure .env file (if applicable):

- Create a .env file in the backend directory:

Plaintext

MONGO_URI=mongodb://127.0.0.1:27017/taskmanager

PORT=5000

- If you don't use .env, ensure the MongoDB URI is hardcoded in server.js.

5. Start the backend server:

node server.js

3. Set Up the Frontend

1. Navigate to the frontend folder:

cd ../frontend

2. Install the required dependencies:

npm install

3. Start the React development server:

npm start

4. Access the Application

- Open your browser and go to:

arduino

<http://localhost:3000>

Folder Structure

TaskPro-MERN/

```
|— backend/      # Backend code (Node.js + Express + MongoDB)
|  |— server.js  # Main server file
|  |— package.json # Backend dependencies
|— frontend/     # Frontend code (React.js)
|  |— src/       # React components
|  |— package.json # Frontend dependencies
|— README.md     # Project documentation
```

Features

- Add tasks with title, description, and priority.
 - View the list of tasks.
 - Delete tasks.
 - Update tasks (if implemented later).
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Dependencies

Backend:

- **Node.js**
- **Express**
- **Mongoose**
- **CORS**

Frontend:

- **React.js**