

# **FOOD ORDERING SYSTEM**



## **A PROJECT REPORT**

*Submitted by*

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*in partial fulfillment of requirements for the award of the course*

**CGB1221-DATABASE MANAGEMENT SYSTEMS**

*in*

**ARTIFICIAL INTELLIGENCE AND DATA SCIENCE**

**K. RAMAKRISHNAN COLLEGE OF TECHNOLOGY**

(An Autonomous Institution, affiliated to Anna University Chennai and Approved by AICTE, New Delhi)

**SAMAYAPURAM – 621 112**

**JUNE- 2025**

**K. RAMAKRISHNAN COLLEGE OF TECHNOLOGY  
(AUTONOMOUS)**

**SAMAYAPURAM – 621 112**

**BONAFIDE CERTIFICATE**

Certified that this project report on “**FOOD ORDERING SYSTEM**” is the bonafide work of **PRIYADHARSHINI J (2303811724322085)** who carried out the project work during the academic year 2024 - 2025 under my supervision.

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Submitted for the viva-voce examination held on ...04.06.2025.....

**INTERNAL EXAMINER**

**EXTERNAL EXAMINER**

## **DECLARATION**

I declare that the project report on **“FOOD ORDERING SYSTEM”** is the result of original work done by me and best of my knowledge, similar work has not been submitted to **“ANNA UNIVERSITY CHENNAI”** for the requirement of Degree of **BACHELOR OF TECHNOLOGY**. This project report is submitted on the partial fulfilment of the requirement of the completion of the course **CGB1221 – DATABASE MANAGEMENT SYSTEMS**.

**Signature**

PRIYADHARSHINI J

Place: Samayapuram

Date: 04.06.2025

## ACKNOWLEDGEMENT

It is with great pride that I express our gratitude and in-debt to our institution “**K.Ramakrishnan College of Technology (Autonomous)**”, for providing us with the opportunity to do this project.

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## **INSTITUTE**

### **Vision:**

- To serve the society by offering top-notch technical education on par with global standards.

### **Mission:**

- Be a center of excellence for technical education in emerging technologies by exceeding the needs of industry and society.
- Be an institute with world class research facilities.
- Be an institute nurturing talent and enhancing competency of students to transform them as all – round personalities respecting moral and ethical values.

## **DEPARTMENT**

### **Vision:**

- To excel in education, innovation, and research in Artificial Intelligence and Data Science to fulfil industrial demands and societal expectations.

### **Mission**

- To educate future engineers with solid fundamentals, continually improving teaching methods using modern tools.
- To collaborate with industry and offer top-notch facilities in a conducive learning environment.
- To foster skilled engineers and ethical innovation in AI and Data Science for global recognition and impactful research.
- To tackle the societal challenge of producing capable professionals by instilling employability skills and human values.

## **PROGRAM EDUCATIONAL OBJECTIVES (PEO)**

- **PEO1:** Compete on a global scale for a professional career in Artificial Intelligence and Data Science.
- **PEO2:** Provide industry-specific solutions for the society with effective communication and ethics.
- **PEO3** Enhance their professional skills through research and lifelong learning initiatives.

## **PROGRAM SPECIFIC OUTCOMES (PSOs)**

- **PSO1:** Capable of finding the important factors in large datasets, simplify the data, and improve predictive model accuracy.
- **PSO2:** Capable of analyzing and providing a solution to a given real-world problem by designing an effective program.

## **PROGRAM OUTCOMES (POs)**

Engineering students will be able to:

1. **Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
2. **Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences
3. **Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations
4. **Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions
5. **Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations
6. **The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice
7. **Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development
8. **Ethics:** Apply ethical principles and commit to professional ethics and

responsibilities and norms of the engineering practice.

- 9. Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- 10. Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- 11. Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- 12. Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

## **ABSTRACT**

The Food Ordering System is a database-driven application designed to streamline the online food ordering process for both customers and administrators. It provides a user-friendly interface for browsing restaurants, exploring menus, adding items to a shopping cart, placing orders, and making secure payments. Administrative functions include managing users, food items, restaurant data, order tracking, and updating payment statuses. The system follows a three-tier architecture comprising a presentation layer for user interactions, an application layer that handles business logic such as authentication, order management, and payment processing, and a data layer supported by a relational database. Core modules include login and registration, shopping cart, restaurant and menu browsing, payment gateway integration, and error notifications. The database is structured with normalized tables like Users, Restaurants, FoodItems, Orders, OrderDetails, and Payments to ensure data consistency and integrity. Admin users are granted control over critical data management tasks, while customers interact with the system through order placement and tracking features. Designed for efficiency, scalability, and real-world applicability, the Food Ordering System enhances convenience for users and simplifies operational management for food service providers.



