

# ***Online Food ordering system***

# *Abstract*

*Online food ordering is a feature of our suggested system, which makes it convenient for customers. Our system is an easy way to order food from restaurants and get a mess service online. This system enhances the process of taking consumer orders. Customers can easily place orders as they like using the online meal ordering system, which sets up a food menu online.*



# Introduction

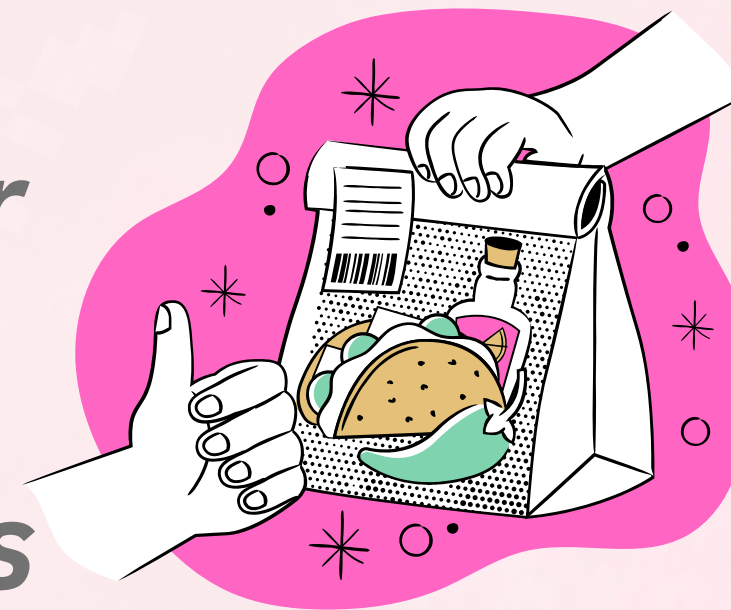
*Online clients can simply track orders if there is a meal selection available. The management keeps track of consumer information and enhances food delivery services. We are motivated to create the system by the mess management systems. An additional incentive is the rising use of smartphones, which would enable all system users to access all services with a single click*





# APPLICATIONS

- 1. Used by restaurants to take online orders.***
- 2. Helps food delivery apps connect customers and restaurants.***
- 3. Useful for cloud kitchens that work only through online orders.***
- 4. Used in college/office canteens for quick food ordering.***
- 5. Helps home-based food businesses and tiffin services take orders easily.***





# Existing methodology

- User registration/login
- Menu browsing
- Adding items to cart
- order placements
- Online/cash on delivery
- Real time tracking
- Order delivered



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- ***Delivery charges are high***
- ***Network issues***
- ***late deliveries***
- ***limited services in rural area***

# • Proposed methodology

## 1. User Registration and Login

- New users create an account by entering basic details (name, mobile number, email, address).
- Existing users log in using mobile number/email and password.

## 2. Restaurant Listing and Menu Display

- **The system fetches and displays a list of restaurants near by the user's**
- **Each restaurant show:**
- **Menu items**
- **price**
- **images**
- **Rating and reviews**

## 3. Item Selection and Cart Management

- Users select food items from the menu
- selected items are added to the cart
- users can
- increase or decrease quantity
- remove items



#### **4. Order Confirmation**

- Item list
- Taxes
- Delivery charges
- Total amount

The user confirms the order by selecting the delivery address and payment method.

#### **5. Payment Processing**

The system supports multiple payment options:

- UPI(Google pay, phone pay)
- Net banking
- Cash on delivery

Once payment is successful, an order ID is generated.

#### **6: Delivery & Tracking**

- Delivery partner assigned automatically
- picks up the food from the restaurant
- GPS -based live tracking available
- Tracks order until it reaches the customer



