



CSE370 : Database Systems Project Report

Project Title : Online Food Ordering System

Group No : 4 , CSE370 Lab Section: 09, Fall 2023		
ID	Name	Contribution
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21301399	Ramisa Anjum	Manager profile (add restaurant, add food items, edit food items, delete food items, view food items, view orders)
20121006	Mashook Mohammad Meshkat	View Food list (Display food items, image, name, price, description, quantity, add to cart option) Dashboard (about us, index, contact us pages) along with customer/ manager logged in/logged out navigation bar display conditions for all pages
20121012	Nahiduzzaman Akib	Cart, Add/Remove item from Cart, Online/Offline payment method.

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Introduction

In the age of digital transformation, the convergence of technology and gastronomy has led to inventive solutions that redefine how people engage with culinary experiences. This academic project report examines the creation and integration of an advanced online food ordering database system. The system is designed using CSS (Cascading Style Sheets), PHP (Hypertext Preprocessor), and MySQL, specifically focusing on streamlining food orders from various restaurants through a unified platform.

The main goal of this project is to cater to the changing requirements of contemporary consumers, who desire both convenience and a wide range of gastronomic options. Conventional online food ordering systems frequently restrict consumers to the menu options of only one restaurant, which limits their choices and may negatively impact user happiness. To overcome this limitation, our system has been designed to surpass these constraints by gathering menus from different restaurants, offering users a complete and diverse range of options to accommodate their unique preferences.

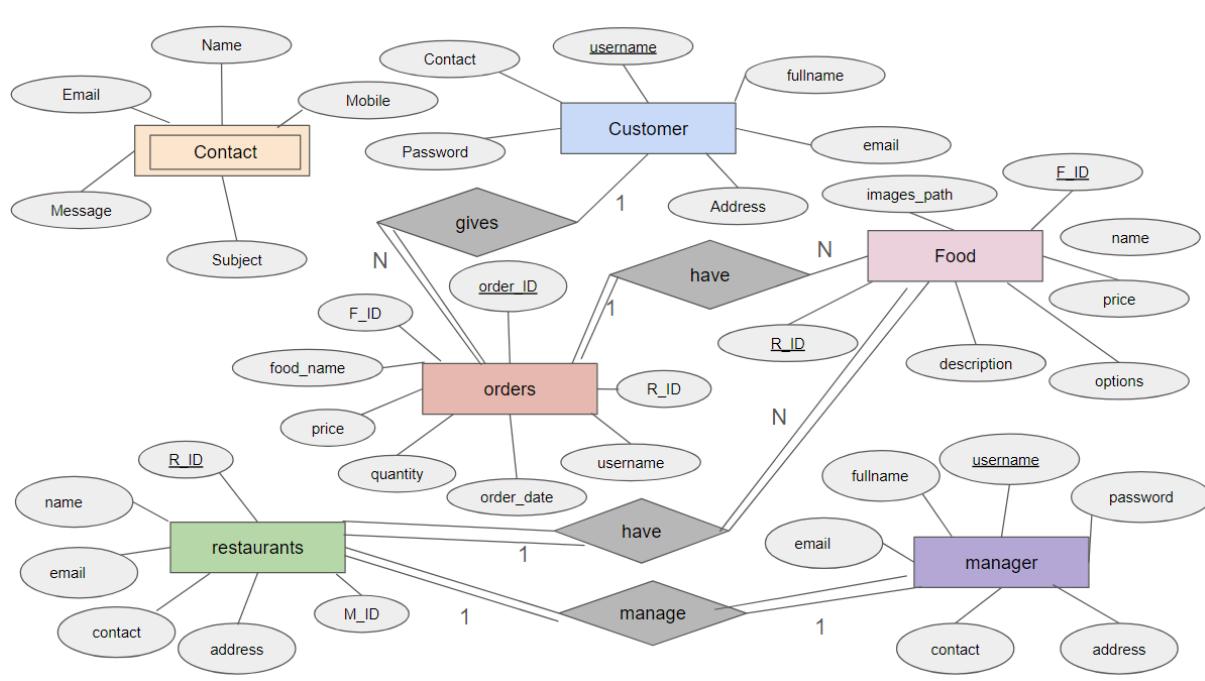
Our system prominently incorporates versatile payment alternatives. To cater to users' tastes and lifestyles, our platform offers two main payment options: Online payment for quick and safe transactions and Cash on Delivery (COD) for those who prefer the conventional method. The use of this dual-payment approach improves consumer satisfaction by catering to a wide range of preferences, resulting in a smooth and personalized ordering experience.

Project Features

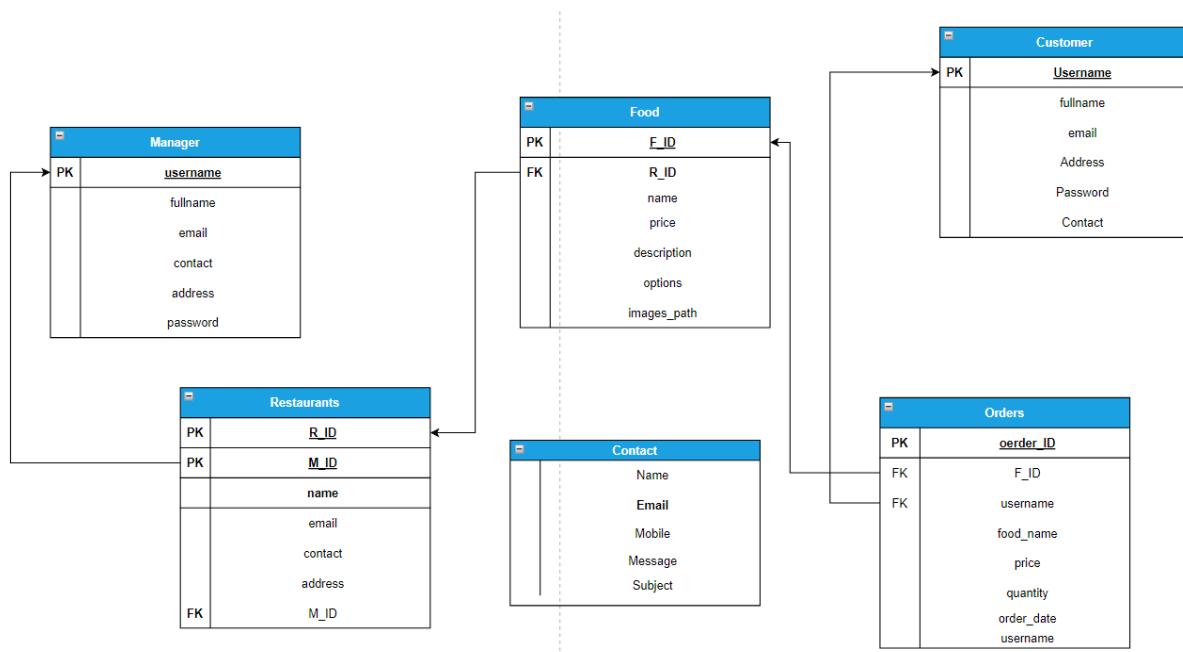
Here are the key features of our Online Food Ordering System:

1. Manager profile (add restaurant, add food items, edit food items, delete food items, view food items, view orders)
2. Dashboard (about, index, contact info)
3. Login, logout, sign up (Both manager and customer)
4. Payment/cart (Empty Cart, Remove items, Checkout, Online/Offline Payment)
5. View Food list (Display food items, image, name, price, description, quantity, add to cart option, Search food)
6. Showing different tabs at the top navigation bar based on customer Logged-in state, manager Logged-in state, and Logged-out state for each page.

ER/EER Diagram



Schema Diagram



Frontend Development

Contribution of ID : 21201655, Name : Sanjida Arefin Rimu

I have developed User and manager “Sign-up” , “Login” and “Logout” , “Customer registered Success”, “manager registered success” Pages. Along with that I have also developed “Search Food” feature in the Foodlist Page.

SignUp:

User Sign Up page takes all the information that an user need to create accounts and to establish a personalized account. While interacting with this page user will encounter several elements in the signup form such as Full Name, User Name, Email Address, Contact No, Address, Password and a submit Button to submit the form. Same features are developed for the Manager Sign Up page. An manager will be able to create an account by filling out the signup form with the necessary informations.

A screenshot of the "Create Account" form. The form has a blue header bar with the text "Create Account". Below it is a table with six rows, each containing a label and an input field. The labels are: "Name:", "Username:", "Email:", "Contact:", "Address:", and "Password:". Each input field has a small icon next to it: a person icon for Name, a person icon for Username, an envelope icon for Email, a phone icon for Contact, a house icon for Address, and a lock icon for Password. Below the table is a blue "Submit" button. At the bottom of the form, there is a link "Already have an account? Login." and the word "or".

Greetings Manager, Welcome to Food Craze

[Create your account](#)

Create Account

Full Name:	<input type="text" value="Your Full Name"/>
Username:	<input type="text" value="arafinrimu"/>
Email address:	<input type="text" value="Email"/>
Contact no:	<input type="text" value="Contact no"/>
Address:	<input type="text" value="Your address"/>
Password:	<input type="password" value="..."/>
<input type="button" value="Submit"/>	
Already have an account? Login.	

LogIn:

After the successful registration ,user will be able to see a login page to sign in the website.here he will be able to see a sign in form containing username ,password and a submit button.So,after clicking the submit button the user will be driven to the Foodlist page where he will be able to browse various kinds of food items.Besides,in manager login page,after filling out sign in form ,manger will be driven to myrestaurent page where he will conduct his activities.

Hello Guest, Welcome to Food Craze

Please Log in to continue.

Sign In

* Username:	<input type="text" value="arafinrimu"/>
* Password:	<input type="password" value="..."/>
<input type="button" value="Submit"/>	
or	
Create a new account.	



Greetings Manager

Welcome to Food Craze

Please Login to continue

Login

Username:

Password:

[Create a new account](#)

User_registration_success:

Food Craze [Home](#) [About](#) [Contact Us](#)

Welcome ABC!

Your account has been created.

Login now from [here](#)

Manager_registered_success:

Food Craze [Home](#) [About](#) [Contact Us](#)

Welcome ABC!

Your account has been created.

Login now from [here](#)

Search Food:

Search Button in Food list page enables user to quickly find specific foods based on their preferences.it will save time of users to find out their desired food.by clicking the food search button user can find the desired food .

The screenshot shows the homepage of the 'Food Craze' website. At the top, there is a navigation bar with links for 'Food Craze', 'Home', 'About', and 'Contact Us'. On the right side of the navigation bar, there are icons for a user profile ('Welcome arafinrimu'), 'Food Zone', 'Cart (0)', and 'Log Out'. Below the navigation bar, the main title 'Welcome To Food Craze' is displayed in large, bold letters. Underneath the title, a subtitle says 'Choose the Food Items that you Like to Order'. There is a search bar with the placeholder 'Search' and a blue 'Search Food' button. Below the search area, there are four food items listed in a grid: 'Latte' (a cup of coffee with latte art), 'Iced Americano' (a glass of iced coffee), 'Brownie' (a stack of brownies), and 'Chocolate Chip' (a plate of cookies). Each item has a small description and a price in red text.