### ABSTRACT WITH POs AND PSOs MAPPING

#### CO 5 : BUILD DATABASES FOR SOLVING REAL-TIME PROBLEMS.

ABSTRACT	POs MAPPED	PSOs MAPPED
The Food Ordering System is a database-driven platform that simplifies online food ordering for customers and administrators. It enables users to browse menus, add items to a cart, place orders, and make secure payments, while administrators manage restaurants, food items, orders, and payment statuses. Built on a three-tier architecture-presentation, application, and data layers-it integrates modules like authentication, shopping cart, order management, and payment processing. The system uses a normalized relational database with tables for Users, Restaurants, FoodItems, Orders, and Payments to ensure data integrity. With a focus on usability and efficient management, the system supports real-world food delivery operations effectively.	<b>PO1 -3</b> <b>PO2 -3</b> <b>PO3 -3</b> <b>PO4 -2</b> <b>PO5 -3</b> <b>PO6 -2</b> <b>PO7 -1</b> <b>PO8 -2</b> <b>PO9 -3</b> <b>PO10 -3</b> <b>PO11-2</b> <b>PO12 -2</b>	<b>PSO1 -3</b> <b>PSO2 -3</b>

Note: 1- Low, 2-Medium, 3- High

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# **CHAPTER 1**

## **INTRODUCTION**

### **1.1 OVERVIEW**

The Food Ordering System is a web-based application built with PHP and MySQL, designed to streamline the process of ordering food online. It replaces traditional manual methods with an automated platform where customers can browse menus, place orders, and make secure payments, while administrators manage restaurants, food items, and order statuses. The system ensures secure authentication and accurate order processing through a structured MySQL database that maintains records of users, food items, restaurants, orders, and payment status. Highly applicable in the growing online food delivery market, the platform enhances service efficiency, reduces operational overhead, and provides a smooth ordering experience that aligns with the expectations of today's digital consumers.

### **1.2 OBJECTIVE**

The objective is to build a digital platform that simplifies the process of browsing menus, placing orders, and managing food delivery operations. It is designed to enhance customer convenience, reduce administrative effort, and offer a scalable solution for restaurants and food service providers. The system specifically aims to allow customers to explore food items by restaurant or location, place orders online, and make secure payments, while enabling administrators to manage menu items, track orders, and update payment statuses. By automating key tasks, the system minimizes manual errors, speeds up service, and ensures accurate data handling. Additionally, real-time order updates and status tracking improve transparency and user satisfaction, making the platform an efficient tool for both customers and service operators.

### **1.3 SQL AND DATABASE CONCEPTS**

The Food Ordering System utilizes a structured MySQL relational database named `food_ordering_system` to manage all core operations and data flow. The database includes several interrelated tables that support efficient data storage, normalization, and retrieval. The `admin` table stores administrator credentials for secure backend access and management functions. The `users` table holds customer registration and login information, ensuring secure user authentication. The `restaurant` table contains data related to registered food providers, while the `res_category` table categorizes restaurants or food items to allow filtered browsing. The `dishes` table maintains detailed records of food items, each linked to a specific restaurant and category. The `users_orders` table tracks all customer orders, associating users with their selected dishes and order timestamps. Relationships between these tables are defined through primary and foreign keys to maintain data integrity. SQL operations such as `SELECT`, `INSERT`, `UPDATE`, and `DELETE` are performed dynamically in response to user actions, with indexing and constraints used to optimize query performance and enforce referential integrity.

The database design of the Online Food Ordering System applies key relational database concepts to ensure data consistency, scalability, and efficiency. It follows the principles of normalization by organizing data into related tables such as `users`, `restaurants`, `categories`, `dishes`, and `orders`, thereby minimizing redundancy and promoting data integrity. Primary keys uniquely identify each record, while foreign keys establish logical relationships between entities—for example, linking dishes to restaurants and orders to users. Appropriate data types, default values, and constraints like `NOT NULL` and `AUTO_INCREMENT` are used to enforce accurate and reliable data entry. The use of timestamps enables automatic tracking of creation and updates, supporting auditability. Overall, the design reflects a structured, relational approach that supports efficient data management and easy future expansion of the system.

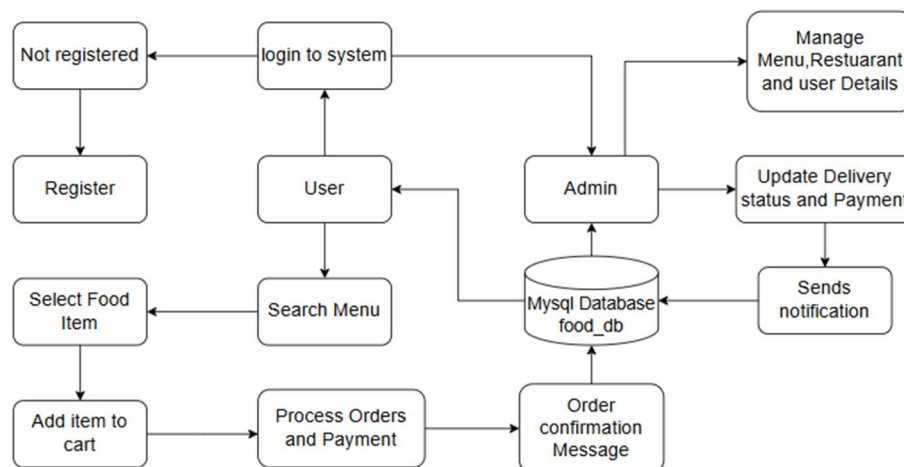
## CHAPTER 2

### PROJECT METHODOLOGY

#### 2.1 PROPOSED WORK

The proposed Food Ordering System addresses inefficiencies in traditional food ordering by offering a streamlined, interactive digital platform for customers and administrators. The system is designed with a user-friendly interface that allows customers to browse menus, select dishes, place orders, and make payments with ease. On the administrative side, the backend dashboard enables admins to manage restaurant profiles, categorize food items, update dish details, view customer orders, and monitor payment statuses. The system architecture ensures secure authentication through encrypted login credentials and provides role-based access control for users and administrators. Order placement is processed in real time, with features such as cart management, order history tracking, and live order status updates. Restaurants and food items are dynamically loaded from the database to provide up-to-date menus. Once an order is placed, the system records the transaction, updates inventory, and logs payment details. Feedback from users can be submitted and stored using the remark feature, enhancing service quality.

