

README

Google Form Recreation Project

This project is a Google form recreation application developed using the following technologies:

- **Frontend:** React JS (version 18), React Bootstrap, CSS3
- **Backend:** Node.js with Express.js, MongoDB for the database
- **API Integration:** Axios
- **Testing:** Postman

Instructions

Setup and Run Locally

Frontend

1. **Navigate to the frontend directory:**
`cd frontend`
2. **Install frontend dependencies:**
`npm i`
3. **Run the frontend application:**
`npm start`

Backend

1. **Navigate to the backend directory:**
`cd backend`
2. **Install backend dependencies:**
`npm i`
3. **Run the backend server:**
`node index.js`

Running Both Frontend and Backend Simultaneously

Access the Application

- Open your browser and go to `http://localhost:3000` to access the frontend locally.
- For the deployed version, visit <https://vyzen1.netlify.app/>.

Design Choices and Features

- **React JS:** Chosen for its component-based architecture, making it easier to manage and maintain the UI.
- **React Bootstrap:** Used for a responsive and modern UI design.
- **Axios:** Simplifies HTTP requests and API integration.
- **MongoDB:** NoSQL database chosen for its flexibility in handling the form data.
- **Node.js with Express.js:** Provides a robust backend framework.

Note

The project was intended to be deployed on AWS Cloud, GCP, or other cloud platforms. However, I am currently unable to proceed with the deployment due to the requirement of a credit card for setting up an AWS account and the inability to access other cloud platforms for file uploads. I have also attempted to use Netlify for hosting the frontend and Vercel for the backend. Unfortunately, Vercel's read-only file system prevents uploading images or documents. Therefore, the backend is deployed locally for now. Please use the provided MongoDB credentials to test and further process the application..

MongoDB Credentials:

- **Username:** halaswamyg07@gmail.com
- **Password:** Milky@1234