Notes Manager APP

Welcome to the Notes Manager App repository! This web development project utilises React and tailwind CSS for the frontend, Node.js for the backend, Prisma as the database ORM, and MySQL as the database. The project is structured with separate folders for frontend and backend under the web_tech directory.

Folder Structure

The project structure is organized as follows:

- *web_tech:*
  - *frontend:*
    - *main:* Contains the main React app created with Vite and Tailwind CSS.
    - *README.md:* Frontend-specific documentation.
    - *.gitignore:* Gitignore file for GitHub use case.
  - *backend:*
    - *controllers:* MVC controllers.
    - *models:* Prisma models.
    - *routes:* Backend routes.
    - *index.js:* Main server file.
    - *README.md:* Backend-specific documentation.
    - *.gitignore:* Gitignore file for GitHub use case.

Getting Started

Follow these steps to set up and run the Notes Manager App:

Frontend

1. *Navigate to the Frontend folder:*

   cd web_tech/frontend

2. *Install dependencies:*

   npm install

3. *Run the development server:*

   npm run dev

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

Backend

1. *Navigate to the Backend folder:*

   cd web_tech/backend

2. *Install dependencies:*

   npm install

3. *Run the backend server:*

   node index.js

4. The backend server will be running at http://localhost:3001.

Database Configuration

Ensure you have a MySQL database set up, and update the database configuration in the backend/prisma/schema.prisma file.

prisma
// backend/prisma/schema.prisma

```
generator client {
  provider = "prisma-client-js"
  output   = "./prisma/client"
}

datasource db {
  provider = "mysql"
  url      = env("DATABASE_URL") // Update this with your MySQL database connection URL
}
```

// Other configurations...

Additional Information

- [Add any additional information or special instructions here, such as API documentation, environment variables, or other important details.]
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