#### 2.2 BLOCK DIAGRAM



## CHAPTER 3

### MODULE DESCRIPTION

#### 3.1 DATABASE AND UTILITY SETUP MODULE:

The backbone of the system is a meticulously designed MySQL database schema that supports all core functionalities. Key tables include **users**, storing personal and credential data; **orders**, tracking customer requests; **menu\_items**, cataloging available dishes; **order\_details**, linking orders to specific items; **payments**, recording transaction information; and supporting tables like **categories** and **restaurants** that categorize menu items and establish restaurant associations. The schema follows strict normalization rules to reduce data duplication and improve integrity. Referential integrity is enforced through foreign keys, ensuring that every order detail corresponds to a valid order and menu item, and payments are tied to legitimate transactions. Indexes on frequently queried fields (e.g., `user_id`, `order_id`) enhance performance for read-heavy operations.

#### 3.2 USER MANAGEMENT MODULE:

The User Management ensures secure and efficient handling of user identities and roles within the system. The module supports registration processes where user inputs undergo thorough validation to prevent common security vulnerabilities such as SQL injection or cross-site scripting (XSS). Passwords are stored using strong hashing algorithms (e.g., `bcrypt`) to safeguard against data breaches. Upon login, credentials are verified against stored records, and PHP sessions are initialized to maintain authenticated states. Role-based access control (RBAC) determines user privileges, routing customers to order interfaces and admins to management dashboards. The module also implements session timeout mechanisms and logout functionalities to protect against session hijacking. Persistent session checks prevent unauthorized page access, ensuring users cannot navigate to restricted areas without proper authentication.

### **3.3 MENUS AND NAVIGATION MODULE:**

The menus interface offers a dynamic, user-centric browsing experience by integrating live database connectivity with an intuitive front-end design. Customers can explore the full range of menu items filtered by multiple criteria such as category (e.g., appetizers, mains, desserts), associated restaurant, or price ranges. Search functionality supports keyword queries with instant results. Each menu item includes detailed descriptions, pricing, availability status, and optionally images or nutritional facts, enhancing customer decision-making. The add-to-cart feature is streamlined to allow single-click addition of items, with real-time updates to the cart interface. Menu availability updates instantly based on stock or restaurant hours, minimizing order failures. The navigation design supports both desktop and mobile users, ensuring a consistent, responsive user experience.

### **3.4 CUSTOMER OPERATIONS MODULE:**

The Customer Operations manage the full order lifecycle from item selection to payment confirmation. Customers interact with a shopping cart system that allows adding, modifying quantities, or removing items effortlessly. When placing an order, the system validates cart contents, calculates totals including taxes or discounts, and creates a comprehensive order record in the database. The payment system securely processes transactions, supporting multiple payment methods and ensuring encrypted data transmission. Customers can monitor their order statuses through a real-time tracking system that updates stages such as pending, confirmed, preparing, dispatched, and delivered. Access to order history provides detailed invoices, enabling customers to review past purchases and payment receipts. Automated notifications inform customers of any status changes or issues, promoting transparency and trust throughout the ordering experience.

### **3.5 ADMIN OPERATIONS MODULE:**

Admin Operations provide a comprehensive management suite for platform administrators. Admins can curate the food catalog by adding, updating, or deleting restaurants, categories, and menu items to keep offerings relevant and up-to-date. The order management interface enables admins to view all orders across customers, update statuses manually to reflect accurate progress, and confirm or cancel orders as needed. Payment monitoring tools allow tracking of all transactions for auditing and reconciliation. The admin dashboard aggregates critical operational data, including order volumes, user registrations, active sessions, and payment summaries, presented via charts and reports to aid decision-making. Bulk operation features facilitate efficient handling of large datasets, such as batch approval of orders or mass updates to menu items. Access control mechanisms restrict these powerful functions to authorized personnel only, protecting system integrity and data privacy.



## **CHAPTER 4**

### **CONCLUSION & FUTURE SCOPE**

#### **CONCLUSION**

The **Online Food Ordering System** developed using PHP and MySQL offers a complete digital solution for managing food delivery operations efficiently. It bridges the gap between customers and restaurants by offering a platform that allows users to browse menus, place orders, and make payments with ease. Through secure user management, dynamic menu navigation, and seamless ordering workflows, the system ensures both functional reliability and user convenience. The admin panel provides extensive control for managing food items, categories, orders, and users, promoting smooth backend operations. The modular architecture, structured database design, and user-centric interface make the system robust, scalable, and easy to maintain. Overall, this solution improves order accuracy, reduces manual workload, and enhances the overall experience for both customers and administrators.

#### **FUTURE SCOPE**

The Online Food Ordering System can be further enhanced by incorporating several advanced features to meet growing user demands and market trends. Future development may include the creation of mobile applications for Android and iOS platforms to facilitate convenient access and real-time push notifications. Integrating live order tracking using GPS and map APIs can improve transparency and customer satisfaction. A separate dashboard for restaurant partners can empower them to manage menus and orders independently, while linking with third-party delivery services can streamline logistics. Expanding payment options through gateways like Razorpay, PayPal, and UPI will offer users more secure and flexible transaction methods. Additionally, implementing a review and rating system, promotional discounts, loyalty rewards, multi-language support, and accessibility features can broaden the user base.

