

**PONDICHERRY UNIVERSITY**  
*(A Central University)*



**SCHOOL OF ENGINEERING AND TECHNOLOGY**

**DEPARTMENT OF COMPUTER SCIENCE**

**Master of Computer Applications**

**Final Project Report**

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PROJECT NAME : ONLINE FOOD ORDERING SYSTEM  
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ORGANIZATION : PTDC  
DATE : 02/05/2019

## **BONAFIDE CERTIFICATE**

This is to certify that, this Project work entitled "**Online Food Ordering System**" is a bonafide record of work done by **Mr. Chandan Kumar** (Reg.Number 16352063) in partial fulfillment for the degree of **Master of Computer Applications of Pondicherry University**.

This work has not been submitted elsewhere for the award of any other degree to the best of our knowledge.

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## Acknowledgements

The satisfaction and euphoria that accompany the successful completion of any task would be incomplete without the mention of the people who made it possible, whose constant guidance and encouragement had made our effort a success.

I would like to express my sincere and profound gratitude to **MS M. SATHYA** our supervisor whose valued guidance, knowledge, encouragement, enthusiasm, and support enabled me to do extensive work, without which this project would have been far less comprehensive.

I am extremely grateful to **Dr. T. Chithralekha** Head of the Department of Computer Science for her continuous support and to other faculties in the department who provided me valuable suggestion which accounted for the completion of the project in the provided time.

I am highly indebted to my project mentor **Mr.D.Bhaskaran** Manager of PTDC, for giving me an opportunity to work on this project. He has been a true mentor, motivator and most importantly a remarkable source of inspiration.

I would like to express my profound reverence for the faculties of this department who provided me a platform to learn various things and giving me the courage to try different things and go forward with the ideas I had.

Last but definitely not the least, I would like to extend my gratitude to my parents who stood by me and supported me in all the circumstances.

**Chandan Kumar**

**16352063**

## **Synopsis**

The online food ordering system gives restaurants the ability to increase sales and expand their business by giving customers the facility to order food online. Thus it is a simple, fast and convenient food ordering system giving an edge over the competition at an affordable price.

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## **1. Introduction**

### **Online Food Ordering System**

**Abstract:** This Project Provide by Pondicherry Tourism Development Corporation Limited (PTDC).And Working Place is Le Café.

The online food ordering system provides convenience for the customers. It overcomes the disadvantages of the traditional queuing system. This system increases the takeaway of foods than visitors. Therefore, this system enhances the speed and standardization of taking the order from the customer. It provides a better communication platform. the user's details are noted electronically. The online food ordering system set up menu online and the customers easily places the order with a simple mouse click. Also with a food menu online you can easily track the orders, maintain customer's database and improve your food delivery service. This system allows the user to select the desired food items from the displayed menu. The user orders the food items. The payment can be made online or pay-on-delivery system. The user's details are maintained confidential because it maintains a separate account for each user. An id and password is provided for each user. Therefore it provides a more secured ordering

#### **Existing System:**

In existing system for giving any orders users should visit hotels or restaurants to know about food items and them give order and pay advance. In this method time and manual work is required. Maintaining critical information in the files and manuals is full of risk and a tedious process.

#### **Proposed System:**

This online application enables the end users to register online, select the food from the e-menu card, read the E-menu card and order food online. By just selecting the food that the user want to have. The results after selecting the food from the E-menu card will directly appear in the screen near the Chef who is going to cook the food for you. By using this application the work of the Waiter is reduced and we can also say that the work is nullified. The benefit of this is that if there is rush in the Restaurant then there will be chances that the waiters will be unavailable and the users can directly order the food to the chef online by using this application. The user will be given a username and a password to login.

## **1.1. About The Organization**

### **Formation of the Corporation**

- PTDC Incorporated on 19<sup>th</sup> Feb 1986.
- In Dec'1992 the nomenclature was changes to PT&DC due to the inclusion of transport service.
- From 01-04-2005, de-merged as a separate Corporation- PTDC.

### **Main Objectives**

- To provide services to tourists and travellers in all forms.
- To take over, develop and manage places of touristic interest in the Union Territory of to attract tourists in large numbers.
- To carry on the business of running Hotels & Restaurant.

## **1.2. About The Project**

This Project Developing in Web Application. The Main Purpose of this Project Customer can be see all Menu and Select any food and order online and payment by Online. The Main Goals of a Online food Order to ensure customer satisfaction. Manual listing of orders by the waiters/waitresses may result to slow response in customer service. Hence, if the restaurant uses the proposed system, manipulation of orders to the customers be so easy and quick by just touching on the tablet and choosing the desired menu.

### **Project Description:**

The online food ordering system set up menu online and the customers easily places the order with a simple mouse click. Also with a food menu online you can easily track the orders, maintain customer's database and improve your food delivery service. This system allows the user to select the desired food items from the displayed menu. The user orders the food items. The payment can be made online or pay-on-delivery system. The user's details are maintained confidential because it maintains a separate account for each user. An id and password is provided for each user. Therefore it provides a more secured ordering.

Online ordering system that I am proposing here, greatly simplifies the ordering process for both the customer and the restaurant. System presents an interactive and up-to-date menu with all available options in an easy to use manner. Customer can choose one or more items to place an order which will land in the Cart. Customer can view all the order details in the cart before checking out. At the end, customer gets order confirmation details. Once the order is placed it is entered in the database and retrieved in pretty much real time. This allows Restaurant Employees to quickly go through the orders as they are received and process all orders efficiently and effectively with minimal delays and confusion

### **The features of this system are the following:**

- Order product online
- Add, edit, delete product
- Manage online order
- The system will help to reduce labour cost involved.

- Payment Through Online and Cash on Delivery
- And Many More

### **1.3. Plan of the Report**

#### **1. DECEMBER**

<b>WEEKS</b>	<b>WORK DONE</b>
WEEK 1	Decided area of Project with respective Guide.
WEEK 2	Share idea and thoughts with guide and took guidance from him.
WEEK 3	Collected Information from available resources and researched on it.
WEEK 4	Finalized topic and tools which will be used in project

## **2. JANUARY**

<b>WEEKS</b>	<b>WORK DONE</b>
WEEK 1	Getting the requirements and information gathering
WEEK 2	Started designing the modules of the project
WEEK 3	Implementation
WEEK 4	Testing and Integration of application

## **3. FEBRUARY**

<b>WEEKS</b>	<b>WORK DONE</b>
WEEK 1	Run the Test-Cases on the application
WEEK 2	Analysis and Designing The Portal
Week 3	Implementation
WEEK4	55% work is done.

#### **4. MARCH**

<b>WEEKS</b>	<b>WORK DONE</b>
WEEK 1	Run the Test-Cases on the application
WEEK 2	Analysis and Designing The Portal
WEEK 3	Implementation
WEEK 4	80 % Work is Done.

#### **5. APRIL**

<b>WEEKS</b>	<b>WORK DONE</b>
WEEK 1	Completed the project with Optimized Application
WEEK 2	Run all the Test cases and makes log of the test cases
WEEK 3	Documentation of the application
WEEK 4	Report of the project.

## **2. Problem Definition and Feasibility analysis**

### **Problem Definition:**

The online food ordering system sets up a food menu online and customers can easily place the order as per they like. Also, the online customers can easily track their orders. The management maintains customer's database, and improve food delivery service. This system also provides a feedback system in which user can rate the food items. Also, the proposed system can recommend hotels, food, based on the ratings given by the user, the hotel staff will be informed for the improvements along with the quality. The payment can be made online or cash or pay-on-delivery system. For more secured ordering separate accounts are maintained for each user by providing them an ID and a password.

#### ➤ Four More Common Problem with Online Ordering

- Confusing Menu**

When hungry customers want to order online, they don't want to spend their time navigating a complicated menu that doesn't allow them to easily modify or add to their food selection. For example, online pizza ordering sites should have separate sections for the crust and all of its options, like seasoning, thick or thin, stuffed, a section for the sauce, a section for the cheese, and a section for all of the other toppings.

- Timeliness**

Once an order has been placed online, it needs to pass through several landing spots. The order needs to get to the restaurant, into the kitchen, and into the point-of-sale program. Once that's been done, the food needs to be made and then prepared for delivery, which includes bagging the food, including any utensils or condiments, and checking to make sure all of the components have been placed in the bag. The employee responsible for deliveries usually has several deliveries at once, so all of the bags and orders need to be placed in warming bags to keep hot foods hot, and then delivered to the customer who ordered.

- **Server Capabilities**

It's vital for restaurants taking online orders to ensure they have the infrastructure in place to handle large volumes of online orders. A high-profile marketing campaign, as well as increased exposure, can lead to a large number of online orders being placed, which can tax a system not designed to handle such capacity. As a result, customers will be left with re-direct pages, timed-out messages, and blank web pages, and you'll probably be getting phone calls that hint of frustration while trying to order.

- **Accessibility**

With such a sharp increase in the number of customers ordering from apps and smartphones, having an online ordering system that isn't mobile-friendly could cause a problem in your overall sales. Monitor your analytics to see how customers are accessing your Web page and online ordering system.

## **Feasibility Analysis:**

Feasibility analysis is the process of confirming that a strategy, plan or design is possible and makes sense. This can be used to validate assumptions, constraints, decisions, approaches and business cases. This section depicts the most important stages of the initial investigation carried out as part of the life cycle of the project which can face certain shortcomings.

