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Food Delivery Website

NSHM College of Management and Technology

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Paper	Major Project
Paper Code	BCAD681

About Project

Food Delivery Web Application

This project is a comprehensive Food Delivery Web Application designed to provide a seamless experience for customers to order food online and for administrators to manage the food menu and orders efficiently. The application incorporates various modern web technologies and best practices to ensure a robust, scalable, and user-friendly platform. It supports real-time updates for order tracking and uses secure payment gateways for transactions. Additionally, it includes an admin panel for managing the food menu, orders, and overall operations.

Contents

Features

Authentication and Authorization:

- Secure sign-up and login using passport.js
- Passwords are hashed for security using Bcrypt.

User Friendly Design:

- Compatible with desktops, tablets, and smartphones.
- Minimal User Interface

User Order Management:

- Browse Food Items
- Searching & Filtering
- Add To Cart
- Place Order
- Track Order Status

Admin Order Management:

- Login as Admin
- View user orders
- Update order status

Multiple Payment Methods:

- Stripe payment gateway for secure transactions.
- Cash On Delivery

Objectives

The primary objectives of this Food Delivery Web Application are:

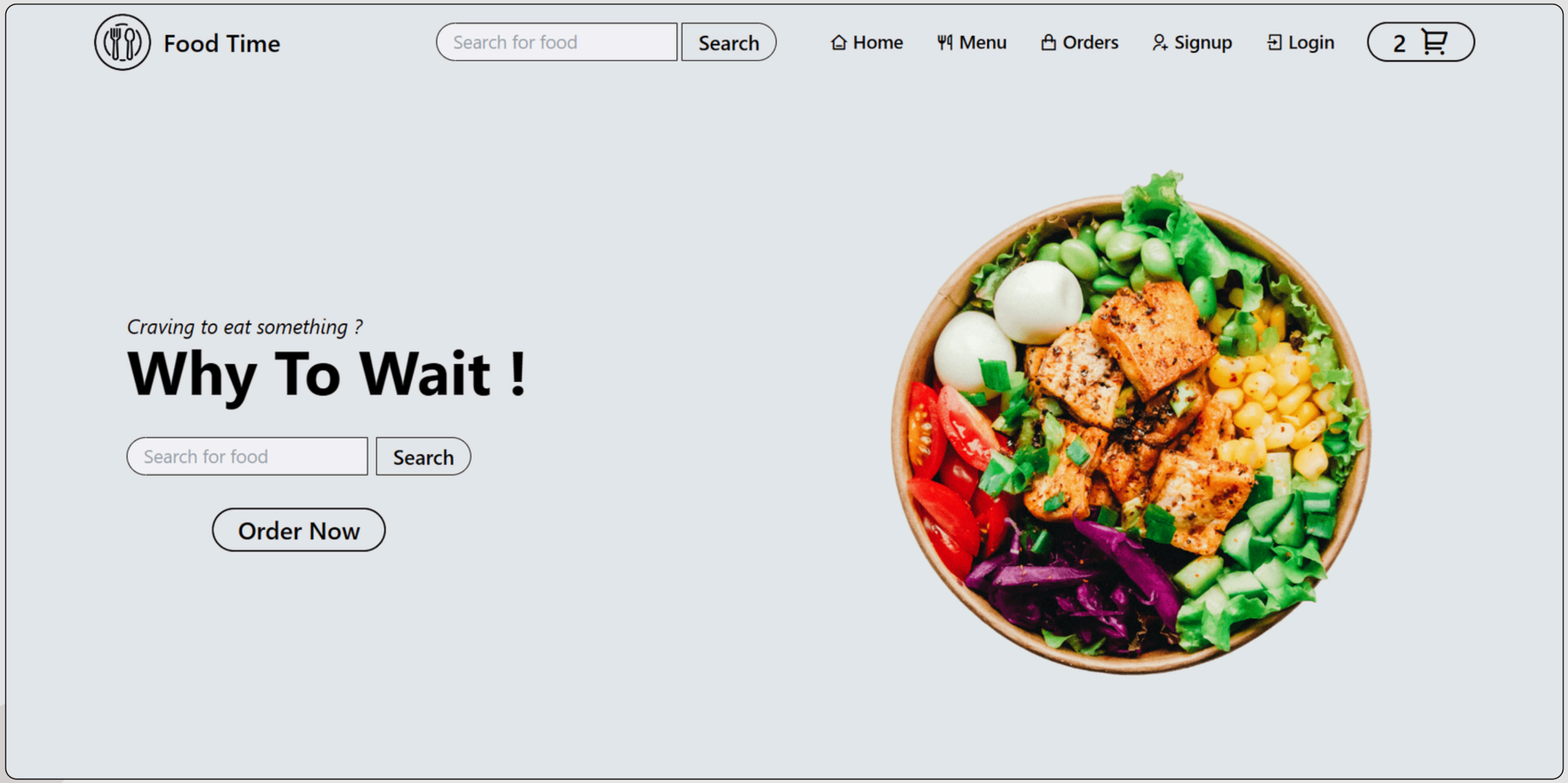
- **Provide a Seamless User Experience:**
- **Secure User Authentication:**
- **Efficient Order Management:**
- **Enable Secure Payments:**
- **Real-time Communication:**
- **Maintain Data Integrity and Security:**
- **Enhance Administrative Control:**
- **Scalability and Performance:**