## APPENDIX A – SOURCE CODE

```
CREATE TABLE `admin` (  
  
  `adm_id` int NOT NULL AUTO_INCREMENT,  
  
  `username` varchar(222) NOT NULL,  
  
  `password` varchar(222) NOT NULL,  
  
  `email` varchar(222) NOT NULL,  
  
  `code` varchar(222) NOT NULL,  
  
  `date` timestamp NOT NULL DEFAULT CURRENT_TIMESTAMP ON UPDATE  
CURRENT_TIMESTAMP,  
  
  PRIMARY KEY (`adm_id`)  
  
);
```

```
INSERT INTO `admin` (`adm_id`, `username`, `password`, `email`, `code`, `date`)  
VALUES  
  
(1, 'ccbd', '0d89ec971a7bcfe26d68c177a9d53334', 'admin@gmail.com', '', '2023-02-  
22 07:18:13');
```

```
CREATE TABLE `dishes` (  
  
  `d_id` int NOT NULL AUTO_INCREMENT,  
  
  `rs_id` int NOT NULL,  
  
  `title` varchar(222) NOT NULL,
```

```
`slogan` varchar(222) NOT NULL,  
  
`price` decimal(10,2) NOT NULL,  
  
`img` varchar(222) NOT NULL,  
  
PRIMARY KEY (`d_id`)  
  
);
```

```
INSERT INTO `dishes` (`d_id`, `rs_id`, `title`, `slogan`, `price`, `img`) VALUES
```

```
(1, 1, 'Yorkshire Lamb Patties', 'Lamb patties which melt in your mouth, and are  
quick and easy to make. Served hot with a crisp salad.', '14.00', '62908867a48e4.jpg'),
```

```
(2, 1, 'Lobster Thermidor', 'Lobster Thermidor is a French dish of lobster meat  
cooked in a rich wine sauce, stuffed back into a lobster shell, and browned.', '36.00',  
'629089fee52b9.jpg'),
```

```
(3, 4, 'Chicken Madeira', 'Chicken Madeira, like Chicken Marsala, is made with  
chicken, mushrooms, and a special fortified wine. But, the wines are different;',  
'23.00', '62908bdf2f581.jpg'),
```

```
(4, 1, 'Stuffed Jacket Potatoes', 'Deep fry whole potatoes in oil for 8-10 minutes or  
coat each potato with little oil. Mix the onions, garlic, tomatoes and mushrooms. Add  
yoghurt, ginger, garlic, chillies, coriander', '8.00', '62908d393465b.jpg'),
```

```
(5, 2, 'Pink Spaghetti Gamberoni', 'Spaghetti with prawns in a fresh tomato sauce.',  
'21.00', '606d7491a9d13.jpg'),
```

```
(6, 2, 'Cheesy Mashed Potato', 'Deliciously Cheesy Mashed Potato.', '5.00',  
'606d74c416da5.jpg'),
```

```
(7, 2, 'Crispy Chicken Strips', 'Fried chicken strips, served with special honey
```

mustard sauce.', '8.00', '606d74f6ecbbb.jpg'),

(8, 2, 'Lemon Grilled Chicken And Pasta', 'Marinated rosemary grilled chicken breast served with mashed potatoes and your choice of pasta.', '11.00', '606d752a209c3.jpg'),

(9, 3, 'Vegetable Fried Rice', 'Chinese rice wok with cabbage, beans, carrots, and spring onions.', '5.00', '606d7575798fb.jpg'),

(10, 3, 'Prawn Crackers', '12 pieces deep-fried prawn crackers', '7.00', '606d75a7e21ec.jpg'),

(11, 3, 'Spring Rolls', 'Lightly seasoned shredded cabbage, onion and carrots, wrapped in house made spring roll wrappers, deep fried to golden brown.', '6.00', '606d75ce105d0.jpg'),

(12, 3, 'Manchurian Chicken', 'Chicken pieces slow cooked with spring onions in our house made manchurian style sauce.', '11.00', '606d7600dc54c.jpg'),

(13, 4, 'Buffalo Wings', 'Fried chicken wings tossed in spicy Buffalo sauce served with crisp celery sticks and Blue cheese dip.', '11.00', '606d765f69a19.jpg'),

(14, 4, 'Mac N Cheese Bites', 'Served with our traditional spicy queso and marinara sauce.', '9.00', '606d768a1b2a1.jpg'),

(15, 4, 'Signature Potato Twisters', 'Spiral sliced potatoes, topped with spicy queso, Monterey Jack cheese, pico de gallo, sour cream and fresh cilantro.', '6.00', '606d76ad0c0cb.jpg'),

(16, 4, 'Meatballs Penne Pasta', 'Garlic-herb beef meatballs tossed in house-made marinara sauce and penne pasta topped with fresh parsley.', '10.00', '606d76eedbb99.jpg');

```
CREATE TABLE `remark` (  
  
  `id` int NOT NULL AUTO_INCREMENT,  
  
  `frm_id` int NOT NULL,  
  
  `status` varchar(255) NOT NULL,  
  
  `remark` mediumtext NOT NULL,  
  
  `remarkDate` timestamp NOT NULL DEFAULT CURRENT_TIMESTAMP,  
  
  PRIMARY KEY (`id`)  
  
);
```

```
CREATE TABLE `restaurant` (  
  
  `rs_id` int NOT NULL AUTO_INCREMENT,  
  
  `c_id` int NOT NULL,  
  
  `title` varchar(222) NOT NULL,  
  
  `email` varchar(222) NOT NULL,  
  
  `phone` varchar(222) NOT NULL,  
  
  `url` varchar(222) NOT NULL,  
  
  `o_hr` varchar(222) NOT NULL,  
  
  `c_hr` varchar(222) NOT NULL,  
  
  `o_days` varchar(222) NOT NULL,  
  
  `address` text NOT NULL,
```

```

`image` text NOT NULL,

`date` timestamp NOT NULL DEFAULT CURRENT_TIMESTAMP ON UPDATE
CURRENT_TIMESTAMP,

PRIMARY KEY (`rs_id`)

);

