**Project Topic:** Food Delivery System

**Description:**

Hectic schedules leave little time for cooking, but navigating a sea of delivery options can be frustrating. Restaurants struggle to reach new customers and manage online orders efficiently. Our food delivery system bridges the gap. Customers browse menus from a curated selection of local restaurants, track deliveries in real-time, and pay securely. Restaurants gain a user-friendly platform to manage menus, receive orders seamlessly, and boost their online presence.

**Scope:**

Our system aims to establish itself as a leading food delivery service, catering to the needs of customers who seek delicious meals delivered to their doorstep. Our platform will provide a comprehensive selection of restaurants, menu options, and delivery services, ensuring a hassle-free dining experience for users across various locations. We strive to enhance accessibility, affordability, and efficiency in the food delivery market, promoting customer satisfaction and loyalty.

**Features:**

1. User Registration
2. User Profile Management
3. Menu Browsing
4. Real-Time Order Tracking
5. Secure Payment Options
6. Exclusive Deals and Promotions
7. Order History Access
8. Restaurant Registration
9. Menu Management
10. Real-Time Order Notifications
11. Secure Payment Processing
12. Promotional Offers
13. Rider Registration
14. Real-Time Delivery Notifications
15. Delivery Status Update

**Requirement details with actors:**

|  |  |  |
| --- | --- | --- |
| Req# | Actor | Initial Requirements |
| 1 | Customer | Customers shall be able to register on the platform to access personalized features and services. |
| 2 | Customer | Customers shall be able to manage their personal information, delivery addresses, and payment methods within their user profiles. |
| 3 | Customer | Customers shall be able to browse through extensive menus offered by restaurants, with detailed descriptions and pricing. |
| 4 | Customer | Users shall be provided with real-time tracking of order status from confirmation to delivery, ensuring transparency and peace of mind. |
| 5 | Customer | Secure payment options shall be available for seamless transactions, including cash on delivery, credit/debit cards, and digital wallets. |
| 6 | Customer | Exclusive deals, discounts, and promotional offers shall be available to reward loyal customers and attract new ones. |
| 7 | Customer | Users shall have access to their past order details for easy reordering and reference. |
| 8 | Restaurant | Restaurants shall be able to register on the platform to display and sell their food items. |
| 9 | Restaurant | Restaurants shall be able to upload and update their menus with detailed descriptions, prices, and images. |
| 10 | Restaurant | Restaurants shall receive real-time notifications for new orders and updates on order status. |
| 11 | Restaurant | Secure payment processing shall be available for restaurants to receive payments for orders. |
| 12 | Restaurant | Restaurants shall be able to offer promotions, discounts, and special deals to attract customers and increase sales. |
| 13 | Rider | Riders shall be able to register on the platform to view and manage delivery orders. |
| 14 | Rider | Riders shall receive real-time notifications for new delivery orders and updates on order status. |
| 15 | Rider | Riders shall be able to update the status of delivery orders, including pickup, en route, and delivered. |