A feasibility study tests the viability of an idea, a project or even a new business. The goal of a feasibility study is to emphasize potential problems that could occur if one pursues a project and determine if, after considering all significant factors, the project is a good idea. Feasibility studies also allow a business to address where and how it will operate, potential obstacles, competition and the funding needed to get the business up and running.

## **Importance of Feasibility Studies:**

**Operational Feasibility:** - Operational feasibility is the measure of how well the project will support the customer and the service provider during the operational phase. It answers the Question, "Is the project feasible to operate or not?

**Technical Feasibility:** - It measures the feasibility of the particular technical solution and the availability of technical resource and expertise. Technical feasibility looks at that is practical and reasonable. It mainly addresses their major issues.

- Is the proposed technology or solution practical?
- Do we currently possess the necessary technology and technical expertise?

**Schedule Feasibility:** - It is the measure of how reasonable the project time table is or the deadline is reasonable or not. During the lack of time or the time become mandatory, we must finish the project within a given time period. It mainly addresses

- Can the project really be completed in the given period of time?

**Economic Feasibility:** - It is the measure of the cost-effectiveness of a project, which is often called cost-benefit analysis. As long as the end-users requirements and alternative technical solution have been identified, we can identify the raw cost weight and benefit of each alternative.

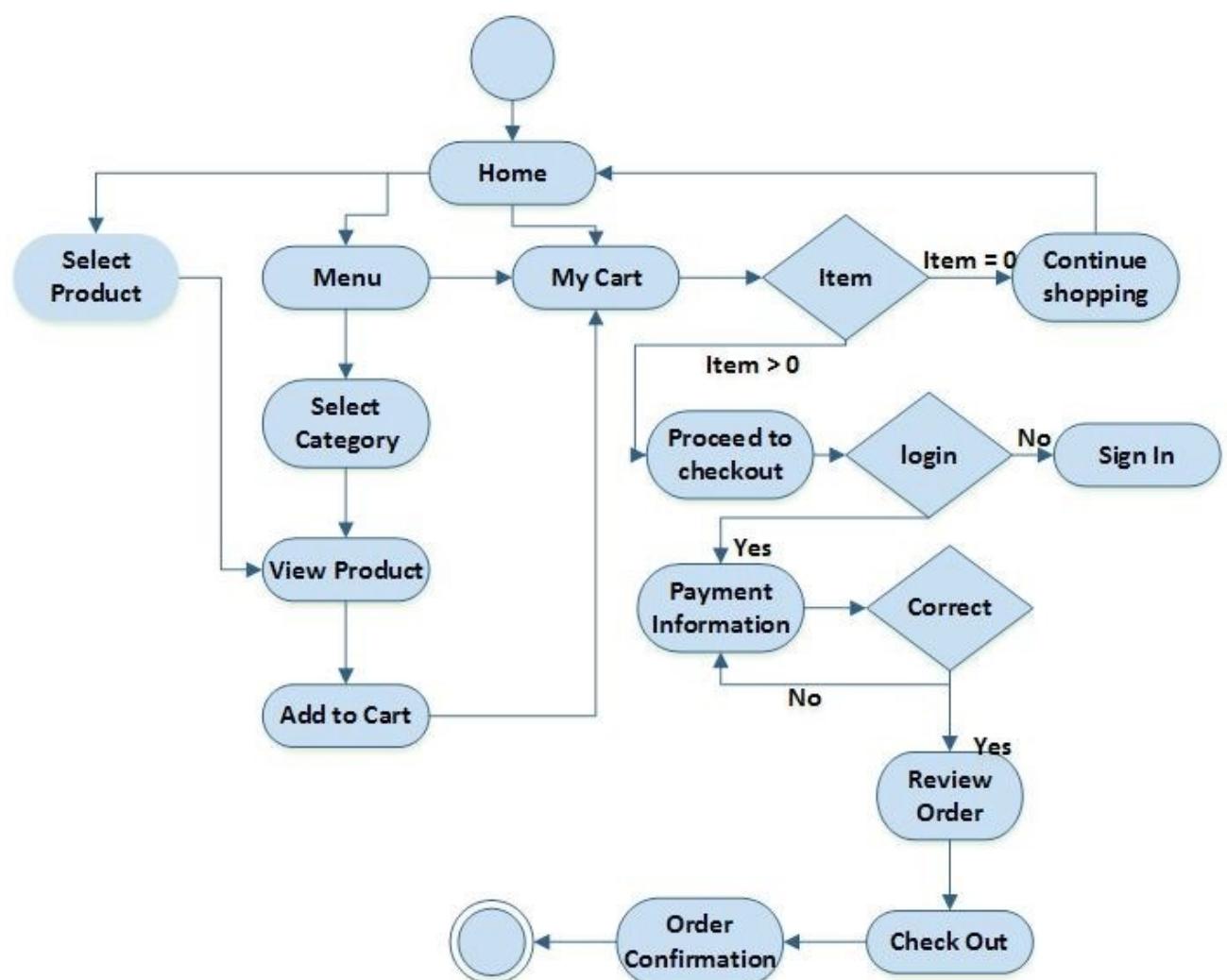
During the development of online food Ordering system, we have tried to address all these feasibility analysis phases seriously. That's why we think, our project will succeed properly.

### 3. Software requirements and Specification

#### 3.1. Functional Requirement Specifications:

##### Activity Diagram:

This section lists the activity diagram and describes the flow of the activities in the system. A details descriptions is then given after the figure for each activity. Figure provides the overview of the activity of the Online Food Ordering System Application.



### **3.2. Non Functional Specifications:**

All of the application data is stored in a MySQL Database, and therefore a MySQL Database must also be installed on the host computer. As with Apache, this software is freely available and can be installed and run under most operating systems.

This server hardware can be any computer capable of running both the web and database servers and handling the expected traffic. For a small scale restaurant that is not expecting to see much web traffic, likely be necessary to upgrade to a dedicated host to ensure proper performance. The exact cutoffs will need to be determined through a more thorough stress of the system.

#### **Constraints**

- **Hardware Limitations:** The minimum hardware requirement for the system is 128 MB of RAM and a 60MB hard-disc drive.
- **Others:** The application should be built using PHP AND JavaScript in HTML, and it should, initially, be accessible through the Sublime Text Editor and Chrome later published on a server.

### **4. System Design**

System design is the process or art of defining the architecture, components, modules, interfaces, and data for a system to satisfy specified requirements. System design contains logical design and physical design; logical designing describes the structure and characteristics or features, like output, input, files, database and procedures. The physical design, which follows the logical design, describes actual software and a working system.

#### **Details Module Description:**

##### **Requirement Analysis:**

##### **Login/Register:**

As mentioned above, user can simply login and register on the system to identify their presence and for security purposes too.

## **Modify/Update Menu:**

Admin users can update and modify the menu details on the dashboard as well as in the order section. The update section provides three columns that can be modified. Name, price and availability.

## **Customer Order:**

As an ordering system, customer can order their food online using their phones or laptops. They pick up certain food, certain quantity and place their order by providing valid details for order. Customer can also choose cash on delivery or credit.

## **View Orders and Menus:**

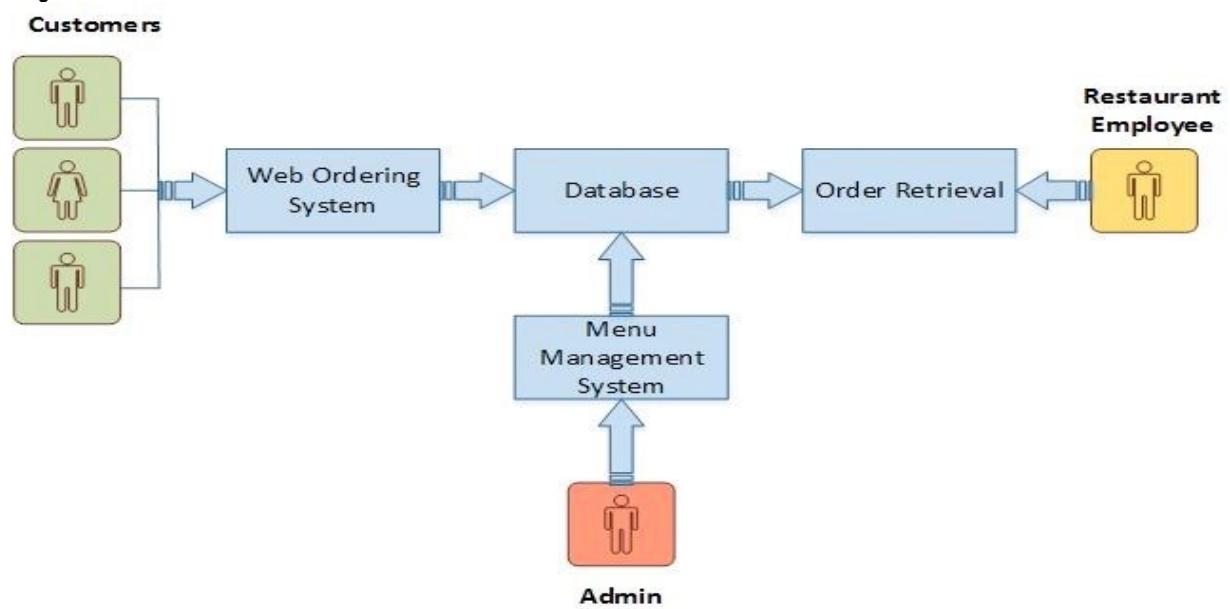
The system allows user to display all the menus information and order placed by customer. The order status can also be cancelled, waiting to be delivered and delivered.