```

```

INSERT INTO `restaurant` (`rs_id`, `c_id`, `title`, `email`, `phone`, `url`, `o_hr`,
`c_hr`, `o_days`, `address`, `image`, `date`) VALUES

```

```

(1, 1, 'North Street Tavern', 'nthavern@mail.com', '3547854700',
'www.northstreettavern.com', '8am', '8pm', 'mon-sat', '1128 North St, White Plains',
'6290877b473ce.jpg', '2022-05-27 08:10:35'),

```

```

(2, 2, 'Eataly', 'eataly@gmail.com', '0557426406', 'www.eataly.com', '11am', '9pm',
'Mon-Sat', '800 Boylston St, Boston', '606d720b5fc71.jpg', '2022-05-27 08:06:41'),

```

```

(3, 3, 'Nan Xiang Xiao Long Bao', 'nanxiangbao45@mail.com', '1458745855',
'www.nanxiangbao45.com', '9am', '8pm', 'mon-sat', 'Queens, New York',
'6290860e72d1e.jpg', '2022-05-27 08:04:30'),

```

```

(4, 4, 'Highlands Bar & Grill', 'hbg@mail.com', '6545687458', 'www.hbg.com', '7am',
'8pm', 'mon-sat', '812 Walter Street', '6290af6f81887.jpg', '2022-05-27 11:01:03');

```

```

CREATE TABLE `res_category` (

```

```

`c_id` int NOT NULL AUTO_INCREMENT,

```

```

`c_name` varchar(222) NOT NULL,

```

```

`date` timestamp NOT NULL DEFAULT CURRENT_TIMESTAMP ON UPDATE

```

CURRENT\_TIMESTAMP,

PRIMARY KEY (`c\_id`)

);

INSERT INTO `res\_category` (`c\_id`, `c\_name`, `date`) VALUES

(1, 'Continental', '2022-05-27 08:07:35'),

(2, 'Italian', '2021-04-07 08:45:23'),

(3, 'Chinese', '2021-04-07 08:45:25'),

(4, 'American', '2021-04-07 08:45:28');

CREATE TABLE `users` (

`u\_id` int NOT NULL AUTO\_INCREMENT,

`username` varchar(222) NOT NULL,

`f\_name` varchar(222) NOT NULL,

`l\_name` varchar(222) NOT NULL,

`email` varchar(222) NOT NULL,

`phone` varchar(222) NOT NULL,

`password` varchar(222) NOT NULL,

`address` text NOT NULL,

`status` int NOT NULL DEFAULT '1',

`date` timestamp NOT NULL DEFAULT CURRENT\_TIMESTAMP ON UPDATE

CURRENT\_TIMESTAMP,

PRIMARY KEY (`u\_id`)

);

CREATE TABLE `users\_orders` (

`o\_id` int NOT NULL AUTO\_INCREMENT,

`u\_id` int NOT NULL,

`title` varchar(222) NOT NULL,

`quantity` int NOT NULL,

`price` decimal(10,2) NOT NULL,

`status` varchar(222) DEFAULT NULL,

`date` timestamp NOT NULL DEFAULT CURRENT\_TIMESTAMP ON UPDATE  
CURRENT\_TIMESTAMP,

PRIMARY KEY (`o\_id`)

);INSERT INTO `users` (`u\_id`, `username`, `f\_name`, `l\_name`, `email`, `phone`,  
`password`, `address`, `status`, `date`) VALUES

(1, 'john\_doe', 'John', 'Doe', 'john.doe@example.com', '1234567890',  
'5f4dcc3b5aa765d61d8327deb882cf99', '123 Elm Street, Springfield', 1, '2023-05-01  
12:00:00'),

(2, 'jane\_smith', 'Jane', 'Smith', 'jane.smith@example.com', '0987654321',  
'e99a18c428cb38d5f260853678922e03', '456 Oak Avenue, Metropolis', 1, '2023-05-02  
15:30:00'),



```
(3, 'alice_jones', 'Alice', 'Jones', 'alice.jones@example.com', '5551234567',  
'202cb962ac59075b964b07152d234b70', '789 Pine Road, Gotham', 1, '2023-05-03  
09:45:00');
```

```
INSERT INTO `users_orders` (`o_id`, `u_id`, `title`, `quantity`, `price`, `status`,  
`date`) VALUES
```