Item	Description	Price
Latte	Prepared with espresso & steamed milk	₹ 255/-
Iced Americano	Iced version of americano	₹ 220/-
Brownie	A north end classic - our dark & rich chocolate brownie	₹ 100/-
Chocolate Chip	The soft & chewy, classic american cookie with european-quality dark chocolate	₹ 150/-

Contribution of ID : 21301399, Name : Ramisa Anjum

I have composed the manager profile from where a manager can manage his/her restaurant by adding, editing, deleting, viewing etc from his/her restaurant. Any restaurant is incomplete without a manager. A manager's profile is of paramount importance. The manager plays a crucial role in overseeing the project's development, ensuring that the system meets user requirements and business objectives. For this I have developed “**My Restaurant**”, “**Add Food Items**”, “**View Food Items**”, “**Edit Food Items**”, “**Delete Food Items**” and “**View Order Details**” in my manager profile.

My Restaurant:

For any newly signed up manager, I've created a “My Restaurant” page so that he/she can add his/her desired restaurant. Point to be noted that I have designed it in such a way that a manager can add only one restaurant. In this page, a manager can add the restaurant name, restaurant email address, restaurant's contact no and restaurant's address.

The screenshot shows the 'Manager control panel' interface. At the top, there's a navigation bar with links for 'Food Craze', 'Home', 'About', 'Contact Us', 'Welcome Ramisa', 'Manager control panel', and 'Log Out'. Below the navigation bar, a large header says 'Hello, Dear Manager!' with the subtext 'You can manage all of your restaurants from here'. On the left, a sidebar menu under 'My Restaurant' includes 'View Food Items', 'Add Food Items', 'Edit Food Items', 'Delete Food Items', and 'View Order Details'. The main content area is titled 'My Restaurant' and contains four input fields: 'Your Restaurant's Name', 'Restaurant's Email', 'Restaurant's Contact Number', and 'Restaurant's Address'. A blue 'Add Restaurant' button is at the bottom.

Add Food Items:

Every manager is required to input food items for their respective restaurant. For this, a manager has to input food name as well as food price, food description. He/she can also include the food picture if it is available. Certainly, a picture of the food captures the customer's attention more.

The screenshot shows the 'Manager control panel' interface. At the top, there's a navigation bar with links for 'Food Craze', 'Home', 'About', 'Contact Us', 'Welcome Ramisa', 'Manager control panel', and 'Log Out'. Below the navigation bar, a large header says 'Hello, Dear Manager!' with the subtext 'You can manage all of your restaurants from here'. On the left, a sidebar menu under 'My Restaurant' includes 'View Food Items', 'Add Food Items' (which is highlighted in blue), 'Edit Food Items', 'Delete Food Items', and 'View Order Details'. The main content area is titled 'Add new food item' and contains four input fields: 'Your Food name', 'Your Food Price (INR)', 'Your Food Description', and 'Your Food Image Path [images/fooditems/filename.<extension>]'. A blue 'Add Food' button is at the bottom.

Hello, Dear Manager!

You can manage all of your restaurants from here

My Restaurant
View Food Items
Add Food Items
Edit Food Items
Delete Food Items
View Order Details

Add new food item

Pepsi

30

Crisp online choice for a fizzy, satisfying meal companion.



Add Food

Welcome MashookFood ZoneCart (0)Log Out

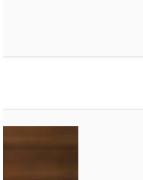


Cafe Mocha
355 ml - Gourmet chocolate, steamed milk & espresso
₹ 276/-
Quantity:

Add to Cart



473 ml - Blend mocha sauce



ed cheese, crisp on



Pepsi
Crisp online choice for a fizzy, satisfying meal companion.
₹ 30/-
Quantity:

Add to Cart

View Food Items:

Managers have the flexibility to access and review the food items associated with their restaurant at their convenience at any time whenever they want.

The screenshot shows a top navigation bar with links for 'Food Craze', 'Home', 'About', and 'Contact Us'. On the right, there are 'Welcome Ramisa', 'Manager control panel', and 'Log Out' buttons. Below the navigation is a large header with the text 'Hello, Dear Manager!' and a sub-instruction 'You can manage all of your restaurants from here'. To the left is a sidebar menu with options: 'My Restaurant', 'View Food Items' (which is highlighted in blue), 'Add Food Items', 'Edit Food Items', 'Delete Food Items', and 'View Order Details'. The main content area is titled 'List of your food items' and displays a table with the following data:

Food ID	Food Name	Price	Description	Restaurant ID
> 5	Crimson Cup Mocha	410	473 ml - Blended goodness in a cup made of white chocolate, swirls of caramel, whole milk, freshly brewed cold brew with crimsoncup specialty.	2
> 6	Italian Chicken	300	Great combination of egg, chicken salami in 3 layers of toasted bread with cheese	2
> 7	Cafe Mocha	276	355 ml - Gourmet chocolate, steamed milk & espresso	2
> 8	Cafe Mocha Freeze	391	473 ml - Blended goodness in a cup made of bittersweet mocha sauce, whole milk, freshly brewed cold brew with crimsoncup specialty.	2
> 22	Pepsi	30	Crisp online choice for a fizzy, satisfying meal companion.	2

Edit Food Items:

A manager possesses the authority and capability to make changes, modifications, or edits to the details of food items within the system. This includes adjusting prices, updating descriptions, or uploading new images, ensuring the menu is accurate and up-to-date. This editing capability empowers managers to respond promptly to changes in inventory, pricing, or any other relevant aspects.

Previous:

The screenshot shows a top navigation bar with links for 'Food Craze', 'Home', 'About', and 'Contact Us'. On the right, there are 'Welcome Ramisa', 'Manager control panel', and 'Log Out' buttons. Below the navigation is a large header with the text 'Select Food to Edit' and a sub-instruction 'Edit your Food from here'. To the left is a sidebar menu with options: 'My Restaurant', 'View Food Items', 'Add Food Items', 'Edit Food Items' (which is highlighted in blue), 'Delete Food Items', and 'View Order Details'. The main content area has two sections: 'Select Food to Edit' on the left listing 'Crimson Cup Mocha', 'Italian Chicken', 'Cafe Mocha', 'Cafe Mocha Freeze', and 'Pepsi' in blue text, and 'Edit your Food from here' on the right with form fields for 'Food Name' (Italian), 'Food Price' (300), and 'Food Description' (Great), along with an 'Update' button.

Modified:

- My Restaurant
- View Food Items
- Add Food Items
- Edit Food Items**
- Delete Food Items
- View Order Details

Select Food to Edit

[Crimson Cup Mocha](#)

[Italian Chicken](#)

[Cafe Mocha](#)

[Cafe Mocha Freeze](#)

[Pepsi](#)

Edit your Food from here

* Food Name:

* Food Price:

* Food Description:

Update

After Modification:

Home About Contact Us Welcome Mashraque

Iced Americano
Iced version of americano
₹ 220/-
Quantity:
Add to Cart

Brownie
A north end classic - our dark & rich brownie
₹ 100/-
Quantity:
Add to Cart

**INTRODUCING
ITALIAN SANDWICH**
EVEN CAESAR WOULD APPROVE!

Italian Chicken
Great combination of egg, chicken salami in 3 layers of toasted bread with cheese
₹ 300/-
Quantity:
Add to Cart

Cafe Moc
355 ml - Gourmet chocolate, steamed milk coffee
₹ 276/-
Quantity:
Add to Cart

Delete Food Items:

There are instances when a manager may need to remove or delete certain food items from the system.

The screenshot shows the Manager control panel interface. At the top, there is a navigation bar with links for 'Food Craze', 'Home', 'About', 'Contact Us', 'Welcome Ramisa', 'Manager control panel', and 'Log Out'. Below the navigation bar, a large header area displays the text 'Hello, Dear Manager!' and a sub-instruction 'You can manage all of your restaurants from here'. On the left side, a sidebar menu lists options: 'My Restaurant', 'View Food Items', 'Add Food Items', 'Edit Food Items', 'Delete Food Items' (which is highlighted in blue), and 'View Order Details'. The main content area is titled 'Select and Delete your Food from here' and contains a table with five rows of food items. The table includes columns for Food ID, Food Name, Price, Description, and Restaurant ID. Row 22, which corresponds to 'Pepsi', has a checked checkbox next to it. A red 'Delete' button is located at the bottom right of the table area.

#	Food ID	Food Name	Price	Description	Restaurant ID
5	Crimson Cup Mocha	410	473 ml - Blended goodness in a cup made of white chocolate, swirls of caramel, whole milk, freshly brewed cold brew with crimsoncup specialty.	2	
6	Italian Chicken	300	Great combination of egg, chicken salami in 3 layers of toasted bread with cheese	2	
7	Cafe Mocha	276	355 ml - Gourmet chocolate, steamed milk & espresso	2	
8	Cafe Mocha Freeze	391	473 ml - Blended goodness in a cup made of bittersweet mocha sauce, whole milk, freshly brewed cold brew with crimsoncup specialty.	2	
22	Pepsi	30	Crisp online choice for a fizzy, satisfying meal companion.	2	

View order details:

A manager has the capability to access and view detailed information about orders in their profile. For instance, a manager can see the customers name, order number, food id, food name, price, quantity, ordered date ect.