## **Manager Module**

This Functionality provided:

- Create product categories and functionalities,
- Edit / delete product categories and descriptions,
- View and manage orders and sales report,

## **System Model:**



## **The structure of the system can be divided into 3 main logical components:**

Web Ordering System- provides the functionality for customers to place their order and supply necessary details.

Menu Management-allows the restaurant to control what can be ordered by the customers.

Order Retrieval System-This is a final logical component. Allows restaurant to keep track of all orders placed. This component takes care of order retrieving and displaying order information.

## **Product Function:**

The Online Food Order System application would have the following basic functions:

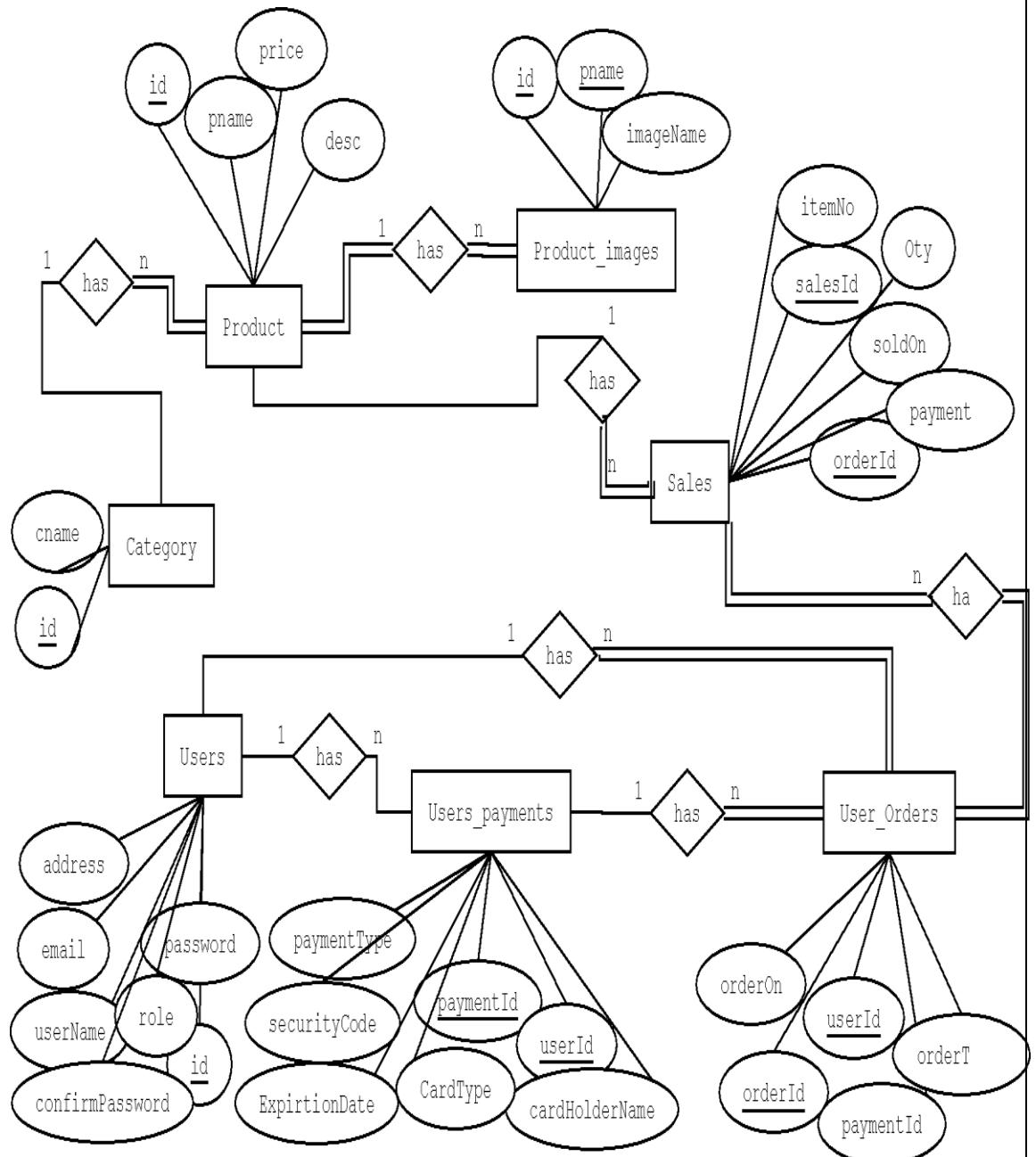
### **Web Ordering System Module**

This module provides the functionality for customers to place their order and supply necessary details. Users of the system, namely restaurant customers, must be provided the following functionality:

- Create an account
- Manage their account
- Log in the system
- Navigate the restaurant menu.
- Select an item from the menu
- Add an item to their current order
- Review their current order
- Remove an item/remove all items from their current order.
- Provide payment details.
- Place an order.
- Receive confirmation in the form of an order number.
- View order place.

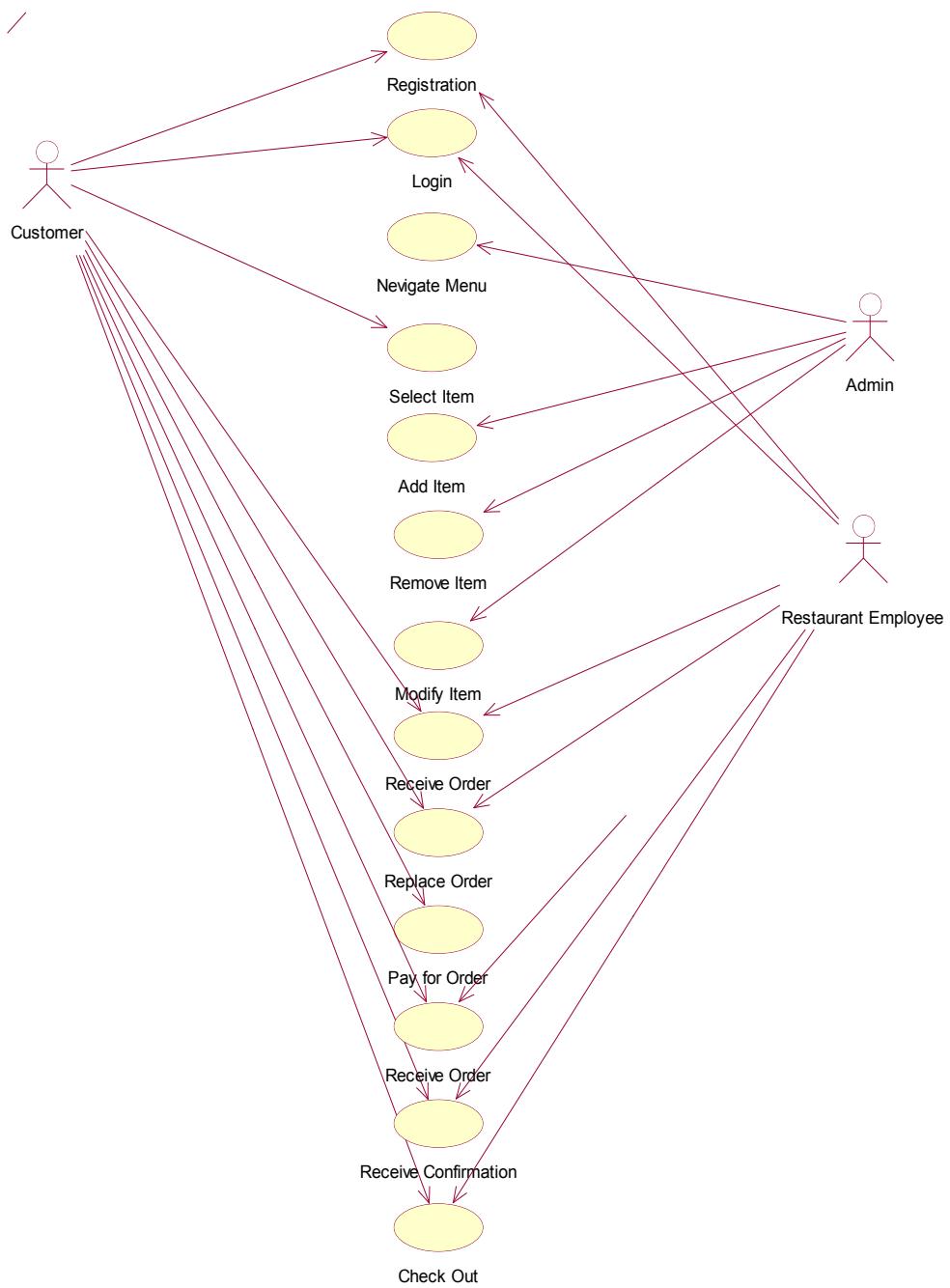
## ➤ ER-DIAGRAM

An entity relationship diagram shows the relationships of entity sets stored in a database. An entity in this context is an object, a component of data. An entity set is a collection of similar entities. These entities can have attributes that define its properties.



