
Project Details

Project Name:	Restaurant Order System
Assigned To:	Nakka Srinivas Reddy
Due Date:	2025-04-01

Description:

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The **Restaurant Order System** is a web-based platform that allows customers to **browse menus, place food orders, and track their order status online**, while restaurant staff can **manage orders and update their processing status**. This project will be developed using **PHP, Bootstrap, and MySQL** to ensure an **efficient and structured restaurant management system**.

Features to Implement

1.

User Authentication

- **Customer login & registration** to place orders.
- **Admin login** to manage menu items and orders.

2.

Menu Display

- Display available **food items with images, prices, and descriptions**.
- Categorize menu into **Starters, Main Course, Beverages, Desserts, etc.**

3.

Online Ordering System

- Customers can **select items, add them to the cart, and place an order**.
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- Show **total order cost** before checkout.

4.

Order Management & Status Tracking

- Admin can **view and update order status** (Pending, Preparing, Completed, Delivered).
- Customers can track their **order progress in real-time**.

5.

Payment Options (Optional)

- Support **Cash on Delivery (COD)** or **Online Payment Integration**.

6.

Admin Panel (Menu & Order Management)

- Add, edit, and delete **menu items**.
- Manage **orders and update processing status**.

7.

Database Management

- Store **menu items, customer orders, and order history** in MySQL.

8.

Security Measures

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- Prevent **unauthorized access** using **session authentication**.
 - Secure order transactions with **input validation and SQL injection prevention**.