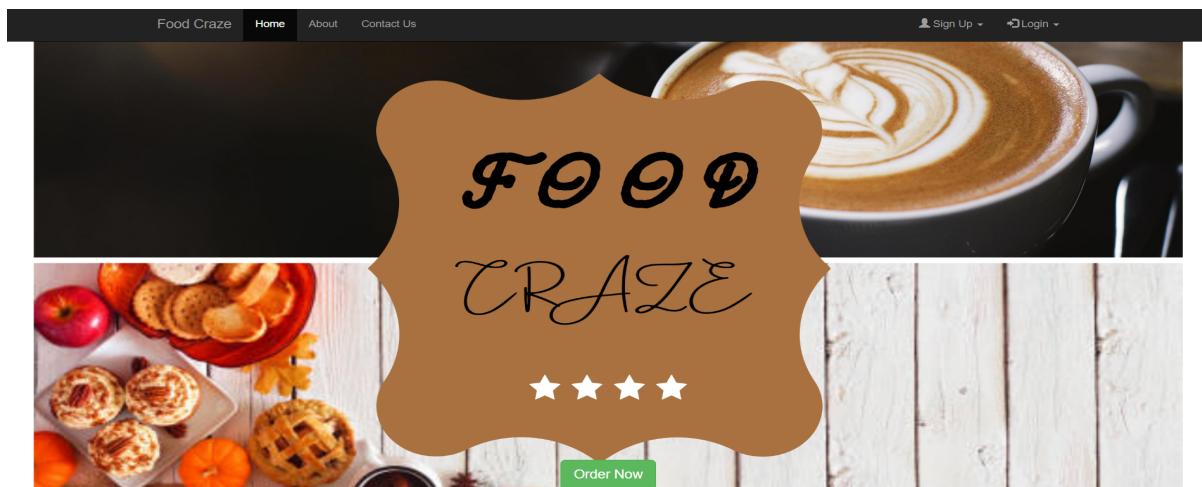
The screenshot shows the Manager control panel interface. At the top, there is a navigation bar with links for 'Food Craze', 'Home', 'About', 'Contact Us', 'Welcome Ramisa', 'Manager control panel', and 'Log Out'. Below the navigation bar, a large header area displays the text 'Hello, Dear Manager!' and a sub-instruction 'You can manage all of your restaurants from here'. On the left side, a sidebar menu lists options: 'My Restaurant', 'View Food Items', 'Add Food Items', 'Edit Food Items', 'Delete Food Items', and 'View Order Details' (which is highlighted in blue). The main content area is titled 'Food order list' and contains a table with three rows of order details. The table includes columns for Order ID, Food ID, Order Date, Food Name, Price, Quantity, and Customer. The first two rows have a greater-than symbol (>) before the Order ID, indicating expandable rows.

Order ID	Food ID	Order Date	Food Name	Price	Quantity	Customer
> 18	6	2023-12-10	Italian Chicken	300	1	Mashook
> 20	5	2023-12-11	Crimson Cup Mocha	410	1	Rimu
> 22	8	2023-12-11	Cafe Mocha Freeze	391	1	Rimu

Contribution of ID : 20121006, Name : Mashook Mohammad Meshkat

I was responsible mainly for designing the “Food List” feature, along with the “Index/Home”, “about us”, and “contact us” features.

Index/Home Page:



This page can be accessed by anyone visiting our online food ordering system, even without logging in. Our Website Front Cover of “Food Craze” is basically portrayed here, along with a “Order Now” button below that takes the guests to sign up/log in page and then order from the food list page. If a customer is already logged in, then that button will take him directly to the food list page to order.

Food List:

When a customer logs in, he/she will be directed to the following Food Zone page where he/she will be welcomed and be able to see a list of all the food items available in all of the restaurants, along with their image, name, description, price, quantity, and an option to add the food to their cart.

Food Craze Home About Contact Us

Welcome Mashook Food Zone Cart (0) Log Out

Welcome To Food Craze

Choose the Food Items that you Like to Order

Search Search Food



Latte
Prepared with espresso & steamed milk
₹ 255/-
Quantity:
Add to Cart



Iced Americano
Iced version of americano
₹ 220/-
Quantity:
Add to Cart



Brownie
A north end classic - our dark & rich chocolate brownie
₹ 100/-
Quantity:
Add to Cart



Chocolate Chip
The soft & chewy, classic american cookie with european-quality dark chocolate
₹ 150/-
Quantity:
Add to Cart



Crimson Cup Mocha
473 ml - Blended goodness in a cup made of white chocolate, swirls of caramel, white milk, freshly brewed cold brew with crimsoncup specialty.
₹ 410/-
Quantity:
Add to Cart



Italian Chicken
Great combination of egg, chicken salami in 3 layers of toasted bread with cheese
₹ 300/-
Quantity:
Add to Cart



Cafe Mocha
355 ml - Gourmet chocolate, steamed milk & espresso
₹ 276/-
Quantity:
Add to Cart



Cafe Mocha Freeze
473 ml - Blended goodness in a cup made of bittersweet mocha sauce, whipped milk, freshly brewed cold brew with crimsoncup specialty.
₹ 391/-
Quantity:
Add to Cart



Pizza
Savory Margherita: Fresh mozzarella, ripe tomatoes, basil
₹ 800/-
Quantity:



Burger
Classic Cheeseburger: Juicy patty, melted cheese, crisp lettuce, irresistible perfection
₹ 300/-

Name, description, price, image will be set by the manager in manager profile for their restaurant's food which will be displayed here automatically for the customers to have an easy and convenient way of looking and choosing their desired food, also by searching in the search bar. The food display also has a simple design which will not confuse the customers at all for what they are looking for.

About us Page:

This is the page that describes our online food ordering system website, along with the terms and conditions we have that our customers must abide by. The design and writing is pretty simple and easy to understand for the viewers. Anyone can check out this page, whether they are guests, customer, or manager.

Eat **Healthy**, Be **Healthy**

About our Food Craze

Order food & beverages online from restaurants around you through us.

We are dedicated to bringing you the best culinary experiences from the comfort of your own home.

Our mission is to provide easy access to a wide range of delicious cuisines, delivered right to your door.

With a focus on quality, convenience, and exceptional customer service, we aim to make every meal a memorable one.

There are no minimum order restrictions here! Whether it's a little or a lot, feel free to order as you please. We'll deliver it straight to you!

Join us on this gastronomic journey and savor the convenience of ordering your favorite dishes with just a few clicks.

Welcome to our world of flavors!

TERMS AND CONDITIONS

- 1) Ordering: By placing an order through our online platform, you are agreeing to the terms and conditions set forth by Food Craze. All orders are subject to availability and confirmation of the order price.
- 2) Delivery: We aim to deliver your order within the agreed time frame. However, delivery times may vary due to unforeseen circumstances. Delivery fees are outlined upon checkout. Our delivery service covers around the whole Dhaka.
- 3) Food Quality: We uphold high standards of food quality and strive to provide the best products to our customers. If you have any concerns about the quality of your order, please contact us immediately through our phone or by filling up a contact form.
- 4) Privacy and Data Security: We are committed to protecting your privacy and ensuring the security of your personal information. We handle your data in accordance with our privacy policy.
- 5) Terms of Use: All users of the online ordering platform must comply with the terms of use, which include refraining from any unauthorized use of the platform and ensuring accurate and complete information provided during the ordering process.
- 6) Liability and Disclaimers: Food Craze is not liable for any direct, indirect, or incidental damages arising from the use of our online food ordering system. We reserve the right to make changes to our prices and menus without notice.
- 7) Intellectual Property: All content, trademarks, and intellectual property displayed on the platform are the property of [Your Company Name] and are protected by applicable copyright and trademark laws.
- 8) Governing Law: These terms and conditions are governed by the laws of Bangladesh. Any disputes arising in connection with these terms shall be subject to the exclusive jurisdiction of the courts in Dhaka, Bangladesh.
- 9) Contact Information: If you have any questions or concerns about these terms and conditions, please contact us at 01234567890 or by filling up a contact form.

By using our Food Craze, you agree to abide by these terms and conditions.

Contact us Page:

Similarly, this is also another page that anyone can access, where a customer can contact us or give a review for anything he or she wants, other than calling us by using our given number.

Want to contact Food Craze ?

You can call us at 01234567890 or fill up the following form

Contact Form

Name
Email
Mobile Number
Subject
Message

Max Character length - 150

Submit

Here, I have designed it in such a way that after providing our number, a customer can fill up a contact form which is directly linked to our database table “Contact”. There are 5 boxes that needs to be filled up, namely Name, Email, Mobile Number, Subject, and Message that have a limit of maximum 150 words.

Contribution of ID : 20121012, Name : Nahiduzzaman Akib

I have developed the Food Cart functionality. Upon a customer's selection of the "Add to Cart" button for a specific item, dynamically appending the chosen item to the virtual shopping cart where it shows the number of items in the cart and concurrently redirects the user to the Cart page.



On the Cart page the customer will able to see the name of the food they would like to order, quantity and price details. In this page, they will have the option to add more items by clicking on the Continue Shopping button. Moreover, the customer can either Empty their cart or Remove an item from the cart.

Your Shopping Cart

Food Name	Quantity	Price Details	Order Total	Action
Brownie	1	₹ 100	₹ 100.00	Remove
Italian Chicken	1	₹ 300	₹ 300.00	Remove
Total				₹ 400.00

[Empty Cart](#) [Continue Shopping](#)

[Check Out](#)

After the successful selection of food items, the customer will have two modes of payment option. They can either choose to Pay Online or Cash on Delivery.

Choose your payment option

Total: ₹376/-

including all service charges. (no delivery charges applied)

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

If the customer chooses to Pay Online, a mobile banking system will be directed. On the mobile banking system, the customer will be asked to input their mobile number and OTP for successful payment.

Mobile Banking

Enter your mobile number and OTP below.



Mobile Number

One-Time Password (OTP)

CANCEL **PROCEED**

After successfully completing the Payment the customer will be given a Random Order ID with mentioning that the Order Placed Successfully.

⌚ **Order Placed Successfully.**

Thank you for Ordering at Food Craze! Your order is on the way.

Your Order Number: **3290R**

Backend Development

Contribution of ID : 21201655 ,Name: Sanjida Arefin Rimu

In Backend part, i was responsible for manager “Sign-up” , “Login” and “Logout” , “Custmer registered Success”, “manager registered success”Pages. Along with that i have also developed “Search Food” feature in the Foodlist Page.To implement those pages ,login_m.php,login_u.php,logout_m.php,logout_u.php,Customersignup.php,managersignup.php,foodlist.php has been used.I have put in my best effort to minimize any potential errors in the code.

Login_m.php:: it validates the information given in the manager login page from the frontend.

```

login_m.php X myrestaurant.php managersignup.php customersignup.php connection.php
login_m.php
1 <?php
2 session_start();
3 $login_error='';
4
5 if (isset($_POST['submit'])) {
6 if (empty($_POST['username']) || empty($_POST['password'])) {
7 $login_error = "Username or Password is invalid";
8 }
9 else
10 {
11
12 $username=$_POST['username'];
13 $password=$_POST['password'];
14 require 'connection.php';
15 $conn = Connect();
16
17
18 $query = "SELECT username, password FROM MANAGER WHERE username=? AND password=? LIMIT 1";
19
20 $stmt = $conn->prepare($query);
21 $stmt -> bind_param("ss", $username, $password);
22 $stmt -> execute();
23 $stmt -> bind_result($username, $password);
24 $stmt -> store_result();
25
26 if ($stmt->fetch())
27 {
28     $_SESSION['login_user1']=$username;
29     header("location: myrestaurant.php");
30 } else {
31     $login_error = "Invalid Credentials";
32 }
33 mysqli_close($conn);
34 }
35 }
36 ?>

```

Login_u.php: it validates the information given in the user login page from the frontend.

