online food ordering system

Introduction:

The Online Food Ordering System is a web-based application that simplifies the food ordering process for customers and restaurant owners. It allows users to browse menus, place orders, make online payments, and track order status from the convenience of their devices. This system is ideal for modern restaurants seeking to digitize their services and improve customer experience.

Project description :

This project uses a full-stack web development approach to create a user-friendly platform for food ordering. The frontend is developed using HTML, CSS, JavaScript, and styled using Tailwind CSS and Bootstrap to ensure responsiveness across devices. The backend is built using Flask, a lightweight Python web framework, and integrates a database for managing users, food items, and orders.

Users can register and log in to the system, view available food items, add them to a cart, and confirm orders. Admin users can manage food menus, process orders, and monitor sales through a dashboard interface.

The system includes the following core pages:

- Home
- Menu
- Cart
- Order History
- Contact Us
- Login/Signup
- Admin Panel

Features:

- Real-time food ordering system with cart functionality
- Clean and responsive web interface
- Navigation links for multiple pages
- Secure user login and signup
- Order history and status tracking
- Admin dashboard for food and order management
- Mobile-friendly UI for seamless experience
- Backend order and database handling

Technologies Used

- Python 3
- Flask – lightweight web framework for backend development
- SQLite/MySQL – database management system
- Tailwind CSS – modern styling framework
- Bootstrap – responsive design components
- HTML / CSS / JavaScript – for frontend structure and interactivity

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