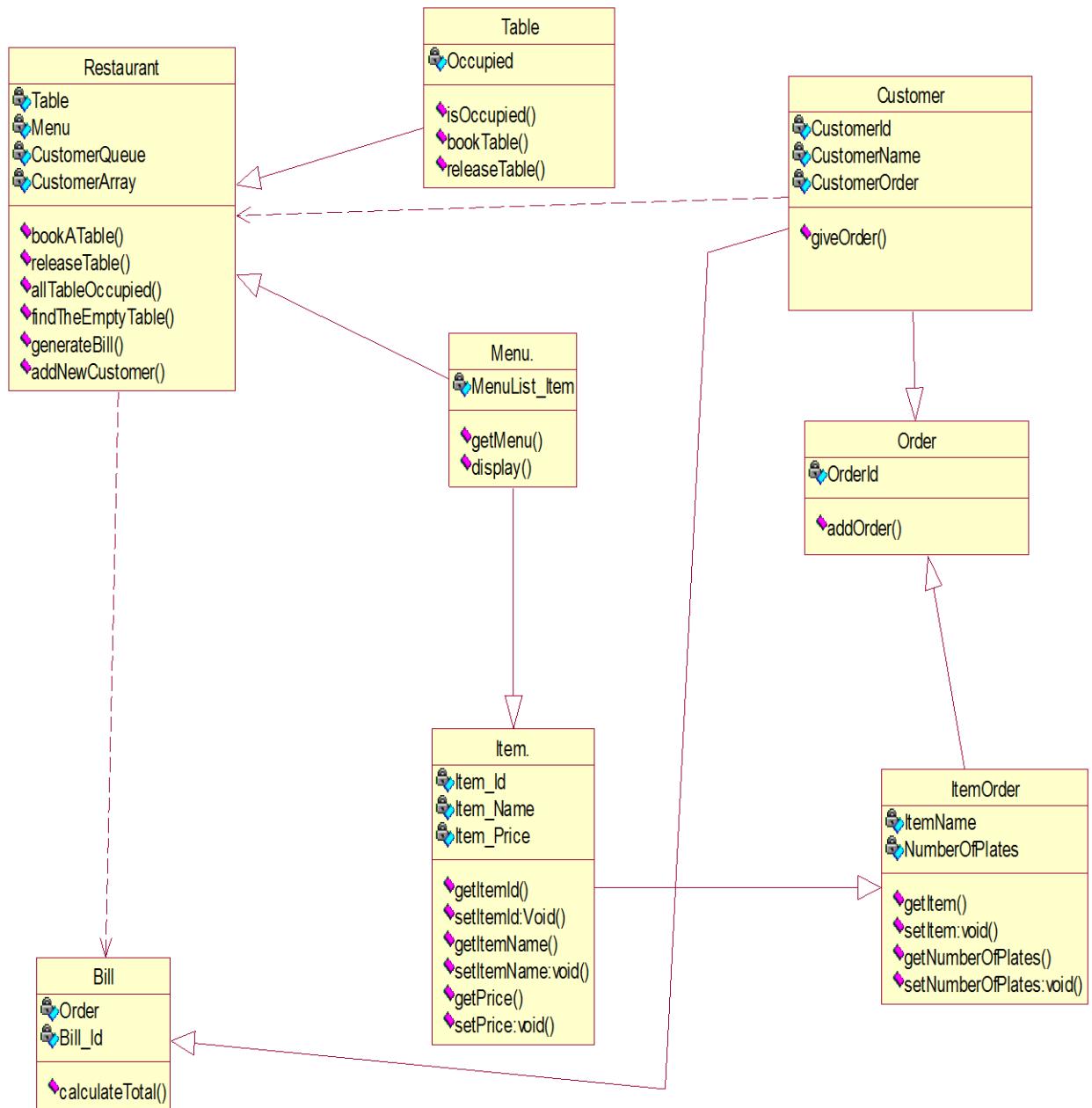
## ➤ Use case Diagram:-

A use case diagram captures the functional aspects of a system. A use case is a set of scenarios that describes an interaction between a user and a system. A use case diagram displays the relationship among actors and use cases. Use cases are used during the analysis phase of a project to identify and partition system functionality.



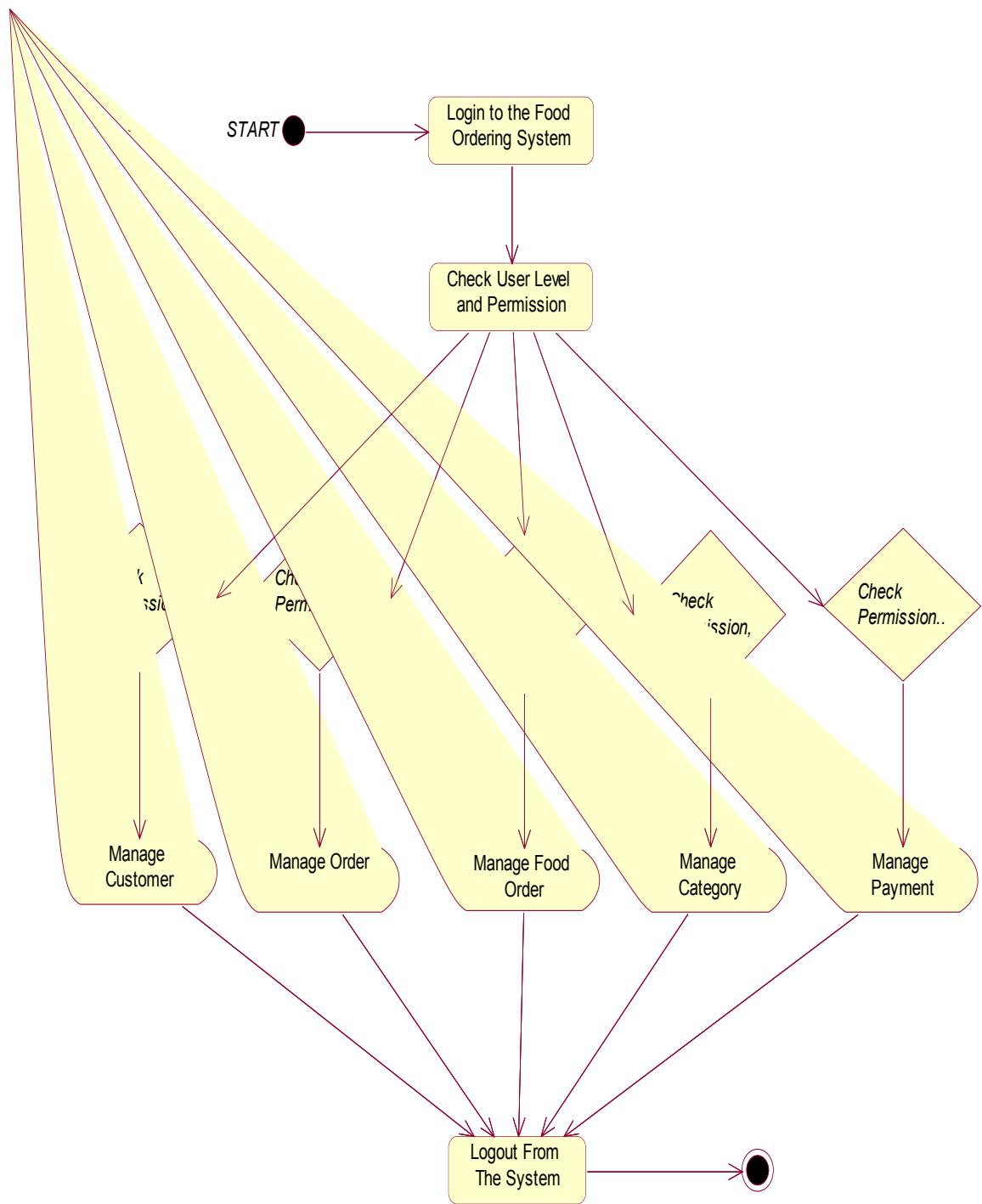
## ➤ Class Diagram:

Class diagram is a static diagram. It represents the static view of an application. Class diagram is not only used for visualizing, describing, and documenting different aspects of a system but also for constructing executable code of the software application.