The screenshot shows a code editor with multiple tabs at the top: 'login_m.php', 'login_u.php' (which is the active tab), 'myrestaurant.php', 'managersignup.php', and 'customersignup.php'. The code in the 'login_u.php' tab is a PHP script for user login. It includes logic to check if a user is already logged in, prepare and execute a MySQL query to select user credentials from the CUSTOMER table, and handle the result to either log the user in or set an error message. The code uses session variables like \$_SESSION['login_user2'] and header redirection to 'foodlist.php'.

```
9 else
10 {
11
12 $username=$_POST['username'];
13 $password=$_POST['password'];
14
15 require 'connection.php';
16 $conn = Connect();
17
18
19 $query = "SELECT username, password FROM CUSTOMER WHERE username=? AND password=? LIMIT 1";
20
21 $stmt = $conn->prepare($query);
22 $stmt -> bind_param("ss", $username, $password);
23 $stmt -> execute();
24 $stmt -> bind_result($username, $password);
25 $stmt -> store_result();
26
27 if ($stmt->fetch())
28 {
29     $_SESSION['login_user2']=$username;
30     header("location: foodlist.php");
31 } else {
32     $login_error = "Invalid Credentials";
33 }
34 mysqli_close($conn);
35 }
36 }
37 ?>
```

Customer_signup.php: it validates the information given in the Customer_signup page.

```

signup.php      * customer_signup.php      * connection.php      * loadlist.php      * customer_registered_success.php      * manager_registered_sucess.php
customer_registered_success.php
38         </ul>
39     </div>
40
41     </div>
42     </nav>
43
44 <?php
45
46 require 'connection.php';
47 $database = Connect();
48
49 $fullname = $database->real_escape_string($_POST['fullname']);
50 $username = $database->real_escape_string($_POST['username']);
51 $email = $database->real_escape_string($_POST['email']);
52 $contact = $database->real_escape_string($_POST['contact']);
53 $address = $database->real_escape_string($_POST['address']);
54 $password = $database->real_escape_string($_POST['password']);
55
56 $query = "INSERT into CUSTOMER(fullname,username,email,contact,address,password) VALUES('" . $fullname . "','" . $username . "','" . $email . "','" . $contact . "','" . $address . "','" . $password . "')";
57 $success_operation = $database->query($query);
58
59 if (!$success_operation){
60     die("Could not enter the data: ". $database->error);
61 }
62
63 $database->close();
64
65 ?>
66

```

Manager_signup.php: It validates the information given in the manager_signup page.

```

manager_registered_success.php
61         <li><a href="#"><span class="glyphicon glyphicon-user"></span> Sign Up </a></li>
62         <li><a href="#"><span class="glyphicon glyphicon-log-in"></span> Login </a></li>
63     </ul>
64   </div>
65
66 </div>
67 </nav>
68
69 <?php
70
71 require 'connection.php';
72 $database = Connect(); //database
73
74 $fullname = $database->real_escape_string($_POST['fullname']); //database
75 $username = $database->real_escape_string($_POST['username']); //database
76 $email = $database->real_escape_string($_POST['email']); //database
77 $contact = $database->real_escape_string($_POST['contact']); //database
78 $address = $database->real_escape_string($_POST['address']);
79 $password = $database->real_escape_string($_POST['password']); //database
80
81 $query = "INSERT into MANAGER(fullname,username,email,contact,address,password) VALUES('" . $fullname . "','" . $username . "','" . $email . "','" . $contact . "','" . $address . "','" . $password . "')";
82 $success_operation = $database->query($query); //database
83
84 if (!$success_operation ){
85     die("Could not enter the data". $database->error); //Could not enter the data, database
86 }
87
88 $database->close();
89
90 ?>
91
92 <div class="container">
93     <div class="jumbotron" style="text-align: center;">
94         <h1>?php echo "Welcome $fullname!" ?> <!-- h1 -->
95         <h2>Your account has been created.</h2> <!-- h2 -->
96     </div>

```

Logout_m.php: It logs out manager

A screenshot of a terminal window titled "foodcraze". The window has a dark blue background and a light blue header bar. In the header bar, there are tabs for "view", "Go", "Run", "terminal", and "Help". Below the tabs, there are several file icons with their names: "login_m.php", "logout_m.php" (which is currently selected and highlighted in yellow), "myrestaurant.php", "managersignup.php", "customersignup.php", and "connection". The main area of the terminal shows the source code for "logout_m.php". The code is as follows:

```
1 <?php
2 session_start();
3 if(session_destroy()) // Destroying All Sessions
4 {
5 header("Location: managerlogin.php"); // Redirecting To Home Page
6 }
7 ?>
```

Logout_u.php:it logs out user

A screenshot of a terminal window titled "foodcraze". The window has a dark blue background and a light blue header bar. In the header bar, there are tabs for "view", "Go", "Run", "terminal", and "Help". Below the tabs, there are several file icons with their names: "login_m.php", "logout_u.php" (which is currently selected and highlighted in yellow), "myrestaurant.php", "managersignup.php", "customersignup.php", and "connection". The main area of the terminal shows the source code for "logout_u.php". The code is as follows:

```
1 <?php
2 session_start();
3 if(session_destroy()) // Destroying All Sessions
4 {
5 header("Location: customerlogin.php"); // Redirecting To Home Page
6 }
7 ?>
```

Search_Food in Foodlist.php: this handles a search feature for food items, and if a search term is provided, it fetches relevant records. otherwise, it retrieves all enabled food items from the database.

```
 148
149
150 <div class="container" style="width:95%;">
151 <!-- Display all Food from food table -->
152 <?php
153
154 require 'connection.php';
155 $conn = Connect();
156
157 if (isset($_GET['submit'])) {
158     $q = $_GET['q'];
159     $searchTerm = "%" . $q . "%";
160     $sql = "SELECT * FROM FOOD WHERE options = 'ENABLE' AND name LIKE '$searchTerm' ORDER BY F_ID";
161     $result = mysqli_query($conn, $sql);
162 }
163 else{
164     $sql = "SELECT * FROM FOOD WHERE options = 'ENABLE' ORDER BY F_ID";
165     $result = mysqli_query($conn, $sql);
166 }
167
168 }
169
170 if (mysqli_num_rows($result) > 0)
171 {
172     $count=0;
173
174     while($row = mysqli_fetch_assoc($result)){
175         if ($count == 0)
176             echo "<div class='row'>";
177
178     ?>
179     <div class="col-md-3">
180
181     <form method="post" action="cart.php?action=add&id=<?php echo $row["F_ID"]; ?>">
182     <div class="mypanel" align="center">
183     " class="img-responsive">
184     <h4 class="text-dark"><?php echo $row["name"]; ?></h4>
```

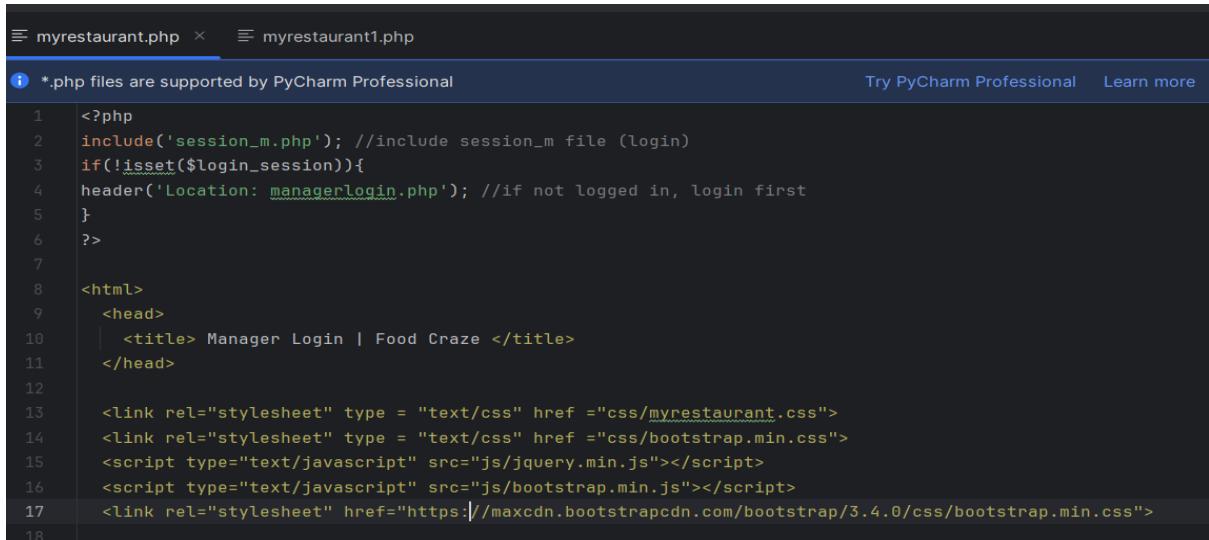
Share ⌚ 1 hr 20 mins Ln 140, Col 19 Spaces: 2 UTF-8

Contribution of ID : 21301399, Name : Ramisa Anjum

In the backend development phase, I have designed the manager profile. My attention was to create an intuitive and user-friendly interface for efficient online management of restaurant-related tasks. I tried my best to reduce technical errors as much as possible. In this part, I have focused on implementing new restaurants for new managers, adding, editing, deleting food items, viewing food items and orders. I have used PHP, CSS and HTML in my files.

To add new restaurant, I have used two files and linked them up. One is for an old manager who already has a restaurant, and the other is for a new manager who will add a new restaurant. “myrestaurant.php” and “myrestaurant1.php” file is being used for this purpose.