Tech Stacks

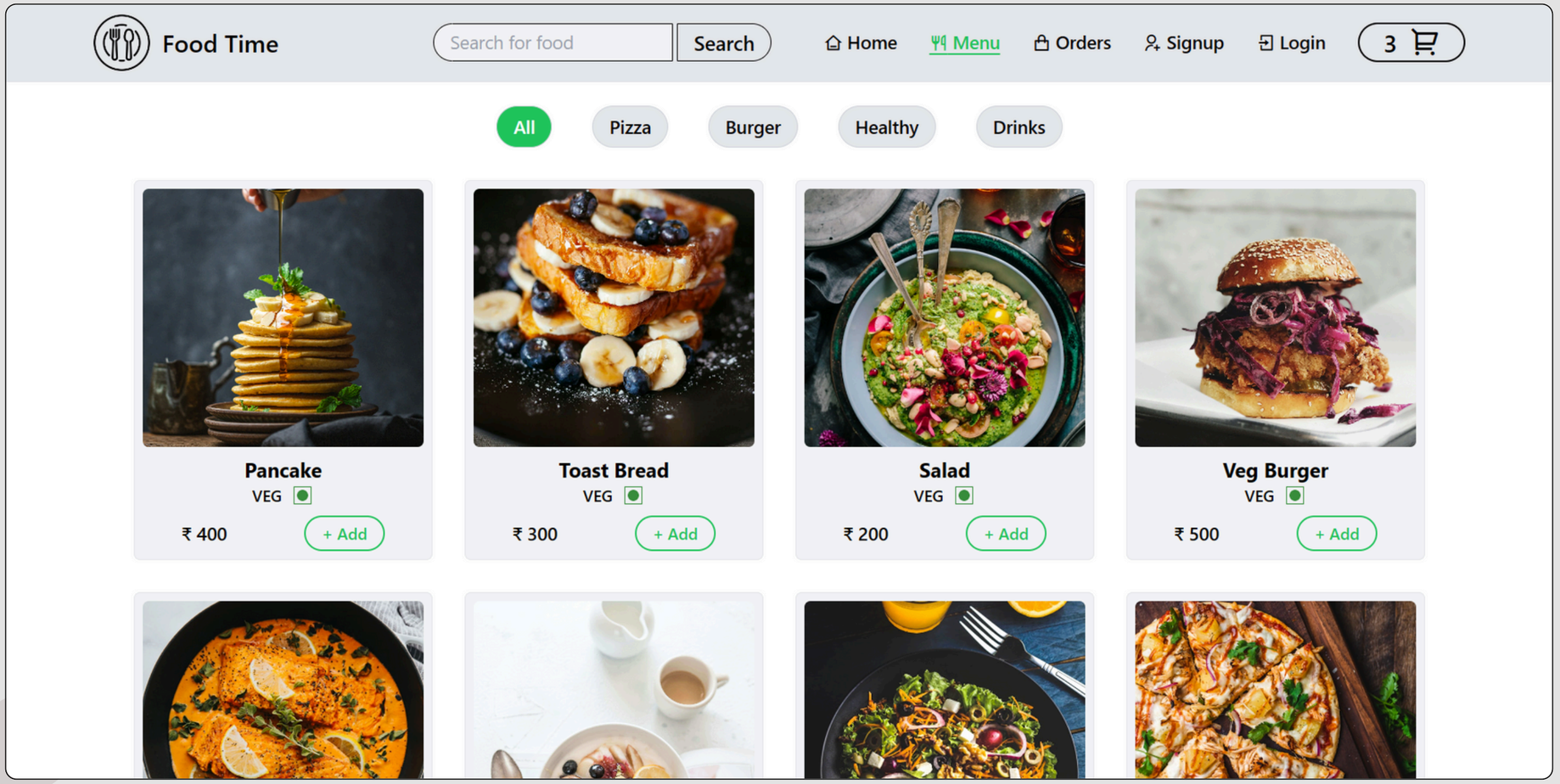
1. **Visual Studio Code** : Development Environment
2. **Node.js/Express JS** : Backend Server
3. **EJS(Embedded JS)** : Dynamic Frontend
4. **Tailwind CSS** : Rapid UI Development
5. **MongoDB + Mongoose** : Database & Driver
6. **Passport & Bcrypt**: Auth & encryption
7. **Stripe**: Online Payment