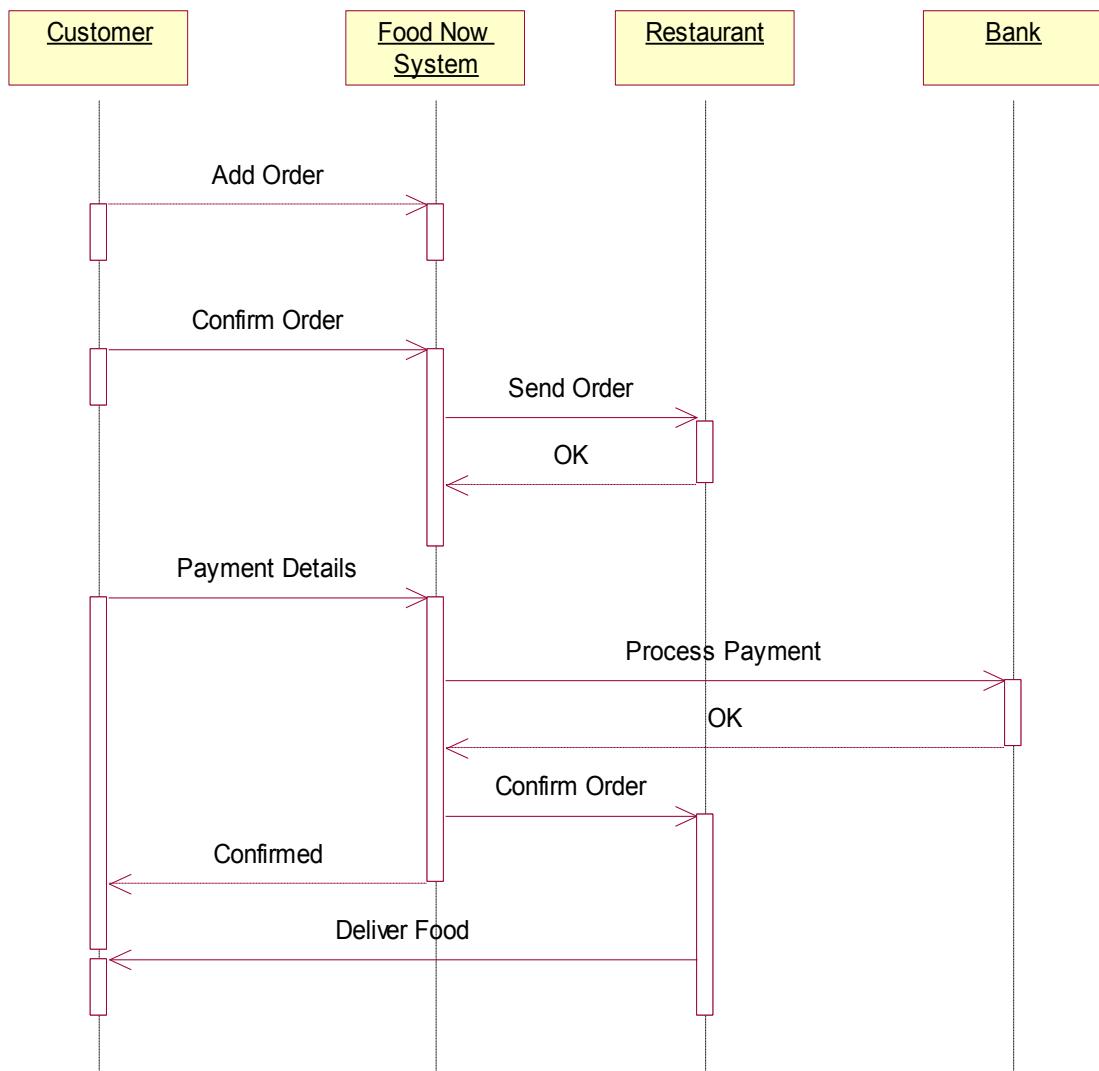
## ➤ Activity Diagram.

Activity diagram is basically a flowchart to represent the flow from one activity to another activity. The activity can be described as an operation of the system. The control flow is drawn from one operation to another.



## ➤ Sequence Diagram

Sequence Diagrams are time focus and they show the order of the interaction visually by using the vertical axis of the diagram to represent time what messages are sent and when.



## **5. System Implementation and Testing**

Online food ordering system for the customer is our proposed system. The food order taking methods from customer are improved by our system application. A Food Menu is set up online and as per their wish customers can simply place their order through the proposed system.

### **Software and Hardware Requirement:-**

#### **Software requirement:**

<b>Name of the component</b>	<b>Specification</b>
1.Operating system	Window 8.1
2.Language	JAVASCRIPT & PHP
3.BROWSER	Any of Mozilla, Chrome, Opera etc.
4.Web server	XAMP SERVER
5.DATABASE	MYSQL
6.TEXT EDITOR	SUBLIME TEXT3

#### **Hardware Requirement:**

<b>Name of the component</b>	<b>Specification</b>
Processor	Intel(R) Celeron(R) CPU B830@ 1.80GHz
Monitor	15" colour Monitor
Keyboard	122keys
RAM	4GB
HARD DISC	500GB

## **Tools and Technologies:-**

**Front End:** HTML, CSS, BOOTSTRAP, JAVASCRIPT.

**Back End:** PHP AND MYSQL

**Text Editor:** SUBLIME TEXT3

**Software Requirement:** XAMPP SERVER

## **6. Conclusion and Future Work**

### **Conclusion:**

From the outcome of this project, we hope that this application can provide us development in both personal and professional aspects.

Personally, this project will likewise provide us the knowledge and experience that we can share to our fellow students and other people that may need our assistance in the future.

Planning for the rest of the project:

- Building the interfaces wherein reports can be generated and created.
- Optimization.

### **Future Work:**

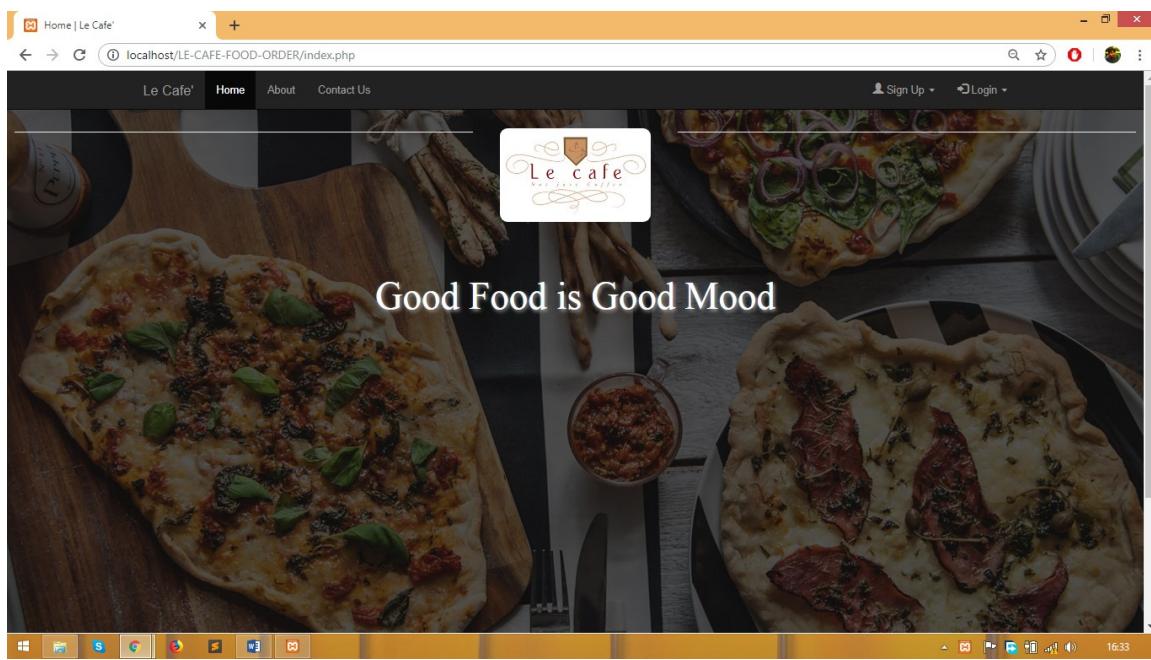
The following section describes the work that will be implemented with future release of the software.

- Customer order: Allow customers to customize food orders.
- Enhance User Interface by adding more user interactive features, Provide deals and promotional Offer details to home page. Provide Recipes of the Week/Day To Home Page.

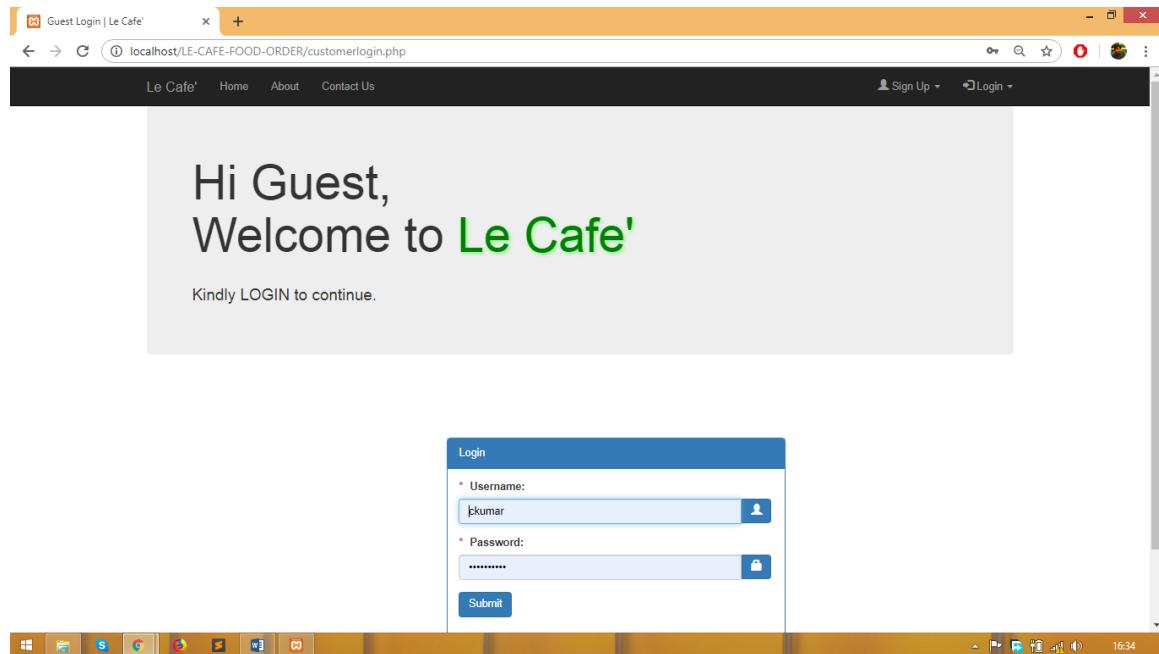
- Payment Options: Add Different payment options such as PayPal, Cash, and Gift Cards Etc. allow to save payment details for future.
- Allow to process an order as a Guest.
- Delivery Option: Add Delivery Option.
- Order Process Estimate: Provide customer a visual graphical order status bar.
- Order status: Show only Active orders to Restaurant Employees.
- Order Ready Notification: Send an order Ready Notification to the Customer.
- Restaurant Locator: Allow to find and choose a nearby restaurant