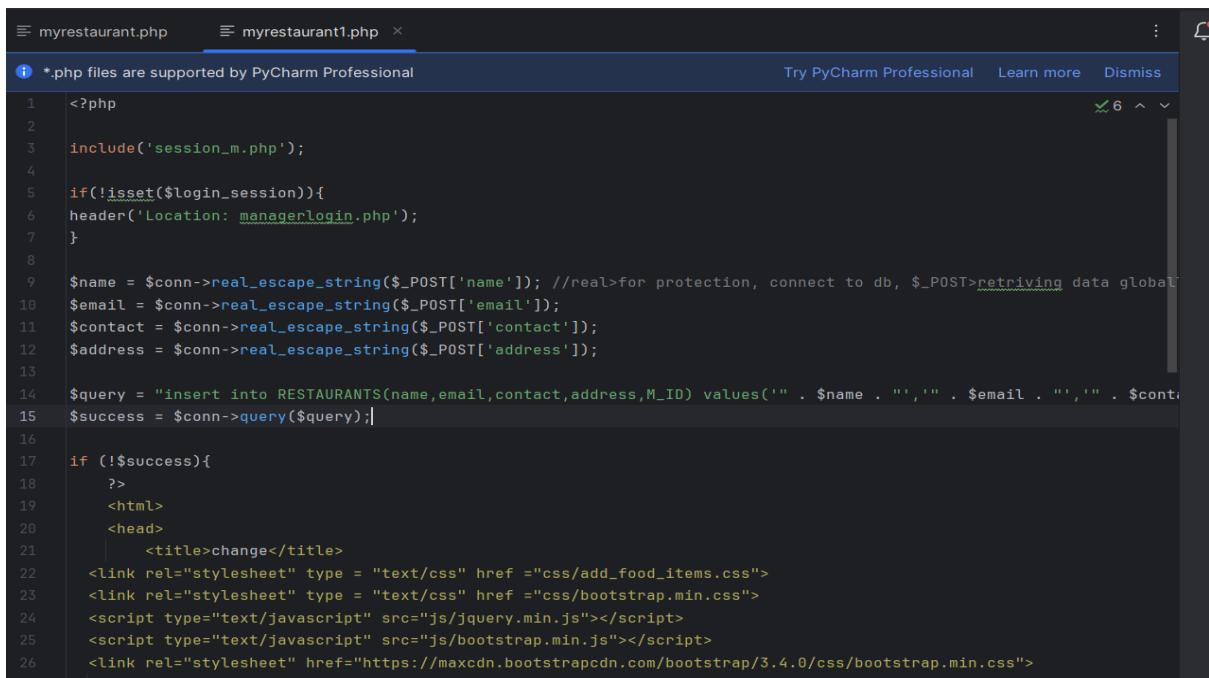
myrestaurant.php:



```

myrestaurant.php × myrestaurant1.php
Try PyCharm Professional Learn more
1 <?php
2 include('session_m.php'); //include session_m file (login)
3 if(!isset($login_session)){
4 header('Location: managerlogin.php'); //if not logged in, login first
5 }
6 ?>
7
8 <html>
9   <head>
10    |   <title> Manager Login | Food Craze </title>
11   </head>
12
13   <link rel="stylesheet" type = "text/css" href ="css/myrestaurant.css">
14   <link rel="stylesheet" type = "text/css" href ="css/bootstrap.min.css">
15   <script type="text/javascript" src="js/jquery.min.js"></script>
16   <script type="text/javascript" src="js/bootstrap.min.js"></script>
17   <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.0/css/bootstrap.min.css">
18

```



```

myrestaurant.php myrestaurant1.php
Try PyCharm Professional Learn more Dismiss
1 <?php
2
3 include('session_m.php');
4
5 if(!isset($login_session)){
6 header('Location: managerlogin.php');
7 }
8
9 $name = $conn->real_escape_string($_POST['name']); //real>for protection, connect to db, $_POST>retrieving data global
10 $email = $conn->real_escape_string($_POST['email']);
11 $contact = $conn->real_escape_string($_POST['contact']);
12 $address = $conn->real_escape_string($_POST['address']);
13
14 $query = "insert into RESTAURANTS(name,email,contact,address,M_ID) values('" . $name . "','" . $email . "','" . $contact . "','" . $address . "')";
15 $success = $conn->query($query);
16
17 if (!$success){
18    ?>
19    <html>
20      <head>
21        <title>change</title>
22        <link rel="stylesheet" type = "text/css" href ="css/add_food_items.css">
23        <link rel="stylesheet" type = "text/css" href ="css/bootstrap.min.css">
24        <script type="text/javascript" src="js/jquery.min.js"></script>
25        <script type="text/javascript" src="js/bootstrap.min.js"></script>
26        <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.0/css/bootstrap.min.css">

```

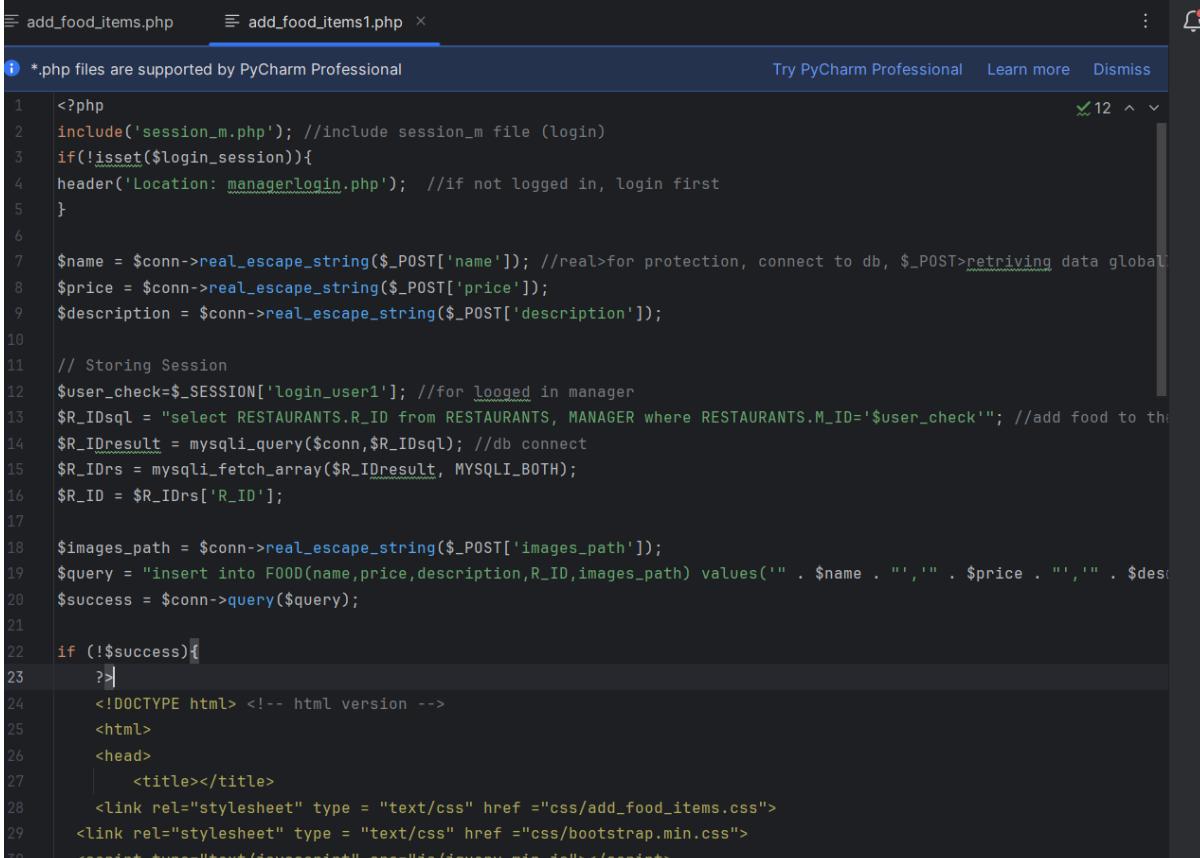
```

54     </div>
55     </nav>
56     <div class="container" > <!-- control layout -->
57     <div class="jumbotron" style="text-align: center;"> <!-- control layout -->
58         <h1>Your already have one restaurant.</h1>
59         <p>Go back to your <a href="view_food_items.php">Restaurant</a></p>
60     </div>
61 </div>
62
63     </body>
64 </html>
65
66
67     <?php
68 }
69 else {
70     header('Location: myrestaurant.php');
71 }
72 $conn->close(); //close db
73 ?>

```

Adding food items impact the database as well. So, there should be a db connection must..

add_food_items.php:



```

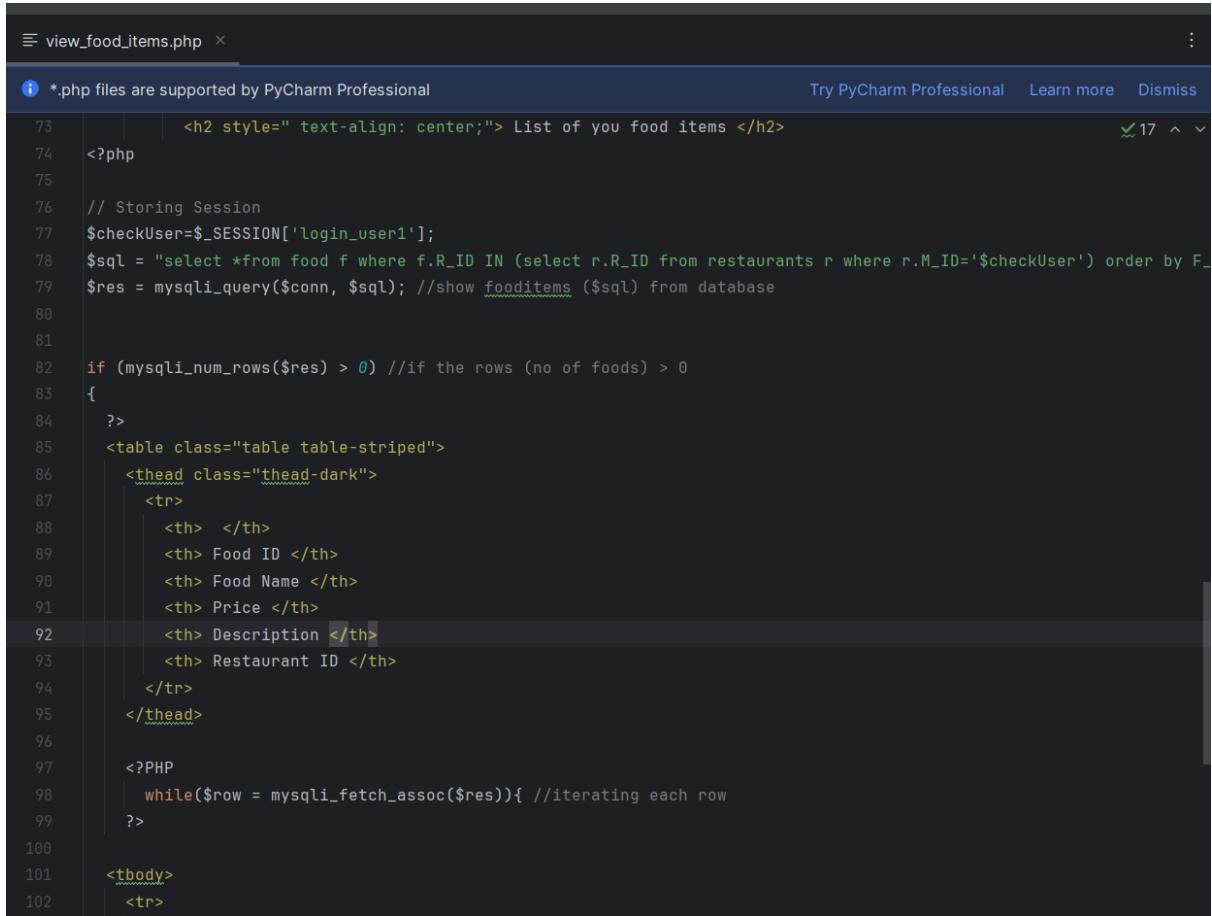
add_food_items.php      add_food_items1.php x
* .php files are supported by PyCharm Professional
Try PyCharm Professional Learn more Dismiss
1 <?php
2 include('session_m.php'); //include session_m file (login)
3 if(!isset($login_session)){
4 header('Location: managerlogin.php'); //if not logged in, login first
5 }
6
7 $name = $conn->real_escape_string($_POST['name']); //real>for protection, connect to db, $_POST>retriving data global
8 $price = $conn->real_escape_string($_POST['price']);
9 $description = $conn->real_escape_string($_POST['description']);
10
11 // Storing Session
12 $user_check=$_SESSION['login_user1']; //for logged in manager
13 $R_IDsql = "select RESTAURANTS.R_ID from RESTAURANTS, MANAGER where RESTAURANTS.M_ID='".$user_check"'; //add food to the
14 $R_IDresult = mysqli_query($conn,$R_IDsql); //db connect
15 $R_IDrs = mysqli_fetch_array($R_IDresult, MYSQLI_BOTH);
16 $R_ID = $R_IDrs['R_ID'];
17
18 $images_path = $conn->real_escape_string($_POST['images_path']);
19 $query = "insert into FOOD(name,price,description,R_ID,images_path) values('" . $name . "','" . $price . "','" . $des
20 $success = $conn->query($query);
21
22 if (!$success){
23 ?>
24 <!DOCTYPE html> <!-- html version -->
25 <html>
26     <head>
27         <title></title>
28         <link rel="stylesheet" type = "text/css" href ="css/add_food_items.css">
29         <link rel="stylesheet" type = "text/css" href ="css/bootstrap.min.css">
30         <script type="text/javascript" src="js/jquery.min.js"></script>