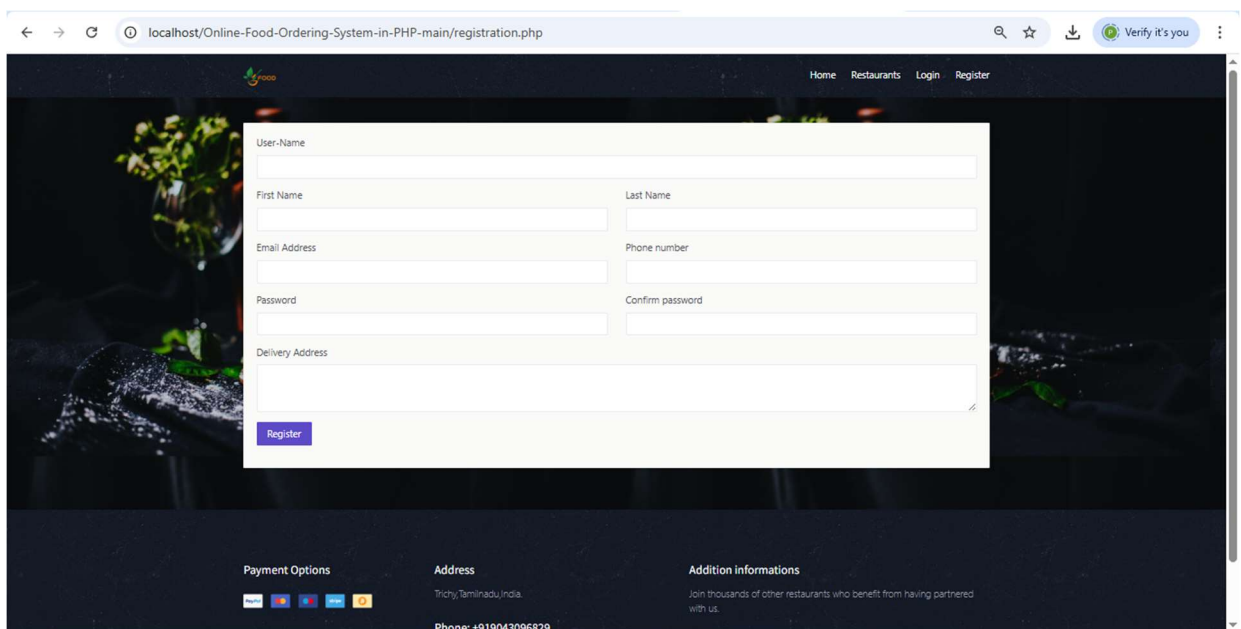
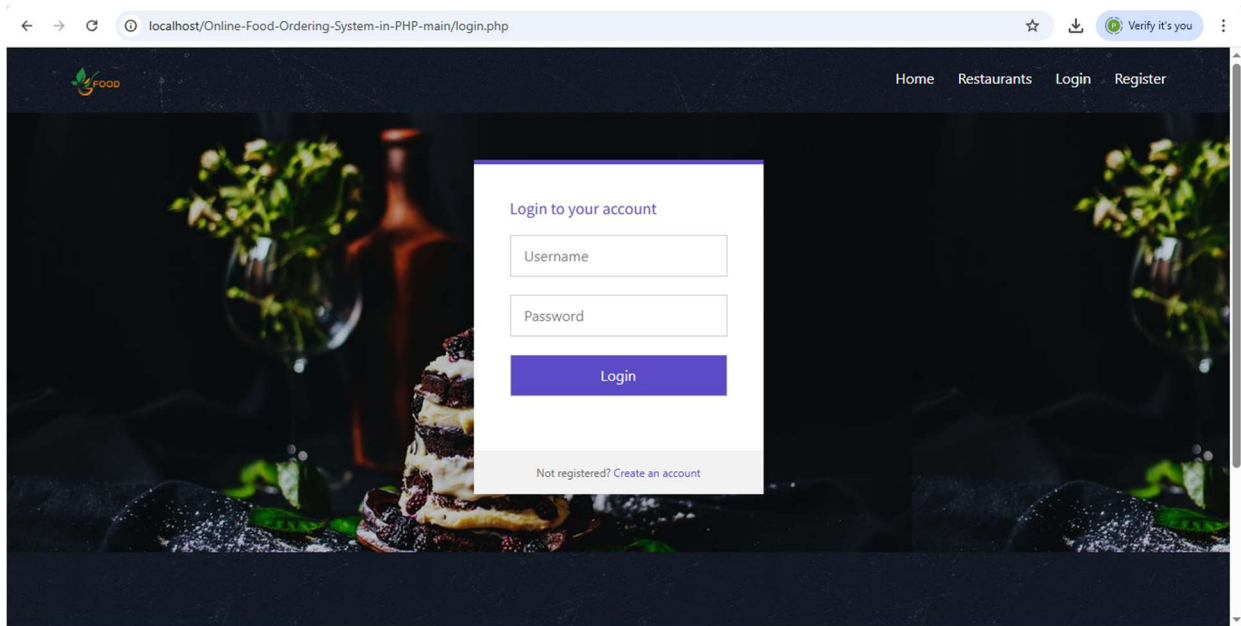
```
(1, 1, 'Yorkshire Lamb Patties', 2, 28.00, 'Pending', '2023-05-10 13:20:00'),
```