## Screenshots:

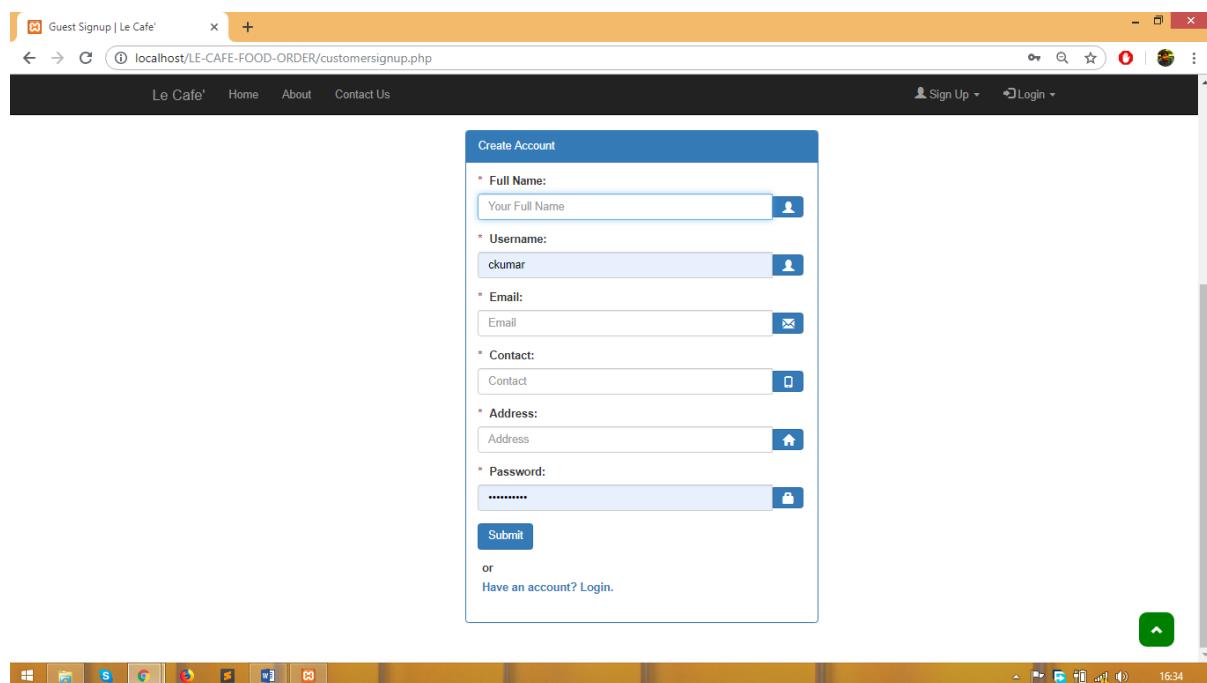
### Main Page:



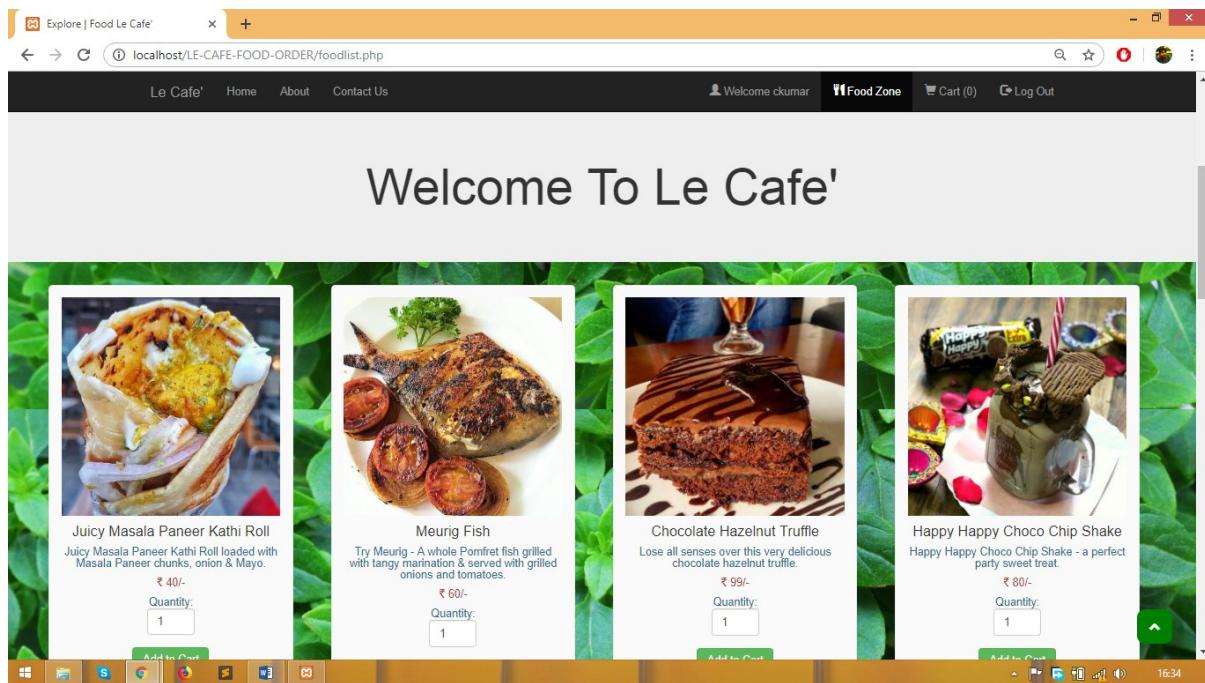
## Login Page:



## Register Page:



## Customer Order:



## Order Food:

The screenshot shows a web browser window for 'Cart | Le Cafe''. The URL is 'localhost/LE-CAFE-FOOD-ORDER/cart.php'. The top navigation bar includes 'Home', 'About', 'Contact Us', 'Welcome ckumar', 'Food Zone', 'Cart (4)', and 'Log Out'. The main heading 'Your Shopping Cart' is centered. Below it is a message 'Looks tasty...!!!'

Food Name	Quantity	Price Details	Order Total	Action
Chocolate Hazelnut Truffle	4	₹ 99	₹ 396.00	<a href="#">Remove</a>
Spring Rolls	6	₹ 65	₹ 390.00	<a href="#">Remove</a>
Tea	5	₹ 20	₹ 100.00	<a href="#">Remove</a>
Puff	3	₹ 35	₹ 105.00	<a href="#">Remove</a>
		Total	₹ 991.00	

At the bottom are buttons: 'Empty Cart' (red), 'Continue Shopping' (orange), and 'Check Out' (green).

The taskbar at the bottom shows various application icons.

## Payment Details:



Choose your payment option

Grand Total: ₹991/-

including all service charges. (no delivery charges applied)

[Go back to cart](#) [Pay Online](#) [Cash On Delivery](#)



Thank you for Ordering at Le Cafe'! The ordering process is now complete.

Your Order Number: [360222170733165684](#)



## Admin Section Add Product:

The screenshot shows a web browser window titled "Manager Login | Le Cafe". The URL is "localhost/LE-CAFE-FOOD-ORDER/myrestaurant.php". The page has a header with "Le Cafe", "Home", "About", "Contact Us", "Welcome roshanraj07", "MANAGER CONTROL PANEL", and "Log Out". Below the header, it says "Hello Manager!" and "Manage all your restaurant from here". On the left, there's a sidebar with "My Restaurant" and links for "View Food Items", "Add Food Items", "Edit Food Items", and "Delete Food Items". The main content area is titled "MY RESTAURANT" and contains four input fields: "Your Restaurant's Name", "Your Restaurant's Email", "Your Restaurant's Contact Number", and "Your Restaurant's Address". A blue "ADD RESTAURANT" button is at the bottom right. A watermark for "Activate Windows" is visible in the background.