```

To see added food items in manager profile, I have implemented view_food_items.phpfile.

A manager can see the items that are available to his/her allocated restaurant.

view_food_items.php:



The screenshot shows the PyCharm Professional IDE interface with the file 'view_food_items.php' open. The code is a PHP script that displays a list of food items from a database. It starts with a header section, followed by session handling, a SQL query to fetch data, and an if-statement to check if rows exist. If true, it prints an HTML table with columns for Food ID, Food Name, Price, Description, and Restaurant ID. A while loop iterates through the results, and the code ends with a tbody tag. The code is well-formatted with syntax highlighting and line numbers.

```
73 |     <h2 style=" text-align: center;"> List of your food items </h2>
74 | <?php
75 |
76 | // Storing Session
77 | $checkUser=$_SESSION['login_user1'];
78 | $sql = "select * from food f where f.R_ID IN (select r.R_ID from restaurants r where r.M_ID='$checkUser') order by F_
79 | $res = mysqli_query($conn, $sql); //show fooditems ($sql) from database
80 |
81 |
82 | if (mysqli_num_rows($res) > 0) //if the rows (no of foods) > 0
83 | {
84 | ?>
85 | <table class="table table-striped">
86 |   <thead class="thead-dark">
87 |     <tr>
88 |       <th> </th>
89 |       <th> Food ID </th>
90 |       <th> Food Name </th>
91 |       <th> Price </th>
92 |       <th> Description </th>
93 |       <th> Restaurant ID </th>
94 |     </tr>
95 |   </thead>
96 |
97 |   <?PHP
98 |     while($row = mysqli_fetch_assoc($res)){ //iterating each row
99 | ?>
100 |
101 |   <tbody>
102 |     <tr>
```

Besides, for updating food items like food name, price, description, image etc, I've developed edit_food_itemss.php.

edit_food_itemss.php:

edit_food_items.php

*.php files are supported by PyCharm Professional

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```

73     <div style="text-align: center;">
74         <h3>Select Food to Edit <br><br><br></h3>
75     </div>
76
77 <?php
78     if (isset($_GET['submit'])) { //$_GET>retrieving data
79         $F_ID = $_GET['dfid'];
80         $name = $_GET['dname'];
81         $price = $_GET['dprice'];
82         $description = $_GET['ddescription'];
83
84         $query = mysqli_query($conn, "update food set name='$name', price='$price', description='$description' where F_ID=$F_ID");
85     }
86     $query = mysqli_query($conn, "select *from food f where f.R_ID IN (select r.R_ID from RESTAURANTS r where r.M_ID='1'");
87     while ($row = mysqli_fetch_array($query)) { //iterating rows
88         ?>
89         <div class="list-group" style="text-align: center;">
90             <?php
91             echo "<b><a href='edit_food_items.php?update= {$row['F_ID']}>{$row['name']}

```

```

iv class="container"> <!-- control layout -->
iv class="col-md-6">
div class="form-area" >
    <form action="edit_food_items.php" method="GET">
        <br>
        <h3> Edit your Food from here </h3>
        <div class="form-group" > <!-- bootstrap -->
            <input class='input' type='hidden' name="dfid" value=<?php echo $row1['F_ID']; ?> />
        </div>

        <div class="form-group">
            <label for="username"><span class="text-danger" style="margin-right: 5px;">*</span> Food Name: </label>
            <input type="text" class="form-control" id="dname" name="dname" value=<?php echo $row1['name']; ?> placeholder="Food Name" />
        </div>

        <div class="form-group">
            <label for="username"><span class="text-danger" style="margin-right: 5px;">*</span> Food Price: </label>
            <input type="text" class="form-control" id="dprice" name="dprice" value=<?php echo $row1['price']; ?> placeholder="Food Price" />
        </div>

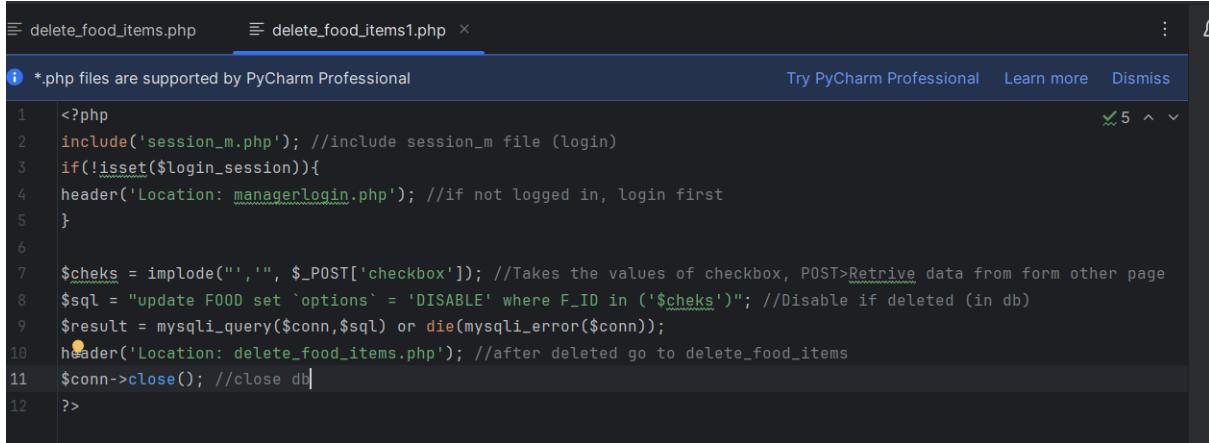
        <div class="form-group">
            <label for="username"><span class="text-danger" style="margin-right: 5px;">*</span> Food Description: </label>
            <input type="text" class="form-control" id="ddescription" name="ddescription" value=<?php echo $row1['desc']; ?> placeholder="Food Description" />
        </div>

        <div class="form-group">
            <button type="submit" id="submit" name="submit" class="btn btn-primary pull-right" onclick="display_alert()">Submit</button>
        </div>

```

Certainly, there are situations where a manager might find it necessary to remove food items from the system. For this, I developed delete_food_items.php. If a manager deletes a food item, it will be disabled to the database file as well. Otherwise it will remain enabled.

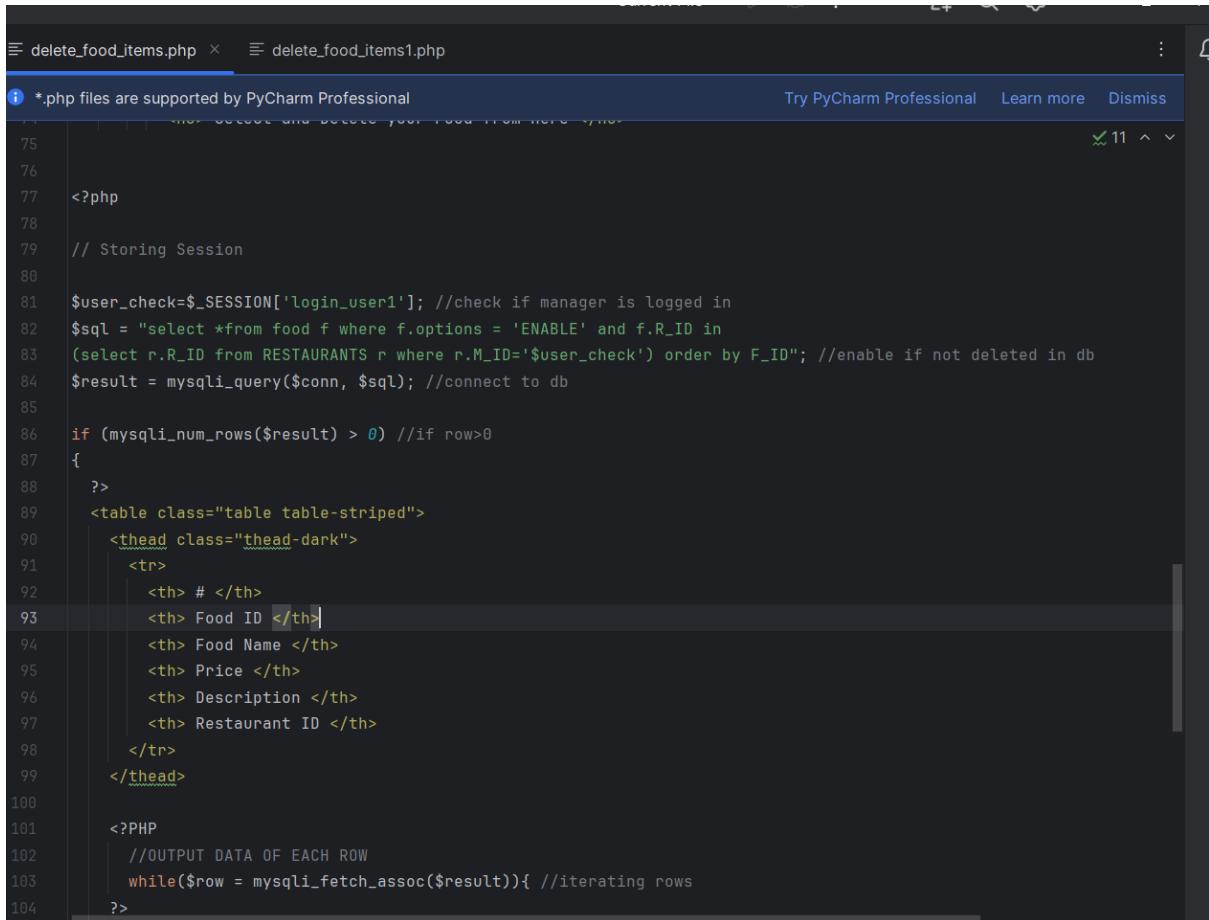
delete_food_items.php:



