Smart Restaurant Management System

Backend Project using Java, JDBC & MySQL

Project Overview

➢ This system is designed to manage restaurant operations efficiently.

➢ Includes 3 major panels:

      1. Admin Panel

      2. Manger Panel

      3. Customer Panel

➢ Supports both Single and Multi-Restaurant models.

➢ QR code-based menu access for customers.

Technologies Used

- **Backend:** Java

- **Database:** MySQL

- **Connectivity:** JDBC

- **Other:** SQL queries, Basic data structures

Admin Panel Features

- The Admin Panel gives complete control over the restaurant system—suitable for both single and multi-restaurant management.

a)   Add, Edit, Delete Restaurant

b)   Menu Management

c)   User Management

d)   Order & Inventory Tracking

e)   Reports

f)   Restaurant-Specific Settings

g)   Analytics

h)   Full control

i)   Set Permissions

Manager Panel

The Manager Panel allows each restaurant manager to handle daily operations such as orders, staff, tables, and performance efficiently.

- Manage Orders   Shift Management
- Menu Management   Special Offer
- Table Management   Attendance
- Staff Management   Performance Tracking
- Inventory Tracking   Order Tracking
- Sales & revenue   Feed Back
- Customer Feed Back

Customer Panel

The Customer Panel provides users with a smooth dining experience—allowing them to browse menus, place orders, track them, and enjoy personalized features.

- Browse the food
- Order Food
- Order Tracking
- Payment Option
- Table Reservation
- Order History
- Customer Profile
- Rating & Review
- Split Bill

Loyalty Points /Rewards

Promotions and Discount

Customer Support

Real Time Notification

Fav list

Delivery Address

Track and Delivery

Order Schedling

Unique Feature

➢ QR code menu access

➢ Split Bill feature

➢ Order Scheduling

➢ Restaurant-specific loyalty rewards

➢ Real-time inventory & staff tracking

➢ Suitable for both single and multi-restaurant setups