## All Food Item:

The screenshot shows a web browser window titled "Manager Login | Le Cafe". The URL is "localhost/LE-CAFE-FOOD-ORDER/view\_food\_items.php". The page has a header with "Le Cafe", "Home", "About", "Contact Us", "Welcome roshanraj07", "MANAGER CONTROL PANEL", and "Log Out". Below the header, it says "Hello Manager!" and "Manage all your restaurant from here". On the left, there's a sidebar with "My Restaurant" and links for "View Food Items", "Add Food Items", "Edit Food Items", "Delete Food Items", and "View Order Details". The main content area is titled "YOUR FOOD ITEMS LIST" and displays a table of food items. The table columns are Food ID, Food Name, Price, Description, and Restaurant ID. The data includes:

Food ID	Food Name	Price	Description	Restaurant ID
> 59	Meuring Fish	60	Try Meuring - A whole Pomfret fish grilled with tangy marinade & served with grilled onions and tomatoes.	2
> 62	Spring Rolls	65	Delicious Spring Rolls by Dragon Hut, Delhi. Order now!!!	2
> 69	Coffee	25	concentrated coffee made by forcing pressurized water through finely ground coffee beans.	2
> 70	Tea	20	The simple elixir of tea is of our natural world.	2
> 71	Samosa	40	Cocktail Crispy Samosa..	2
> 72	Panner Pakora	45	it gives whole new dimension even to the most boring or dull vegetable	2
> 73	Puff	35	Vegetable Puff, a snack with crisp-n-flaky outer layer and mixed vegetables stuffing	2
> 74	Pizza	200	Good and Tasty	2
> 75	French Fries	60	Pure Veg and Tasty.	2
> 76	Pakora	35	Pure Vegetable and Tasty.	2
> 77	Pizza	200	Pure Vegetable and Tasty.	2

A watermark for "Activate Windows" is visible in the background.

## Add Food Item:

The screenshot shows a web browser window titled "Manager Login | Le Cafe". The URL is "localhost/LE-CAFE-FOOD-ORDER/add\_food\_items.php". The page header includes "Le Cafe' Home About Contact Us", "Welcome roshanraj07", "MANAGER CONTROL PANEL", and "Log Out". The main content area features a large heading "Hello Manager!" and the sub-instruction "Manage all your restaurant from here". On the left, a sidebar menu has "Add Food Items" selected. The central form is titled "ADD NEW FOOD ITEM HERE" and contains fields for "Your Food name", "Your Food Price (INR)", "Your Food Description", and "Your Food Image Path [images/<filename> <extension>]". A blue "ADD FOOD" button is at the bottom right. The Windows taskbar at the bottom shows various pinned icons.

## Delete Food Item:

The screenshot shows a web browser window titled "Manager Login | Le Cafe". The URL is "localhost/LE-CAFE-FOOD-ORDER/delete\_food\_items.php". The page header includes "Le Cafe' Home About Contact Us", "Welcome roshanraj07", "MANAGER CONTROL PANEL", and "Log Out". The main content area features a large heading "Hello Manager!" and the sub-instruction "Manage all your restaurant from here". On the left, a sidebar menu has "Delete Food Items" selected. The central table is titled "DELETE YOUR FOOD ITEMS FROM HERE". It lists food items with columns for Food ID, Food Name, Price, Description, and Restaurant ID. Each row has a delete checkbox. A red "DELETE" button is located at the bottom right of the table. The Windows taskbar at the bottom shows various pinned icons.

#	Food ID	Food Name	Price	Description	Restaurant ID
59	Meuring Fish	80	Try Meuring - A whole Pomfret fish grilled with tangy marination & served with grilled onions and tomatoes.	2	
62	Spring Rolls	85	Delicious Spring Rolls by Dragon Hut, Delhi. Order now!!!	2	
69	Coffee	25	concentrated coffee made by forcing pressurized water through finely ground coffee beans.	2	
70	Tea	20	The simple elixir of tea is of our natural world.	2	
71	Samosa	40	Cocktail Crispy Samosa.	2	
72	Panner Pakora	45	it gives whole new dimension even to the most boring or dull vegetable	2	
73	Puff	35	Vegetable Puff, a snack with crisp-n-taky outer layer and mixed vegetables stuffing	2	
77	Pizza	200	Pure Vegetable and Tasty	2	
78	French Fries	75	Pure Veg and Tasty	2	
79	Pakora	45	TASTY	2	

## All Order food List:

The screenshot shows a web browser window titled "Manager Login | Le Cafe". The URL in the address bar is "localhost/LE-CAFE-FOOD-ORDER/view\_order\_details.php". The page header includes "Le Cafe", "Home", "About", "Contact Us", "Welcome roshanraj07", "MANAGER CONTROL PANEL", and "Log Out". A sidebar on the left lists navigation options: "My Restaurant", "View Food Items", "Add Food Items", "Edit Food Items", "Delete Food Items", and "View Order Details", with "View Order Details" being the active link. The main content area is titled "YOUR FOOD ORDER LIST" and displays a table of order details. The table has columns: Order ID, Food ID, Order Date, Food Name, Price, Quantity, and Customer. The data in the table is as follows:

Order ID	Food ID	Order Date	Food Name	Price	Quantity	Customer
> 10	50	2019-03-05	Meuring Fish	60	1	okumar
> 28	50	2019-03-05	Meuring Fish	60	1	birju
> 26	50	2019-03-05	Meuring Fish	60	6	birju
> 23	62	2019-03-05	Spring Rolls	65	1	birju
> 21	62	2019-03-05	Spring Rolls	65	1	birju
> 18	50	2019-03-05	Meuring Fish	60	6	birju
> 13	50	2019-03-05	Meuring Fish	60	4	okumar
> 40	73	2019-03-15	Puff	35	1	okumar
> 39	78	2019-03-15	French Fries	75	1	okumar
> 38	78	2019-03-15	French Fries	75	7	okumar
> 37	72	2019-03-15	Paneer Pakora	45	6	okumar
> 36	62	2019-03-15	Spring Rolls	65	1	okumar
> 34	50	2019-03-15	Meuring Fish	60	1	okumar
> 31	50	2019-03-15	Meuring Fish	60	1	okumar
> 46	70	2019-03-15	Tea	20	1	okumar
> 44	70	2019-03-10	Tea	20	1	okumar

A watermark for "Activate Windows" is visible in the background of the page.

# The Database Design of the Food Ordering System

Format of the database

## Orders (D1)

Field name	Brief Description	Field type	Restriction
Order_no	Order number (KEY FIELD)	Integer (6)	1-999999
Table_no	Table number	Integer (2)	1-99
Order_time	Order time	Time	-----
Order_date	Order date	Date	-----
Head_no	Head number	Integer (2)	1-20
Payment_status	Status of payment	Boolean	True, False

\* N = Not Done, P = Processing, F = finished, D = Delivered

Orderline

Field name	Brief Description	Field type	Restriction
Order_no	Order number	Integer (6)	1-999999
Item_no	Item number	Integer (3)	1-999
Quantity	Quantity of the item	Integer (2)	1-99

Table (D2)

Field name	Brief Description	Field type	Restriction
Table_no	Table number (KEY FIELD)	Integer (2)	1-99
Status	Status of the table	Character	R, I, F

\* R = Reservation, I = In-use, F = Free

### Menu (D3)

<b>Field name</b>	<b>Brief Description</b>	<b>Field type</b>	<b>Restriction</b>
Item_no	Item number (KEY FIELD)	Integer (3)	1-999
Item_price	Item price	Currency	\$1-999
Item_name	The name of Item	String(20)	1-20char
Status	Status of the item	String(2)	BX, LX, DX, PX
Discount	Discount value	Percentage	0%-100%
Photo	Photo of the item	Object	-----
Description	Description of the item	String (40)	1-40 char

\* B = Breakfast, L = Lunch, D = Dinner, P = Promotion,X=A,B,C,D or X

### Reservation (D4)

<b>Field name</b>	<b>Brief Description</b>	<b>Field type</b>	<b>Restriction</b>
Res_no	Reservation number (KEY FIELD)	Integer (3)	1-999
Date	Reservation date	Date	-----
Time	Reservation time	Time	-----
Cus_info	Customer name	String (20)	1-20 char
Tel	Telephone number	Integer (8)	8 digits
Head_no	Head number	Integer (2)	1-20
Table_no	Table number	Integer (2)	1-99
Waiting_no	Waiting number	Integer (3)	1-999
Status	Status of reservation	Character	N, T, U, C, W

\* N = Normal, T = Tabled, U = Un-reserved, C = Cancel, W = Waiting

### Waiting (D5)

Field name	Brief Description	Field type	Restriction
Waiting_no	Waiting number (KEY FIELD)	Integer (3)	1-999
Priority	Priority (Walk-in, Reservation)	Character	W, R
Status	Status of the waiting number	Character	D, S

W = Walk-in, R = Reservation, D = Done, S = Still waiting

### Employee (D6)

Field name	Brief Description	Field type	Restriction
Employee_no	Employee number (KEY FIELD)	Integer (2)	1-99
Name	Employee name	String (20)	1-20 char
Tel	Employee telephone number	Integer	8 digits
Address	Employee address	String (60)	1-60 char
Position	Position of the employee	String (20)	1-20 char
Work_in_time	Start work time	Time	-----
Work_out_time	End work time	Time	-----
Day_off	Day off	Integer (1)	1-7
Salary	Salary of the employee	Currency	\$1-99999

## Database1:

The screenshot shows the phpMyAdmin interface for the 'foodorder' database. The top navigation bar includes tabs for Structure, SQL, Search, Query, Export, Import, Operations, Privileges, Routines, Events, Triggers, Tracking, Designer, and Central columns. Below the navigation is a search bar and a filters section. The main area displays a table of tables with columns for Table, Action, Rows, Type, Collation, Size, and Overhead. The table lists six tables: contact, customer, food, manager, orders, and restaurants. At the bottom of the table area, there are buttons for Check all and With selected. Below the table, there is a 'Create table' form with fields for Name and Number of columns (set to 4). A 'Go' button is located at the bottom right of the form. The status bar at the bottom indicates 'Activate Windows Go to PC settings to activate Windows.'

