**Online Food Delivery Application**

### Introduction:

The Online Food Delivery Application is a software solution designed to make it easier for customers to order food from their favorite restaurants and has it delivered to their doorstep. The objective of this system is to streamline the food ordering and delivery process, reduce wait times, and improve the overall customer experience. This business requirement document outlines the functional and non-functional requirements of the Online Food Delivery Application.

### Functional Requirements:

1. Restaurant Search: The system should allow customers to search for restaurants by cuisine, location, or restaurant name.
2. Menu Display: The system should display the menu of each restaurant, along with the prices and images of the dishes.
3. Food Ordering: The system should allow customers to select their preferred dishes, customize their orders, and add them to the cart.
4. Payment: The system should allow customers to make payments for their food orders through various payment options such as credit cards, net banking, and digital wallets.
5. Order Tracking: The system should allow customers to track the status of their food orders, from order confirmation to delivery.
6. Rating and Review: The system should allow customers to rate and review the restaurants they have ordered from, based on their food quality, delivery time, and overall experience.
7. Order History: The system should maintain a record of customer order history for reference and future orders.

### Non-Functional Requirements:

1. Performance: The system should be able to handle a high volume of customer requests and food orders without any performance degradation.
2. Security: The system should be secure and protect customer data and payment information from unauthorized access or disclosure.
3. Availability: The system should be available 24/7, with minimal downtime for maintenance.
4. Usability: The system should be user-friendly and easy to navigate for both tech-savvy and non-tech-savvy customers.
5. Compatibility: The system should be compatible with different devices and operating systems, including desktops, laptops, and mobile devices.
6. Scalability: The system should be scalable and able to handle an increasing number of customers and food orders as the application grows.

### Conclusion:

The Online Food Delivery Application is an essential requirement for customers to order food from their favorite restaurants easily and efficiently. The functional and non-functional requirements outlined in this business requirement document will ensure the successful implementation and adoption of the system.

**Database Template**

Table Name: Orders

Columns: order\_id, customer\_id, restaurant\_id, order\_date, delivery\_address, payment\_method, total\_amount, order\_status

Table Name: Restaurants

Columns: restaurant\_id, restaurant\_name, cuisine\_type, location, rating

Table Name: Menu\_Items

Columns: menu\_item\_id, restaurant\_id, item\_name, description, price, availability

Table Name: Customers

Columns: customer\_id, name, email, phone\_number, delivery\_address

TableName : Cart

Columns: cart\_id,customer\_id,restaurant\_id,item\_id,price,qty,total,order\_id

Table Name; Rating\_Reviews

Columns: customer\_id,restaurant\_id,rating,reviews/comments