

1.The Idea:

The Restaurant Management System (RMS) is conceived as an end-to-end solution that addresses the intricate challenges faced by restaurants in managing their operations efficiently. It acts as a digital hub, connecting system administrators, restaurant administrators, and customers to streamline various aspects of restaurant management.

2.Target Customer:

Restaurants of all sizes and types seeking a modern, robust, and scalable solution to enhance their day-to-day activities.

3. Problem Statement

Restaurants often face challenges in efficiently managing their operations, including menu updates, order processing, inventory tracking, and staff management. Current systems may lack the integration and user-friendly features needed to address these challenges effectively.

4. Solution

Our proposed Restaurant Management System is designed to address these challenges by offering a comprehensive set of features and functionalities. The system ensures seamless communication between system administrators, restaurant administrators, and customers, fostering a more efficient and enjoyable dining experience.

5. Features and Functions

5.1 System Admin

- Add restaurants and their administrators.
- Manage restaurant coupons.

5.2 Restaurant Admin

- Manage recipes, including adding new recipes and updating existing ones.
- Process orders and update order status.
- Manage tables and reservations.
- Create and update the restaurant's menu.

5.3 Customer

- Add recipes to the cart.
- Place orders with the option to apply coupons.
- Track order details and status.
- Reserve tables at specific times.
- View order and reservation history.
- Search restaurants by name.
- Add reviews for recipes and restaurants.

6. Site Structure

The proposed system will consist of three main user roles:

- System Admin
- Restaurant Admin
- Customer

Each role will have access to specific features and functionalities tailored to their responsibilities.

7. Additional Features

- Analytics and reporting for restaurant administrators.
- Integration with payment gateways for online transactions.
- Update restaurant details.