****MERN CRUD App Setup Guide****

#### ****Client (Frontend Setup with React + TypeScript + Tailwind CSS)****

1. **Create Vite App**

npm create vite@latest

* + **Project name**: Choose a name for your project, e.g., project\_name.
  + **Select a framework**: React.
  + **Select a variant**: TypeScript.

1. **Install Tailwind CSS with PostCSS and Autoprefixer**

npm install -D tailwindcss postcss autoprefixer

1. **Generate Tailwind CSS Configuration Files**

npx tailwindcss init -p

1. **Install Axios for HTTP Requests**

npm install axios

1. **Run the Development Server**

npm run dev

#### ****Server (Backend Setup with Express, MongoDB, and Nodemon)****

1. **Initialize Node.js Project**

npm init -y

1. **Install Required Dependencies**

npm install express mongoose cors

1. **Install Nodemon for Automatic Restarts in Development**

npm install nodemon --save-dev

1. **Start the Backend Server with Nodemon**

nodemon index.js

**In TailwindConfig.js**

export default function App() {

return (

<h1 className="text-3xl font-bold underline">

Hello world!

</h1>

)

}

**In Index.css**

@tailwind base;

@tailwind components;

@tailwind utilities;