# **ADVANTAGES OF THE PROPOSED ONLINE FOOD ORDERING SYSTEM**

**convenience  
for  
customers**

**Time  
saving**

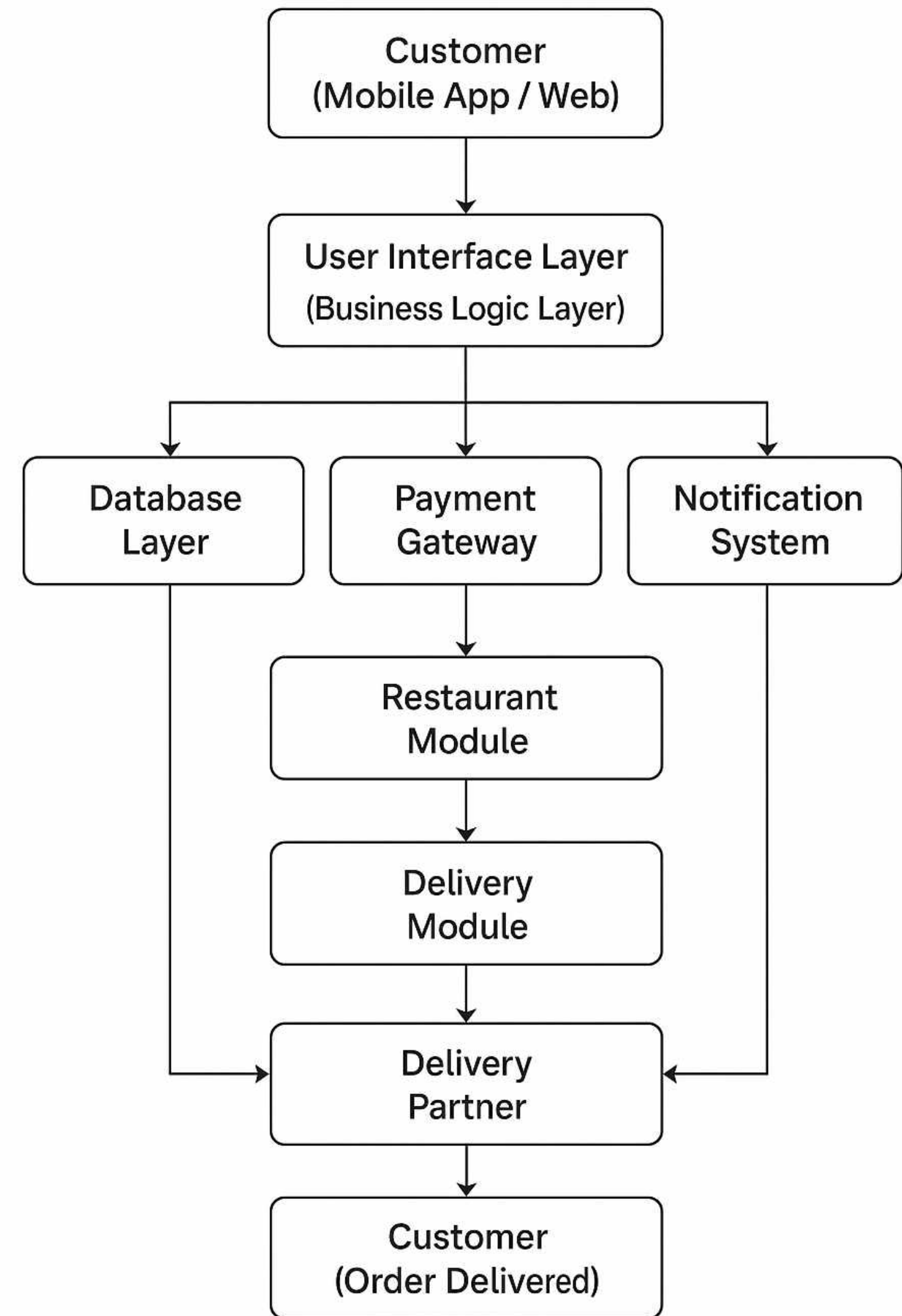
**Accurate  
order  
processing**

**Multiple  
payment  
options**

**Real time  
odrer  
tracking**

**Food delivery  
and  
customer  
satisfaction**

# ARCHITECTURE OF ONLINE FOOD ORDERING SYSTEM





# CONCLUSION

**The Online Food Ordering System offers a simple and efficient way to order food online. It reduces manual work, saves time, and improves accuracy through digital order processing. Real-time tracking and multiple payment options enhance customer satisfaction. Overall, the system provides a reliable and scalable solution for modern food delivery services.**



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