```

1 <?php
2 include('session_m.php'); //include session_m file (login)
3 if(!isset($login_session)){
4 header('Location: managerlogin.php'); //if not logged in, login first
5 }
6
7 $check = implode("", $_POST['checkbox']); //Takes the values of checkbox, POST>Retrive data from form other page
8 $sql = "update FOOD set `options` = 'DISABLE' where F_ID in ('$check')"; //Disable if deleted (in db)
9 $result = mysqli_query($conn,$sql) or die(mysqli_error($conn));
10 header('Location: delete_food_items.php'); //after deleted go to delete_food_items
11 $conn->close(); //close db
12 ?>

```



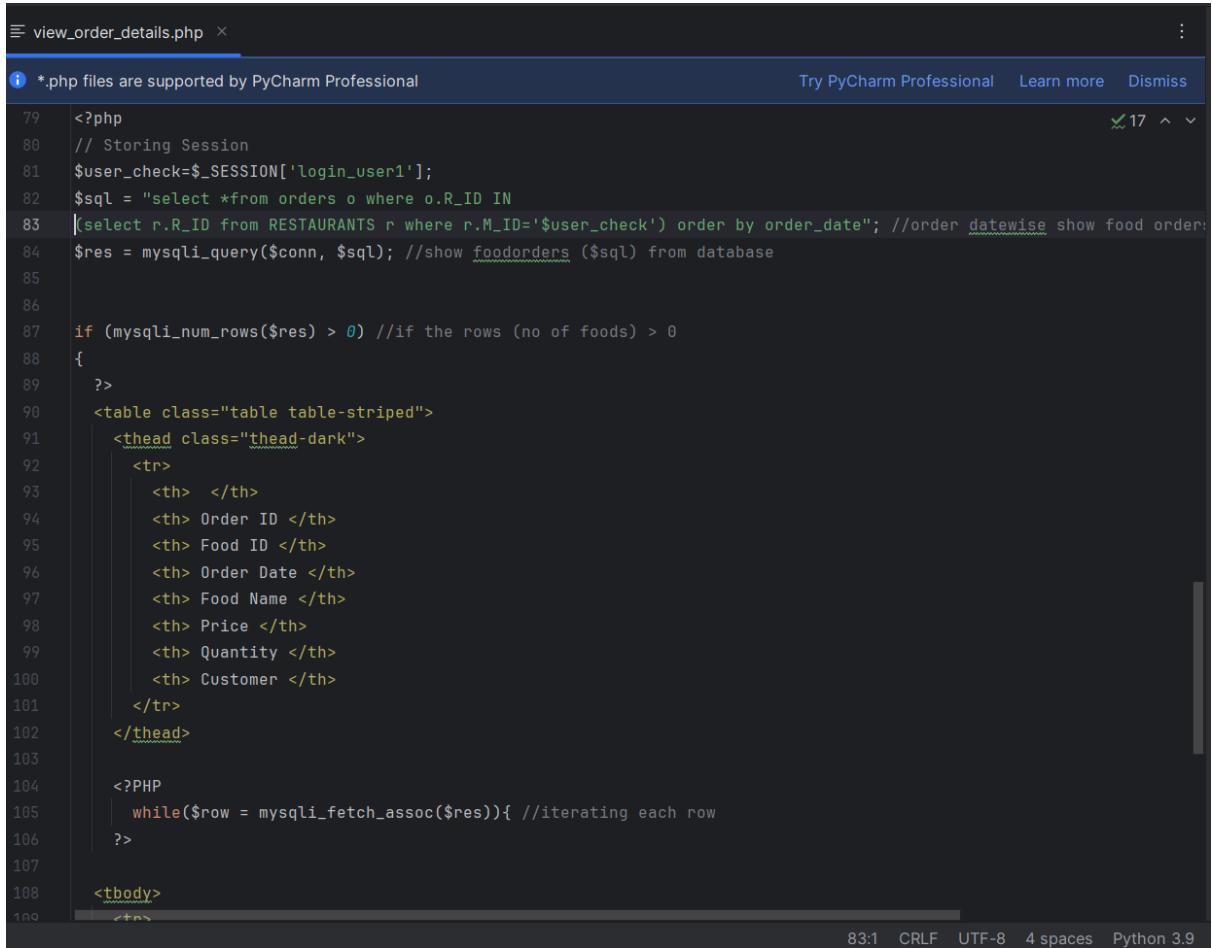
```

75
76
77 <?php
78 // Storing Session
79
80 $user_check=$_SESSION['login_user1']; //check if manager is logged in
81 $sql = "select *from food f where f.options = 'ENABLE' and f.R_ID in
82 (select r.R_ID from RESTAURANTS r where r.M_ID='$user_check') order by F_ID"; //enable if not deleted in db
83 $result = mysqli_query($conn, $sql); //connect to db
84
85
86 if (mysqli_num_rows($result) > 0) //if row>0
87 {
88 ?>
89 <table class="table table-striped">
90 <thead class="thead-dark">
91 <tr>
92 <th> # </th>
93 <th> Food ID </th>
94 <th> Food Name </th>
95 <th> Price </th>
96 <th> Description </th>
97 <th> Restaurant ID </th>
98 </tr>
99 </thead>
100
101 <?PHP
102 //OUTPUT DATA OF EACH ROW
103 while($row = mysqli_fetch_assoc($result)){ //iterating rows
104 ?>

```

Besides, a manager can see what orders he/she can get per day. view_order_details.php has been designed for this purpose.

view_order_details.php:



The screenshot shows the PyCharm Professional interface with the file 'view_order_details.php' open. The code is a PHP script that retrieves order details from a MySQL database. It starts with session handling and a query to get restaurant IDs for the user. It then checks if there are rows in the result and prints an HTML table with columns for Order ID, Food ID, Order Date, Food Name, Price, and Quantity. A while loop iterates through each row to print the table body. The code is annotated with line numbers from 79 to 108.

```
<?php
// Storing Session
$user_check=$_SESSION['login_user1'];
$sql = "select *from orders o where o.R_ID IN
(select r.R_ID from RESTAURANTS r where r.M_ID='$user_check') order by order_date"; //order datewise show food order
$res = mysqli_query($conn, $sql); //show foodorders ($sql) from database

if (mysqli_num_rows($res) > 0) //if the rows (no of foods) > 0
{
    ?>
<table class="table table-striped">
    <thead class="thead-dark">
        <tr>
            <th> </th>
            <th> Order ID </th>
            <th> Food ID </th>
            <th> Order Date </th>
            <th> Food Name </th>
            <th> Price </th>
            <th> Quantity </th>
            <th> Customer </th>
        </tr>
    </thead>
    <?PHP
        while($row = mysqli_fetch_assoc($res)){ //iterating each row
    ?>
        <tbody>
            <tr>
```

83:1 CRLF UTF-8 4 spaces Python 3.9

```
    <th> Quantity </th>
    <th> Customer </th>
</tr>
</thead>

<?PHP
|   while($row = mysqli_fetch_assoc($res)){ //iterating each row
?>

<tbody>
<tr>
    <td> <span class="glyphicon glyphicon-menu-right"></span> </td> <!-- food values from input in orderfooditems -->
    <td><?php echo $row["order_ID"]; ?></td>
    <td><?php echo $row["F_ID"]; ?></td>
    <td><?php echo $row["order_date"]; ?></td>
    <td><?php echo $row["foodname"]; ?></td>
    <td><?php echo $row["price"]; ?></td>
    <td><?php echo $row["quantity"]; ?></td>
    <td><?php echo $row["username"]; ?></td>
</tr>
</tbody>

<?php } ?>
</table>
<br>
<?php } else { ?>
<h3> 0 RESULTS </h3> <!-- if no foodorders show 0 result -->
<?php } ?>
    </form>
</div>
</div>
```

Contribution of ID : 20121006, Name : Mashook Mohammad meshkat

As I was responsible for designing the “Food List” feature, along with the “Index/Home”, “about us”, and “contact us” features, I had to implement those pages codes using php and database connections in the Backend Development part. My idea was to do it good as much as possible, without any technical errors, and create a user-friendly interface.

For every page, at first, I had to start the php files, like the others files, by initializing a session, setting up the basic structure of an HTML page. Then, like the other pages files, the code defines a navigation bar with links to home, about, and contact pages. The navigation bar is fixed at the top of the page. Then, the code generates a navigation bar with different options based on the user's login status, including welcome messages, control panels, and logout links for managers and regular users. It also provides sign-up and login options for users and managers who are not logged in at the top navigation bar. These are some of the parts I designed that exist in most of the other php file.

```
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
}

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>
```

```

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

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

```

Index Page php:

The main distinguishing part of this page's php code is the given below:

```

<?php
}
?>
</div>

</div>
</nav>

<div class="wide">
    <div ></div>
</div>
<center><a class="btn btn-success btn-lg" href="customerlogin.php" role="button" > Order Now </a></center>
</div>

</body>
</html>

```

This part of the code concludes the HTML structure of the webpage. It includes closing tags for various HTML elements. Additionally, it displays an image and a button inviting users to "Order Now." The button is linked to the "customerlogin.php" page.

So, it inserts an image with the source "images/FoodCraze.jpg". This image is our logo for our webpage. Also, it creates a centered button. The button is styled as a large, green button and links to the "customerlogin.php" page with the text "Order Now."

Food List Page php:

These are the main distinguishing code parts for the “food list” page, excluding the Search feature which I did not design:

```

<div class="jumbotron">
  <div class="container text-center">
    <h1>Welcome To Food Craze</h1>
    <p>Choose the Food Items that you Like to Order</p>

```

Here, it displays a heading with the text "Welcome To Food Craze" in a large font size. This is the main title. After that, it displays a paragraph with the text "Choose the Food Items that you Like to Order."