Project Views

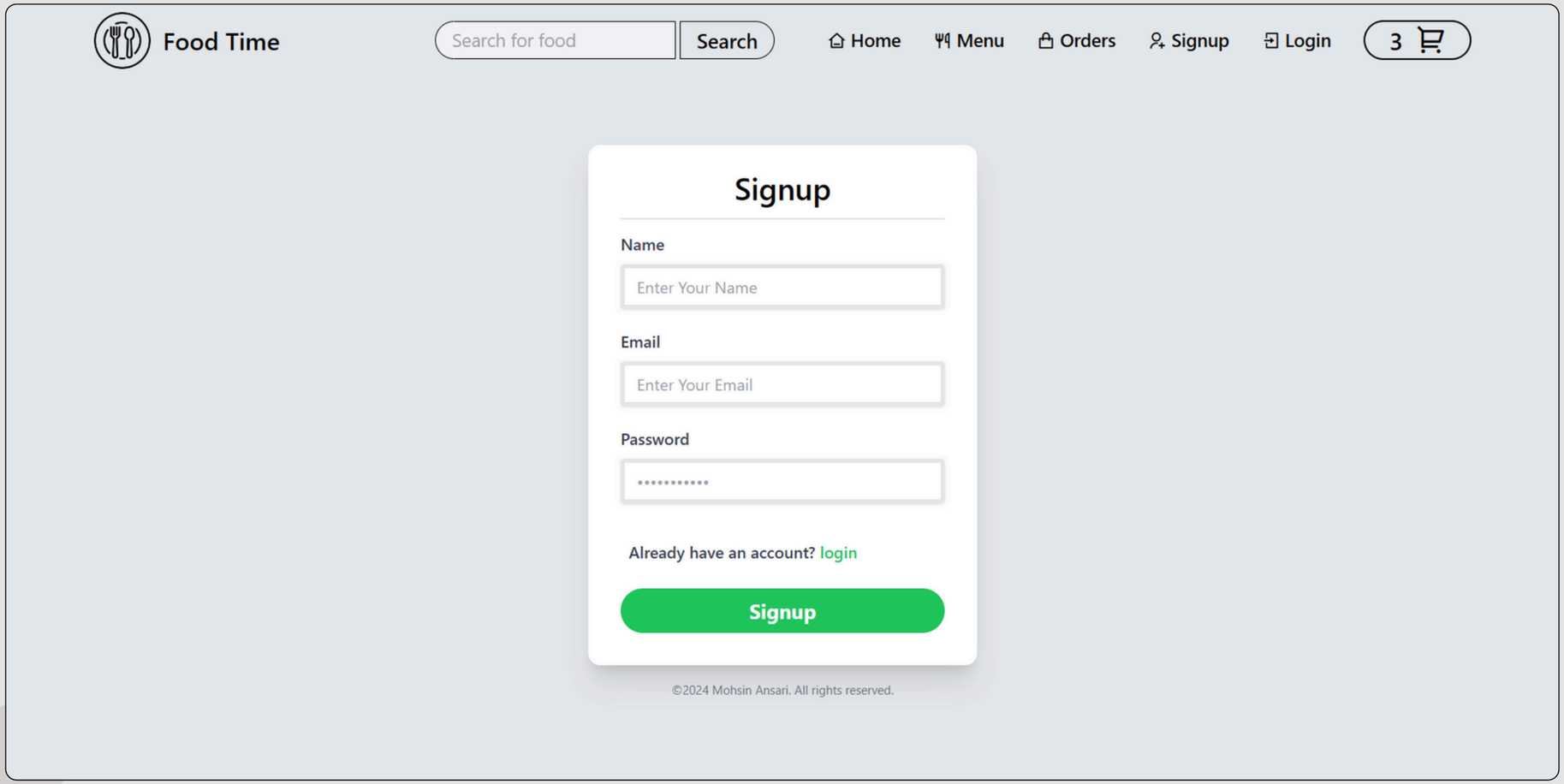
Landing Page



Food Menu


Food Time
Search for food
Search
Home
Menu
Orders
Signup
Login
3
All
Pizza
Burger
Healthy
Drinks
Pancake
VEG
₹ 400
+ Add
Toast Bread
VEG
₹ 300
+ Add
Salad
VEG
₹ 200
+ Add
Veg Burger
VEG
₹ 500