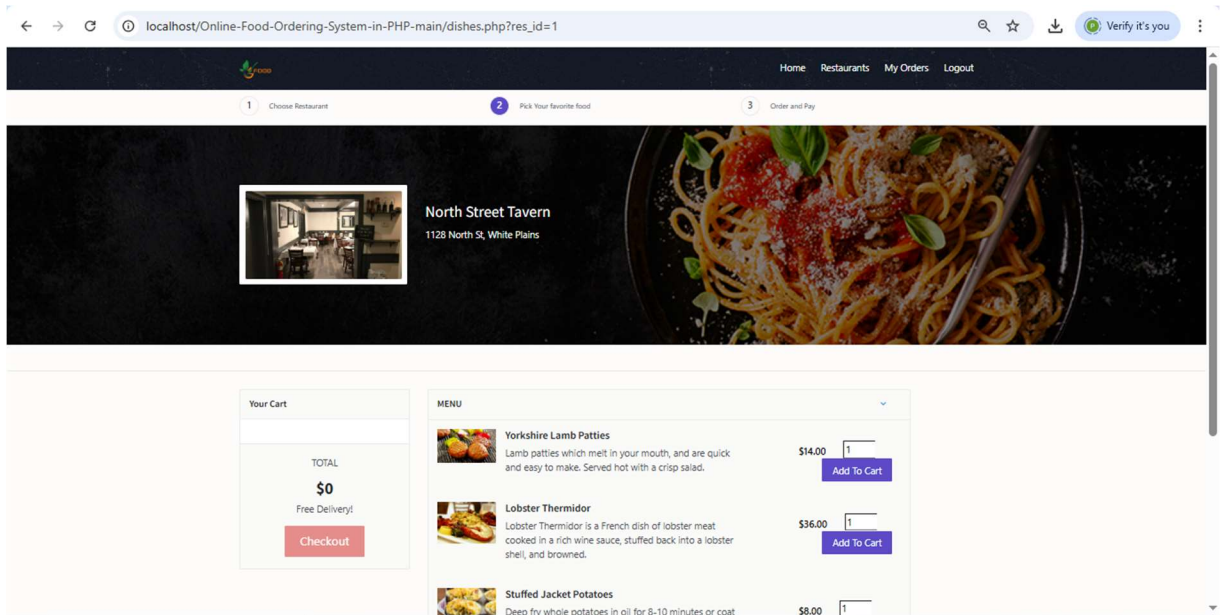
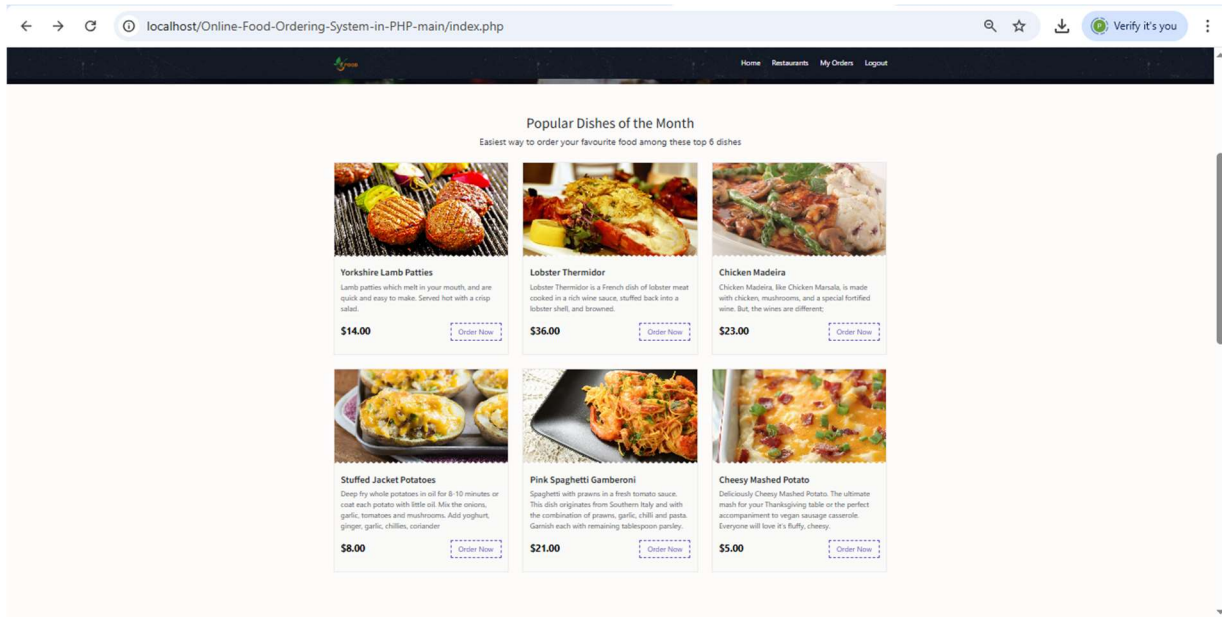
```
(2, 2, 'Lobster Thermidor', 1, 36.00, 'Confirmed', '2023-05-11 18:45:00'),
```


```
(3, 1, 'Spring Rolls', 3, 18.00, 'Delivered', '2023-05-12 12:00:00'),
```


```
(4, 3, 'Mac N Cheese Bites', 1, 9.00, 'Pending', '2023-05-13 14:15:00');
```




## APPENDIX B – SCREENSHOTS







[Home](#)
[Restaurants](#)
[My Orders](#)
[Logout](#)




Item	Quantity	Price	Status	Date	Action
Yorkshire Lamb Patties	1	\$14.00	<span>Delivered</span>	2025-05-24 13:50:22	
Lobster Thermidor	1	\$36.00	<span>Dispatch</span>	2025-05-24 13:47:58	
Stuffed Jacket Potatoes	1	\$8.00	<span>Dispatch</span>	2025-05-24 13:47:58	

**Payment Options**


**Address**  
Trichy, Tamilnadu, India.  
  
Phone: +919043096829


**Addition informations**  
Join thousands of other restaurants who benefit from having partnered with us.


[Home](#)
[Restaurants](#)
[My Orders](#)
[Logout](#)


