

GOFOODY

Project Overview:-

Foody is a web application that allows users to browse through different types of restaurants and their menus. Users can also search for restaurants based on their location and make reservations at their preferred restaurant.

Tech Stack:

The project is built using the MERN stack, which includes:

- - MongoDB as the database.
- - Express.js as the backend framework.
- - React as the frontend library.
- - Node.js as the backend runtime environment.

The frontend uses React with the following libraries:

- - React Router for routing.
- - Bootstrap as the CSS framework.
- - createContext, useContext, and useReducer for state management.

The backend uses:

- - Geolocation for fetching location API.
- - Mongoose as the MongoDB object modeling tool.

API:-

The project uses the Fetch API for fetching data from the MongoDB database.

Project Structure:

The project is divided into two parts:

- - Client: Contains the frontend of the application built with React and Bootstrap.
- - Server: Contains the backend of the application built with Node.js and Express.js.

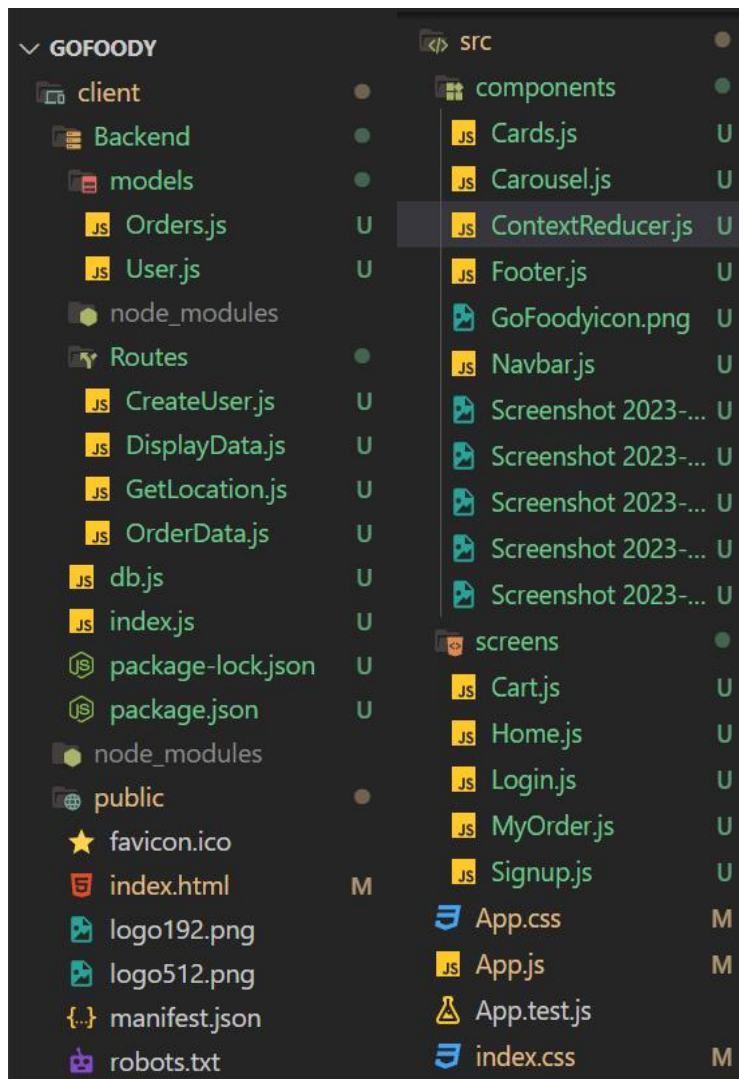
The client folder contains the following sub-folders:

- - public: Contains the index.html file and other static assets.
- - src: Contains the main source code for the application. This folder contains the following sub-folders:
 - - components: Contains reusable React components.
 - - contexts: Contains the React context files.
 - - pages: Contains the main pages of the application.
 - - utils: Contains utility functions used in the application.

The server folder contains the following files:

- - index.js: The main server file that starts the Node.js server.

- - routes.js: Contains the routes for the backend API.
- - models: Contains the Mongoose schema files for the MongoDB database.
- - controllers: Contains the logic for handling the API requests.



Installation:

To install and run the project on your local machine, follow the steps below:

1. Clone the project from the GitHub repository.
2. Install Node.js and MongoDB on your machine.
3. Open a terminal window and navigate to the project directory.
4. Install the dependencies by running the following command in the terminal:
`npm install`.
5. Start the server by running the following command in the terminal: `npm run server`.
6. Start the client by running the following command in another terminal window:
`npm start`.
7. Open your web browser and navigate to `http://localhost:3000` to view the application.

● Login Page-



The login page features a dark wooden background with a red and white checkered napkin and a plate of salad. The form includes fields for email address and password, a 'Check me out' checkbox, and 'Submit' and 'Register' buttons. Navigation links for 'Home', 'Login', and 'SignUp' are at the top.

GoFoody Home Login SignUp

Email address

We'll never share your email with anyone else.

Password

☐ Check me out

Submit Register

● SignUp User Page-



The sign-up page features a dark wooden background with a burger and vegetables. The form includes fields for name, email address, password, and address, along with a 'Click for current Location' button. Navigation links for 'Home', 'Login', and 'SignUp' are at the top.

GoFoody Home Login SignUp

Name

Your Name

Email address

Email@.com

We'll never share your email with anyone else.

Password

Password must be more than 5 letters

Address

"Click below for fetching address"

Click for current Location

Submit Already a User!

● Home Page-

GoFoody

Search

Search

localhost:3000

Biryani/Rice



Chicken Fried Rice

1 ▾ half ▾ Rs130/-

[Add to Cart](#)

Veg Fried Rice

1 ▾ half ▾ Rs110/-

[Add to Cart](#)

Fish Biryani

1 ▾ half ▾ Rs200/-

[Add to Cart](#)

Chicken Biryani



Veg Biryani



Prawns Fried Rice

Starter



Chilli Paneer

1 ▾ half ▾ Rs120/-

[Add to Cart](#)

Paneer 65

1 ▾ half ▾ Rs150/-

[Add to Cart](#)

Chicken Tikka

1 ▾ half ▾ Rs170/-

[Add to Cart](#)

Pizza



Chicken Cheese Pizza

1 ▾ regular ▾ Rs120/-

[Add to Cart](#)

Mix Veg Pizza

1 ▾ regular ▾ Rs100/-

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Conclusion:-

The Foody project is a full-stack web application built using the MERN stack. It uses React, Bootstrap, createContext, useContext, useReducer, and Fetch API at the frontend and Geolocation and Mongoose at the backend. The project structure is well-organized, and the installation process is straightforward.

This Project Is Completed By -

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