To-Do List Web App (HTML, CSS, JavaScript)

Project Title: To-Do List Web App

Full-Stack MERN To-Do List Application

What is This Project About?

This project focuses on building and deploying a full-stack To-Do List web application using React.js for the frontend and Node.js with Express and MongoDB for the backend.

The goal is to provide hands-on experience in designing, developing, and deploying a complete MERN (MongoDB, Express, React, Node) stack application.

Features

- Add, update, and delete tasks

- Mark tasks as complete or incomplete

- View tasks with real-time UI updates

- Data stored in MongoDB for persistence

- Built using the MERN stack (MongoDB, Express, React, Node)

Technology Stack

Frontend:

- React.js (with hooks and functional components)

Backend:

- Node.js with Express.js

To-Do List Web App (HTML, CSS, JavaScript)

Database:

- MongoDB (using Mongoose for modeling)

Communication:

- Axios for API requests

Optional:

- MongoDB Atlas for cloud storage

- Render, Vercel, or Heroku for deployment

How to Run the Project

1. Start MongoDB server locally or use MongoDB Atlas.

2. Start the backend server using Node.js (node server.js).

3. Start the frontend React app (npm start).

4. Access the app in your browser (typically at http://localhost:3000).

5. Use the app to manage tasks and see real-time updates.