+ Add

Signup


Food Time
Search for food
Search
Home
Menu
Orders
Signup
Login
3
Signup
Name
Enter Your Name
Email
Enter Your Email
Password
Already have an account? login
Signup
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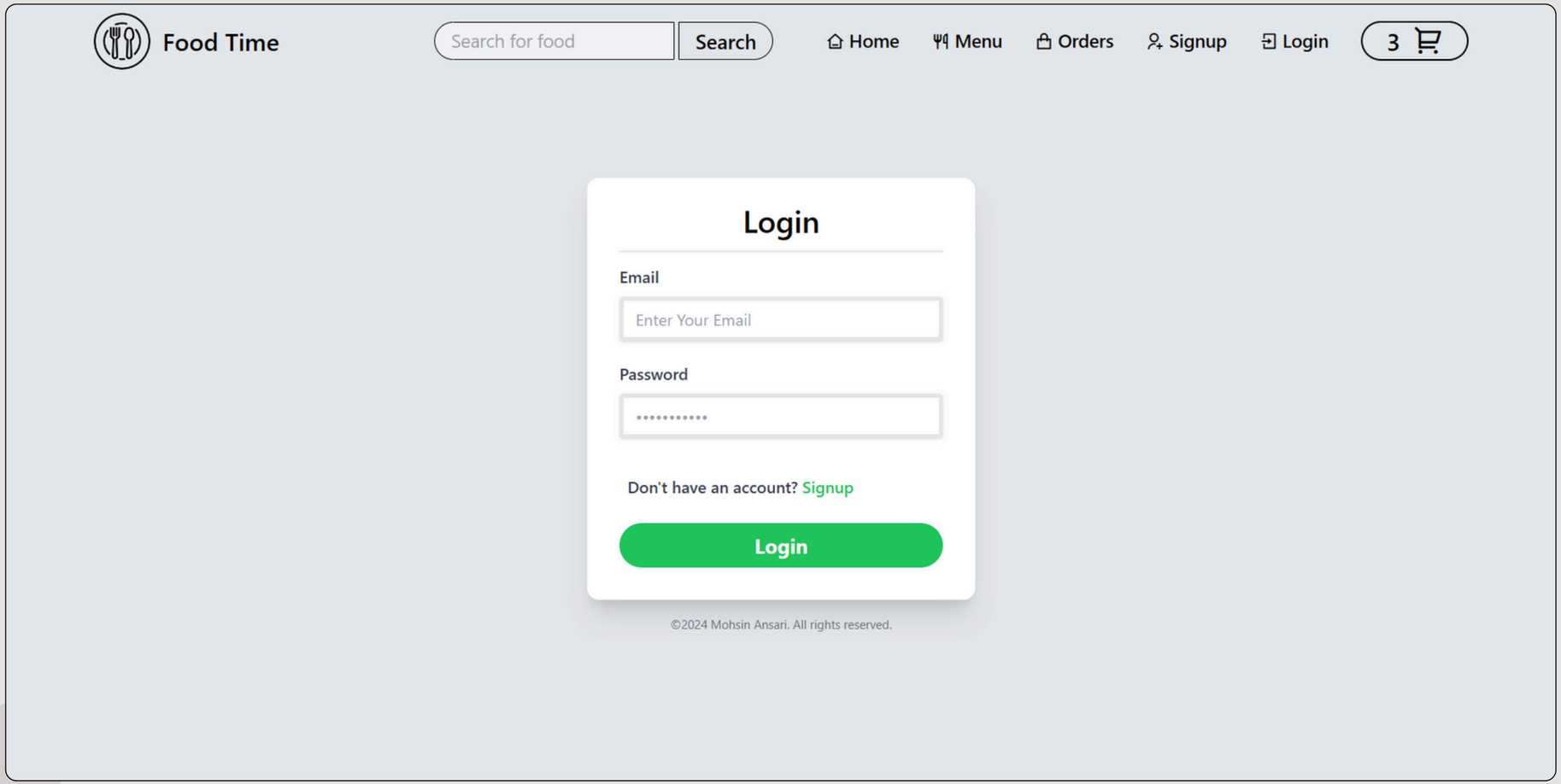
Login


