**Full Stack Food Ordering Website/App**

This repository contains the source code for a full-stack food ordering website/app developed using React JS, MongoDB, Express, Node JS, and Stripe payment gateway. The project includes a responsive frontend website, an admin panel, and a backend server.

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**Project Overview**

In this tutorial, you will learn to create a complete food ordering system that allows users to browse food items, add them to a cart, and place orders using online payment. The project covers user authentication, shopping cart functionality, order status updates, and more.

**Features**

* **Responsive Frontend Website:** Built with React JS to provide a seamless user experience across devices.
* **User Authentication:** Allows users to create accounts and log in to the website.
* **Shopping Cart Functionality:** Users can add food items to their cart and place orders.
* **Stripe Payment Integration:** Secure online payment processing through Stripe.
* **Admin Panel:** Admins can manage food items, view orders, and update order statuses.
* **Backend Server:** Built with Node JS and Express to handle API requests and manage the database.
* **MongoDB Atlas Integration:** A cloud database setup for storing user data, food items, and orders.

**Project Structure**

* **Frontend:** Developed using React JS, the frontend includes components for the homepage, cart, order page, and user authentication.
* **Backend:** Built with Node JS and Express, the backend handles API requests and interacts with MongoDB.
* **Admin Panel:** A React JS-based panel for administrators to manage the application.

**Installation**

1. **Clone the repository:**

bash

Copy code

git clone <repository-url>

cd food-del

1. **Install dependencies for the backend:**

bash

Copy code

cd backend

npm install

1. **Install dependencies for the frontend:**

bash

Copy code

cd ../frontend

npm install

1. **Set up environment variables:**

Create a .env file in the backend directory with the following:

env

Copy code

MONGO\_URI=<your-mongodb-atlas-uri>

JWT\_SECRET=<your-jwt-secret>

STRIPE\_SECRET\_KEY=<your-stripe-secret-key>

1. **Run the backend server:**

bash

Copy code

cd backend

npm start

1. **Run the frontend development server:**

bash

Copy code

cd ../frontend

npm start

**Usage**

1. **Frontend Website:**
   * Users can browse food items, add them to the cart, and place orders.
   * User registration and login are required to place orders.
2. **Admin Panel:**
   * Admins can log in to manage food items and view/update orders.
3. **Order Processing:**
   * Orders are placed with Stripe for secure payment processing.
   * Users can view their order status on the order page.

**Screenshots**

*Add screenshots here to showcase the frontend, admin panel, and order process.*

**Technologies Used**

* **Frontend:** React JS, HTML, CSS, Bootstrap
* **Backend:** Node JS, Express
* **Database:** MongoDB Atlas
* **Authentication:** JSON Web Tokens (JWT)
* **Payment Gateway:** Stripe

**License**

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