**Task Manager**

**Full Stack Application Installation and Execution Guide**

**Introduction**

This guide will assist you in setting up and running the Task Manager application, a full stack MERN project. The frontend and backend of the application are hosted separately on different GitHub repositories and deployed online.**Live Demo**

You can access a live demo of the application [here](https://task-manager-octdaily-frontend.vercel.app/).

**Note:** Due to free tier, Backend server shutdown after 15 minutes of inactivity and would take some time on first request.

**Frontend**

**Repository Details**

Repository Name: TaskManager\_Octdaily\_FrontendGitHub Repository Link: <https://github.com/M-Hamza-Aslam/TaskManager_Octdaily_Frontend>Hosted on: Vercel**Installation and Execution**

1. **Clone the repository:** Clone the TaskManager\_Octdaily\_Frontend repository to your local machine using the following command:git clone https://github.com/M-Hamza-Aslam/TaskManager\_Octdaily\_Frontend.git
2. **Navigate to the project directory:**cd TaskManager\_Octdaily\_Frontend
3. **Install dependencies:** Install the required dependencies defined in the package.json file using the following command:npm install
4. **Start the application:** Start the frontend development environment using the following command: npm start

The application will start running and can be accessed at <http://localhost:3000/>

**Backend**

**Repository Details**

Repository Name: TaskManager\_Octdaily\_BackendGitHub Repository Link: <https://github.com/M-Hamza-Aslam/TaskManager_Octdaily_Backend>Hosted on: Render**Installation and Execution**

1. **Clone the repository:** Clone the TaskManager\_Octdaily\_Backend repository to your local machine using the following command:git clone https://github.com/M-Hamza-Aslam/TaskManager\_Octdaily\_Backend.git
2. **Navigate to the project directory:**cd TaskManager\_Octdaily\_Backend
3. **Install dependencies:** Install the required dependencies defined in the package.json file using the following command:
4. **Set up the environment variables:** Create a .env file in the root directory of the project. This file should contain the following variables:APP\_PORT = <provide the port number>MongoDB\_URI = <provide the URI of MongoDB database>
5. **Start the application:** Start the backend development environment using the following command:npm run dev

The backend server will start running and can be accessed at http://localhost:8080/

Please make sure that both frontend and backend are running simultaneously to ensure that the full stack application works properly.