Food Time
Search for food
Search
Home
Menu
Orders
Signup
Login
3
Login
Email
Enter Your Email
Password
Don't have an account? Signup
Login
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Cart

Hii! *Mohsin Ansari*

Search for food | Search

Home | Menu | Orders | Logout | 2

Order Summary

Veg Pizza
VEG

x2

₹ 1100

Total Amount: ₹ 1100

Pay with Card

Name

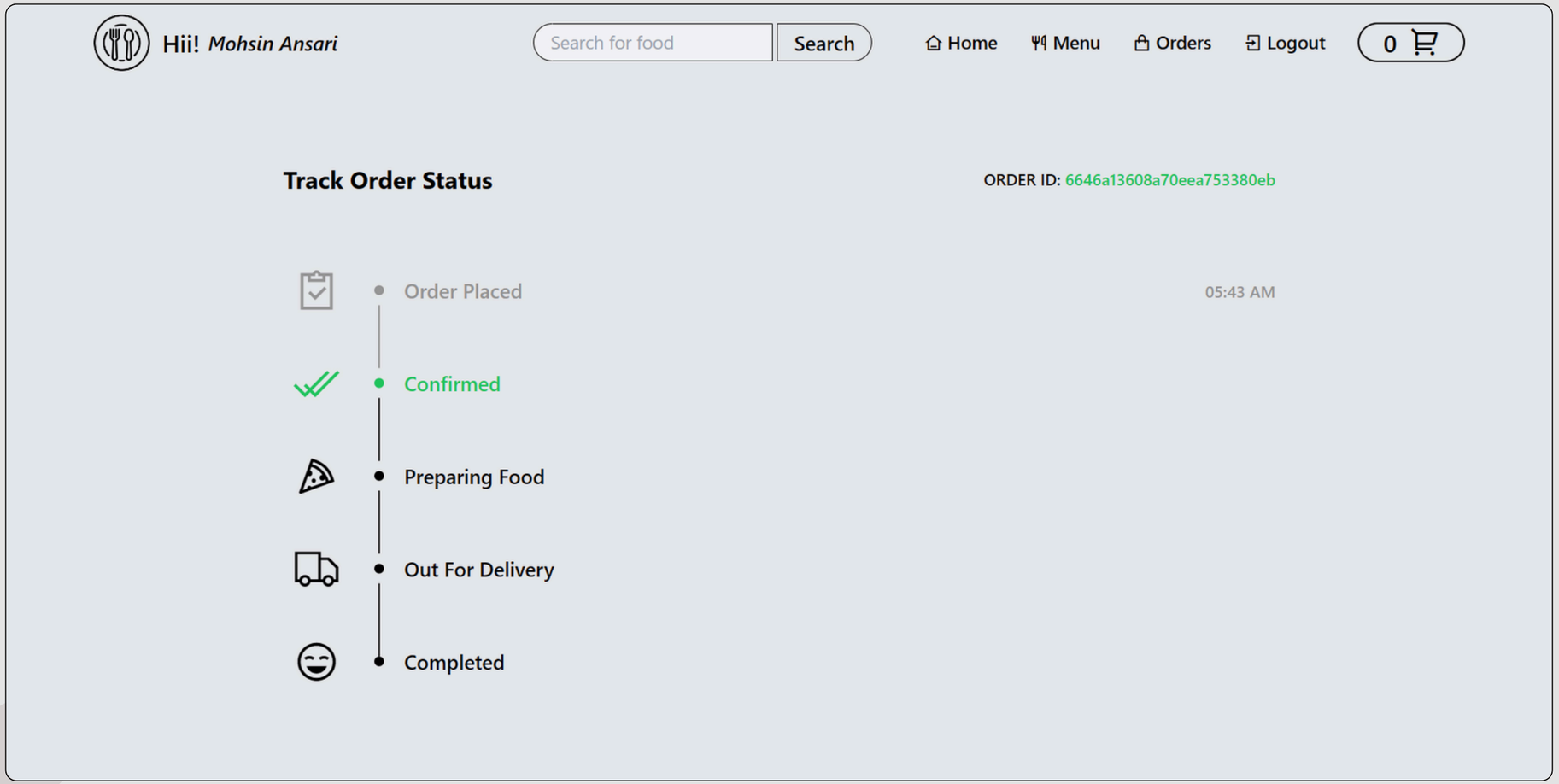
Phone Number

Address

Card number MM / YY

Place Order

Order Status



Deployment & Source Code

Deployment:

The Food delivery web application has been successfully deployed using Render, a platform for continuous deployment. This deployment method ensures that the latest changes to the project are automatically reflected in the live application, providing a seamless and up-to-date experience for users.

Deployed Link : ClickHere

Source Code:

The complete source code for Food delivery web application is available on the GitHub repository with License. This repository serves as a centralized location for the project files, including server-side scripts, frontend code, Installation and configuration. Users and developers can access the source code, contribute to the project, or explore the implementation details.

Source Code Link: ClickHere

Live Demo

Food Delivery Web Application

- Project Structure
- Project GitHub Repo
- Project Demo Local
- Project Overview Render

Future Scope

1. **Customer Loyalty Programs**:
   - Implement loyalty programs, discounts, and promotional offers to incentivize repeat orders and foster customer loyalty.
2. **Recruitment and Team Building**:
   - As the project grows, recruit a dedicated team of developers, designers, marketers, and customer support personnel to scale operations and drive growth effectively.
3. **Migration to Next.js**:
   - Consider migrating the codebase to Next.js, a React framework for building server-rendered web applications, to leverage its benefits such as improved performance, SEO, and developer experience, resulting in enhanced user experience.
4. **Integration of Machine Learning**:
   - Explore the integration of machine learning algorithms for personalized recommendations, predictive analytics, and fraud detection, enhancing the platform's efficiency and user satisfaction.
5. **Voice and Chatbot Integration:**
   - Integrate voice-based interfaces and chatbots to provide users with more natural and conversational interactions, improving accessibility and customer support capabilities.

THANK YOU

For Queries & Feedback, Mail Me At

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