## Database2:

The screenshot shows the phpMyAdmin interface for the 'foodorder' database, specifically viewing the 'food' table. The top navigation bar includes tabs for Browse, Structure, SQL, Search, Insert, Export, Import, Privileges, Operations, Tracking, and Triggers. Below the navigation is a message indicating 20 total rows found. The main area displays a table with columns for F\_ID, name, price, description, R\_ID, images\_path, and options. The table lists various food items like Masala Paneer Kathi Roll, Meuring Fish, Chocolate Hazelnut Truffle, etc., along with their descriptions and image paths. The 'options' column shows values like ENABLE, DISABLE, or UNKNOWN. A 'Profiling' link is visible above the table. The status bar at the bottom indicates 'Activate Windows Go to PC settings to activate Windows.'

## Database3:

The screenshot shows the phpMyAdmin interface for the 'customer' table in the 'foodorder' database. The table has columns: username, fullname, email, contact, address, and password. The data includes five rows: birju, CHANDAN KUMAR, nidha, pratheek083, and rakshithk00.

	username	fullname	email	contact	address	password
<input type="checkbox"/>	birju	BIRJU KUMAR	bkm123@gmail.com	8903079750	Pondicherry University, SRK HOSTEL ROOM NUMBER-59,	Birju123@
<input type="checkbox"/>	ckumar	CHANDAN KUMAR	ckj40856@gmail.com	9487810674	Pondicherry University, SRK HOSTEL ROOM NUMBER-59,	Ckumar123@
<input type="checkbox"/>	nidha	nidha	nidha@gmail.com	988696572	Maharashtra	suhail
<input type="checkbox"/>	pratheek083	Pratheek Shiri	pratheeek@gmail.com	8779546521	Hyderabad	pratheeek
<input type="checkbox"/>	rakshithk00	Rakshith Kotian	rakshith@gmail.com	9547123658	Gujarat	rakshith

## Database4:

The screenshot shows the phpMyAdmin interface for the 'orders' table in the 'foodorder' database. The table has columns: order\_ID, F\_ID, foodname, price, quantity, order\_date, username, and R\_ID. The data includes 22 rows of order details.

	order_ID	F_ID	foodname	price	quantity	order_date	username	R_ID
<input type="checkbox"/>	1	58	Juicy Masala Paneer Kathi Roll	40	1	2019-03-03	ckumar	1
<input type="checkbox"/>	2	61	Happy Happy Choco Chip Shake	80	2	2019-03-03	ckumar	1
<input type="checkbox"/>	3	61	Happy Happy Choco Chip Shake	80	2	2019-03-03	ckumar	1
<input type="checkbox"/>	4	65	Coffee	25	4	2019-03-03	ckumar	4
<input type="checkbox"/>	5	58	Juicy Masala Paneer Kathi Roll	40	7	2019-03-03	ckumar	1
<input type="checkbox"/>	6	65	Coffee	25	2	2019-03-03	ckumar	4
<input type="checkbox"/>	7	58	Juicy Masala Paneer Kathi Roll	40	7	2019-03-03	ckumar	1
<input type="checkbox"/>	8	65	Coffee	25	2	2019-03-03	ckumar	4
<input type="checkbox"/>	9	60	Chocolate Hazelnut Truffle	99	1	2019-03-03	ckumar	3
<input type="checkbox"/>	10	59	Meuring Fish	60	1	2019-03-05	ckumar	2
<input type="checkbox"/>	11	60	Chocolate Hazelnut Truffle	99	1	2019-03-05	ckumar	3
<input type="checkbox"/>	12	65	Coffee	25	1	2019-03-05	ckumar	4
<input type="checkbox"/>	13	59	Meuring Fish	60	4	2019-03-05	ckumar	2
<input type="checkbox"/>	14	58	Juicy Masala Paneer Kathi Roll	40	1	2019-03-05	ckumar	1
<input type="checkbox"/>	15	60	Chocolate Hazelnut Truffle	99	4	2019-03-05	ckumar	3
<input type="checkbox"/>	16	65	Coffee	25	1	2019-03-05	ckumar	4
<input type="checkbox"/>	17	66	Tea	20	7	2019-03-05	ckumar	4
<input type="checkbox"/>	18	59	Meuring Fish	60	5	2019-03-05	birju	2
<input type="checkbox"/>	19	63	Baahubali Thali	75	1	2019-03-05	birju	3
<input type="checkbox"/>	20	68	Panner Pakora	75	1	2019-03-05	birju	6
<input type="checkbox"/>	21	62	Spring Rolls	65	1	2019-03-05	birju	2
<input type="checkbox"/>	22	68	Panner Pakora	75	1	2019-03-05	birju	6

## System Code:

### Index.php

```
<?php
session_start();
?>
<html>
<head>
<title> Home | Le Cafe' </title>
</head>
<link rel="stylesheet" type = "text/css" href ="css/bootstrap.min.css">
<link rel="stylesheet" type = "text/css" href ="css/index.css">
<body>
<button onclick="topFunction()" id="myBtn" title="Go to top">
<span class="glyphicon glyphicon-chevron-up"></span>
</button>
<script type="text/javascript">
window.onscroll = function()
{
scrollFunction()
};

function scrollFunction(){
if (document.body.scrollTop > 20 || document.documentElement.scrollTop > 20) {
document.getElementById("myBtn").style.display = "block";
} else {
document.getElementById("myBtn").style.display = "none";
}
}

function topFunction() {
document.body.scrollTop = 0;
```

```

document.documentElement.scrollTop = 0
}

</script>

<nav class="navbar navbar-inverse navbar-fixed-top navigation-clean-search" role="navigation">
  <div class="container">
    <div class="navbar-header">
      <button type="button" class="navbar-toggle collapsed" data-toggle="collapse" data-target="#myNavbar">
        <span class="sr-only">Toggle navigation</span>
        <span class="icon-bar"></span>
        <span class="icon-bar"></span>
        <span class="icon-bar"></span>
      </button>
      <a class="navbar-brand" href="index.php">Le Cafe'</a>
    </div>
    <div class="collapse navbar-collapse " id="myNavbar">
      <ul class="nav navbar-nav">
        <li class="active" ><a href="index.php">Home</a></li>
        <li><a href="aboutus.php">About</a></li>
        <li><a href="contactus.php">Contact Us</a></li>
      </ul>
      <?php
      if(isset($_SESSION['login_user1'])){
        ?>
      <ul class="nav navbar-nav navbar-right">
        <li><a href="#"><span class="glyphicon glyphicon-user"></span> Welcome <?php echo
$_SESSION['login_user1']; ?> </a></li>
        <li><a href="myrestaurant.php">MANAGER CONTROL PANEL</a></li>
        <li><a href="logout_m.php"><span class="glyphicon glyphicon-log-out"></span> Log Out
</a></li>
      </ul>
      <?php

```

---

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```

}

else if (isset($_SESSION['login_user2'])) {

?>

<ul class="nav navbar-nav navbar-right">

<li><a href="#"><span class="glyphicon glyphicon-user"></span> Welcome <?php echo
$_SESSION['login_user2']; ?> </a></li>

<li><a href="foodlist.php"><span class="glyphicon glyphicon-cutlery"></span> Food Zone
</a></li>

<li><a href="cart.php"><span class="glyphicon glyphicon-shopping-cart"></span> Cart
(<?php

if(isset($_SESSION["cart"])){
$count = count($_SESSION["cart"]);

echo "$count";

}

else

echo "0";

?>

</a></li>

<li><a href="logout_u.php"><span class="glyphicon glyphicon-log-out"></span> Log Out
</a></li>

</ul>

<?php

}

else {

?>

<ul class="nav navbar-nav navbar-right">

<li><a href="#" class="dropdown-toggle active" data-toggle="dropdown" role="button"
aria-haspopup="true" aria-expanded="false"><span class="glyphicon glyphicon-user"></span>
Sign Up <span class="caret"></span> </a>

<ul class="dropdown-menu">

<li> <a href="customersignup.php"> User Sign-up</a></li>
<li> <a href="managersignup.php"> Manager Sign-up</a></li>

```

```

        </ul>
    </li>
<li><a href="#" class="dropdown-toggle active" data-toggle="dropdown" role="button" aria-haspopup="true" aria-expanded="false"><span class="glyphicon glyphicon-log-in"></span> Login <span class="caret"></span></a>
        <ul class="dropdown-menu">
            <li> <a href="customerlogin.php"> User Login</a></li>
            <li> <a href="managerlogin.php"> Manager Login</a></li>
        </ul>
    </li>
</ul>

<?php
}?
</div>
</div>
</nav>

<div class="wide">
    <div class="col-xs-5 line"><hr></div>
    <div class="col-xs-2 logo"></div>
    <div class="col-xs-5 line"><hr></div>
    <div class="tagline">Good Food is Good Mood</div>
</div>
<br>
<div class="orderblock">
    <h2>Feeling Hungry?</h2>
    <center><a class="btn btn-success btn-lg" href="customerlogin.php" role="button" > Order Now </a></center>
</div>
</body>
</html>

```

## **Bibliography**

1 <http://getbootstrap.com/>

2

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