1 Choose Restaurant
2 Pick Your favorite food
3 **Order and Pay**

**Cart Summary**

Cart Subtotal	\$14
Delivery Charges	Free
<b>Total</b>	<b>\$14</b>

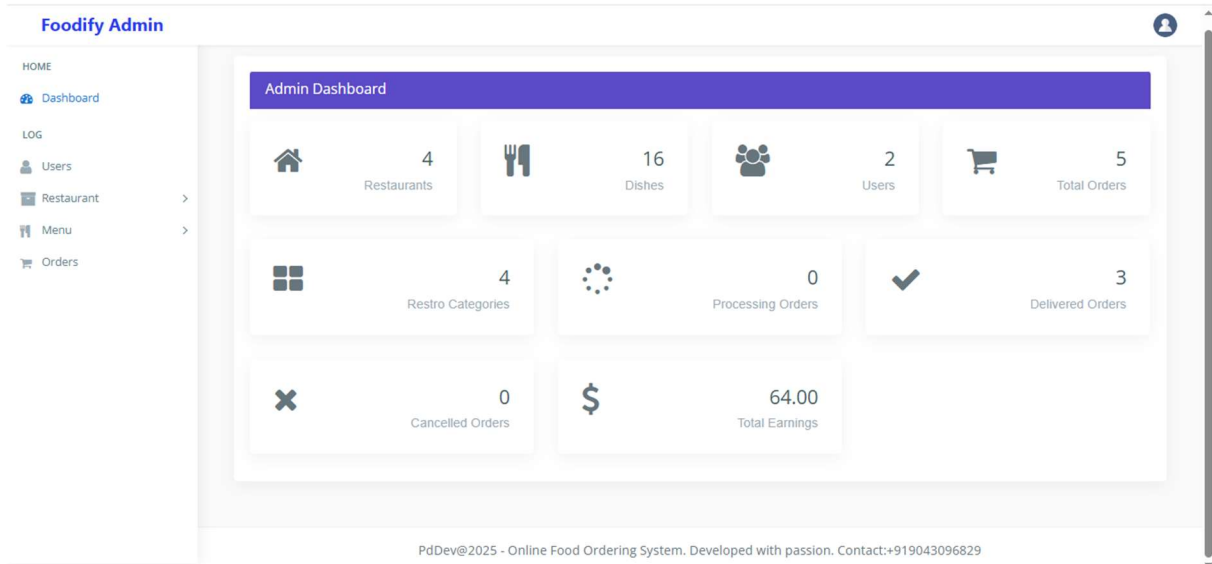
☒ Cash on Delivery
☐ Paypal


Order Now

**Payment Options**


**Address**  
Trichy, Tamilnadu, India.  
  
Phone: +919043096829

**Addition informations**  
Join thousands of other restaurants who benefit from having partnered with us.


















**Foodify Admin**

HOME

- Dashboard
- LOG
  - Users
  - Restaurant
  - Menu
    - All Menues
    - Add Menu
  - Orders

**All Menu**




Restaurant	Dish	Description	Price	Image	Action
Highlands Bar & Grill	Meatballs Penne Pasta	Garlic-herb beef meatballs tossed in our house-made marinara sauce and penne pasta topped with fresh parsley.	\$10.00		 
Highlands Bar & Grill	Signature Potato Twisters	Spiral sliced potatoes, topped with our traditional spicy queso, Monterey Jack cheese, pico de gallo, sour cream and fresh cilantro.	\$6.00		 
Highlands Bar & Grill	Mac N Cheese Bites	Served with our traditional spicy queso and marinara sauce.	\$9.00		 
Highlands Bar & Grill	Buffalo Wings	Fried chicken wings tossed in spicy Buffalo sauce served with crisp celery sticks and Blue cheese dip.	\$11.00		 
Nan Xiang Xiao Long Bao	Manchurian Chicken	Chicken pieces slow cooked with spring onions in our house made manchurian style sauce.	\$11.00		 

**Foodify Admin**

HOME

- Dashboard
- LOG
  - Users
  - Restaurants
    - All Restaurant
    - Add Category
    - Add Restaurant
  - Menu
  - Orders

**All Restaurant**

Category	Name	Email	Phone	Url	Open Hrs	Close Hrs	Open Days	Address	Image
American	Highlands Bar & Grill	hbg@mail.com	6545687458	www.hbg.com	7am	8pm	mon-sat	812 Walter Street	
Chinese	Nan Xiang Xiao Long Bao	nanxiangbao45@mail.com	1458745855	www.nanxiangbao45.com	9am	8pm	mon-sat	Queens, New York	
Italian	Eataly	eataly@gmail.com	0557426406	www.eataly.com	11am	9pm	Mon-Sat	800 Boylston St, Boston	

## REFERENCES

### Books & Manuals

#### PHP & MySQL

Ullman, Larry. *PHP and MySQL for Dynamic Web Sites: Visual QuickPro Guide*. 5th ed., Peachpit Press, 2017.

ISBN: 9780134301846

#### HTML & CSS

Duckett, Jon. *HTML and CSS: Design and Build Websites*. Wiley, 2011.

ISBN: 9781118008188

#### Web Development Fundamentals

Nixon, Robin. *Learning PHP, MySQL & JavaScript: With jQuery, CSS & HTML5*. 5th ed., O'Reilly Media, 2018.

ISBN: 9781491978917

### Online Documentation

#### PHP Manual

<https://www.php.net/manual/en/>

The official and comprehensive guide to PHP syntax, functions, and best practices.

#### MySQL Documentation

<https://dev.mysql.com/doc/>

In-depth information about MySQL queries, tables, and administration.

#### W3Schools

<https://www.w3schools.com/>

Beginner-friendly tutorials on HTML, CSS, PHP, and JavaScript.

#### MDN Web Docs (by Mozilla)

<https://developer.mozilla.org/en-US/>

Detailed reference for HTML, CSS, and JavaScript.