```

<!-- Display all Food from food table -->
<?php

require 'connection.php';
$conn = Connect();

if (isset($_GET['submit'])) {
$q = $_GET['q'];
$searchTerm = "%" . $q . "%";
$sql = "SELECT * FROM FOOD WHERE options = 'ENABLE' AND name LIKE '$searchTerm' ORDER BY F_ID";
$result = mysqli_query($conn, $sql);
}
else{
$sql = "SELECT * FROM FOOD WHERE options = 'ENABLE' ORDER BY F_ID";
$result = mysqli_query($conn, $sql);
}

if (mysqli_num_rows($result) > 0)
{
$count=0;

while($row = mysqli_fetch_assoc($result)){
  if ($count == 0)
    echo "<div class='row'>";

?>

```

```

<div class="col-md-3">

<form method="post" action="cart.php?action=add&id=<?php echo $row["F_ID"]; ?>">
<div class="mypanel" align="center">
<img src=<?php echo $row["images_path"]; ?> class="img-responsive">
<h4 class="text-dark"><?php echo $row["name"]; ?></h4>
<h5 class="text-info"><?php echo $row["description"]; ?></h5>
<h5 class="text-danger">&#2547; <?php echo $row["price"]; ?>/-</h5>
<h5 class="text-info">Quantity: <input type="number" min="1" max="25" name="quantity" class="form-control" value="1" style="width: 60px;"> </h5>
<input type="hidden" name="hidden_name" value=<?php echo $row["name"]; ?>">
<input type="hidden" name="hidden_price" value=<?php echo $row["price"]; ?>">
<input type="hidden" name="hidden_RID" value=<?php echo $row["R_ID"]; ?>">
<input type="submit" name="add" style="margin-top:5px;" class="btn btn-success" value="Add to Cart">
</div>
</form>

</div>

```

Here, the code connects with the database and checks for the food items available from the Food Table using SQL query, which is saved into \$row variable and then the page connects

with our database and retrieves the food items that are present in the Food Table to display in this page.

About us Page php:

```
</div>
</nav>

<div class="wide">

    <div class="tagline">Eat <font color="red"><strong><em>Healthy</em></strong></font>, Be <font color="green"><strong><em>Healthy</em></strong></font></div>
    <h2 style="color: purple"><center>About our Food Craze</center></h2>
    <br>
    <h3 style="color: black">Order food & beverages online from restaurants around you through us. <h3 style="color: black">We are dedicated to bringing you the best culin
    <br>
    <h2 style="color: purple"><center>TERMS AND CONDITIONS</center></h2>
    <br>
    <h4 style="color: black">
        1) Ordering: By placing an order through our online platform, you are agreeing to the terms and conditions set forth by Food Craze. All orders are subject to avail
        <br> 2) Delivery: We aim to deliver your order within the agreed time frame. However, delivery times may vary due to unforeseen circumstances. Delivery fees are outlined
        <br> 3) Food Quality: We uphold high standards of food quality and strive to provide the best products to our customers. If you have any concerns about the quality of
        <br> 4) Privacy and Data Security: We are committed to protecting your privacy and ensuring the security of your personal information. We handle your data in accordance
        <br> 5) Terms of Use: All users of the online ordering platform must comply with the terms of use, which include refraining from any unauthorized use of the platform and
        <br> 6) Liability and Disclaimers: Food Craze is not liable for any direct, indirect, or incidental damages arising from the use of our online food ordering system. We
        <br> 7) Intellectual Property: All content, trademarks, and intellectual property displayed on the platform are the property of [Your Company Name] and are protected by law.
        <br> 8) Governing Law: These terms and conditions are governed by the laws of Bangladesh. Any disputes arising in connection with these terms shall be subject to the jurisdiction
        <br> 9) Contact Information: If you have any questions or concerns about these terms and conditions, please contact us at 01234567890 or by filling up a contact form <
        <br>
        <h3 style="color: black">By using our Food Craze, you agree to abide by these terms and conditions. </h3>
    <br>
    <br>
</div>
```

This part of the code is the distinguishing part of the “About us” page. Here, it defines a section on a webpage introducing our webpage called "Food Craze" along with our mission, features, and terms and conditions. I used HTML and inline CSS styles to structure and style the content that were written in the “About us” page.

I tried to make it as much user-friendly as possible and kept it concise, providing important informations.

Contact Us Page php:

These parts of the code are the distinguishing parts of the “Contact Us” page:

```

        </div>
    </div>
</nav>
<br>

<div class="tagline">
<h1 style="color: purple"><center><strong>Want to contact <span class="edit"> Food Craze </span>?</strong></center></h1>
<br>
<h2 style="color: black"><center>You can call us at 01234567890 or fill up the following form</center></h2>
</div>

<div class="col-xs-12 line"><hr></div>

<div class="container" >
<div class="col-md-5" style="float: none; margin: 0 auto;">
<div class="form-area">
<form method="post" action="">
<br style="clear: both">
<h3 style="margin-bottom: 25px; text-align: center; font-size: 32px;"> Contact Form</h3>

<div class="form-group">
<input type="text" class="form-control" id="name" name="name" placeholder="Name" required autofocus="true">
</div>

<div class="form-group">
<input type="email" class="form-control" id="email" name="email" placeholder="Email" required>
</div>

<div class="form-group">
<input type="Number" class="form-control" id="mobile" name="mobile" placeholder="Mobile Number" required>
</div>

<div class="form-group">
<input type="text" class="form-control" id="subject" name="subject" placeholder="Subject" required>
</div>

<div class="form-group">
<textarea class="form-control" type="text" id="message" name="message" placeholder="Message" maxlength="140" rows="7"></textarea>
<span class="help-block"><p id="characterLeft" class="help-block">Max Character length : 150 </p></span>
</div>
<input type="submit" name="submit" type="button" id="submit" name="submit" class="btn btn-primary pull-right"/>
</form>

</div>
</div>

</div>
<?php

```

Here, a heading is added with purple text color, centered alignment, and strong emphasis. It includes the text "Want to contact Food Craze?" with our website name "Food Craze" highlighted. After that, a heading with black text color, centered alignment, and the text "You can call us at 01234567890 or fill up the following form." is added. This provides information about how to contact us in Food Craze using our hotline.

After that, the code executes a HTML form with "Contact Form" heading at first, and then gives the contact form with fields for the user's name, email, mobile number, subject, and message. For example, for the username, it adds a text input field for the user's name. It has an id of "name" for reference in CSS, the name "name" for form submission, a placeholder text "Name", and it's required. The autofocus attribute makes this field automatically focused when the page loads. Similarly, the other input fields are given.

```

if (isset($_POST['submit'])){
require 'connection.php';
$conn = Connect();

$Name = $conn->real_escape_string($_POST['name']);
$Email_Id = $conn->real_escape_string($_POST['email']);
$Mobile_No = $conn->real_escape_string($_POST['mobile']);
$Subject = $conn->real_escape_string($_POST['subject']);
$Message = $conn->real_escape_string($_POST['message']);

$query = "INSERT into contact(Name,Email,Mobile,Subject,Message) VALUES('$Name', '$Email_Id', '$Mobile_No', '$Subject', '$Message')";

$success = $conn->query($query);

if (!$success){
die("Couldnt enter data: ". $conn->error);
}

$conn->close();
}
?>

</body>

```

💡

```

</html>

```

Then, it connects with the database. The name, email, mobile, subject, and message inputted by the customer is saved into the 5 variables and then they are inserted into the database through a SQL query into our table named 'contact' with columns 'Name', 'Email', 'Mobile', 'Subject', and 'Message'. Then, it checks if the execution worked fine or not. If not, then it terminates the script and displays an error message.

So, a customer can fill up a contact form which is directly linked to our database table “Contact”. There are 5 boxes that needs to be filled up, namely Name, Email, Mobile Number, Subject, and Message that have a limit of maximum 150 words. After a customer fills this up, we can see their filled up form in our Database. Below is an example from our Database where we can see that a customer named Mashook filled up the form before, giving a review on our Food Quality Issue.

The screenshot shows the phpMyAdmin interface connected to a MySQL server at 127.0.0.1. The database selected is 'foodorder' and the table is 'contact'. The table has five columns: Name, Email, Mobile, Subject, and Message. One row is displayed, showing a record from a user named Mashook Mohammad Meshkat with the email mashook@gmail.com, mobile number 01775725487, subject 'Food Quality Issue', and message 'I did not like the pizza as it was too much spicy...'. The interface includes various navigation and operation buttons like Browse, Structure, SQL, Insert, Export, Import, Privileges, Operations, Tracking, and Triggers.

Contribution of ID : 20121012, Name : Nahiduzzaman Akib

In the backend development phase, I focused on designing the user interface for the shopping cart page, ensuring a seamless and visually intuitive representation of selected items, quantities, and pricing details. I integrated PHP sessions to store the number of cart items and accurately calculate the total cart price.

```
if(!empty($_SESSION["cart"]))
{
    ?>
    <div class="container">
        <div class="jumbotron">
            <h1>Your Shopping Cart</h1>
        </div>

    </div>
    <div class="table-responsive" style="padding-left: 100px; padding-right: 100px;" >
        <table class="table table-striped">
            <thead class="thead-dark">
                <tr>
                    <th width="40%">Food Name</th>
                    <th width="10%">Quantity</th>
                    <th width="20%">Price Details</th>
                    <th width="15%">Order Total</th>
                    <th width="5%">Action</th>
                </tr>
            </thead>
            <tbody>
                <?php
                    $total = 0;
                    foreach($_SESSION["cart"] as $keys => $values)
                    {
                ?>
                <tr>
                    <td><?php echo $values["food_name"]; ?></td>
                    <td><?php echo $values["food_quantity"] ?></td>
                    <td>&#2547; <?php echo $values["food_price"]; ?></td>
                    <td>&#2547; <?php echo number_format($values["food_quantity"] * $values["food_price"], 2); ?></td> //Price of Each Item
                    <td><a href="cart.php?action=delete&id=<?php echo $values["food_id"]; ?>"><span class="text-danger">Remove</span></a></td>
                </tr>
                <?php
                    $total = $total + ($values["food_quantity"] * $values["food_price"]); // Calculate Total price
                }
            </tbody>
        </table>
    </div>
}
```

If the Session of the Cart is empty that means no item is added to the cart then Error message will be displayed on the Cart and will be referred to the Food Zone page.

```
if(empty($_SESSION["cart"]))
{
    ?>
    <div class="container">
        <div class="jumbotron">
            <h1>Your Shopping Cart</h1>
        </div>
        <p>Oops! No item has been added. Go back and <a href="foodlist.php">order now.</a></p>
    </div>
    <br><br><br><br><br><br><br><br><br><br><br><br><br><br>
    <?php
}
```

I also implemented the logic for adding and removing items from the cart. I developed the logic for adding items to the cart, which included checking for existing items and updating their quantities accordingly. Additionally, I worked on the functionality that allows users to remove items from the cart, updating the session. First of all , if a user add a item in the cart it increments the quantity by 1. If a user removes an item it decrements the quantity in the cart by 1. If the quantity becomes 0 it removes the item from the cart.

```
$sql = "SELECT quantity FROM food WHERE F_id = ".$F_ID;

$result = mysqli_query($conn, $sql);

if($result){

    if($obj = mysqli_fetch_assoc($result)) {

        switch($action) {

            case "add":
                if($_SESSION['cart'][$F_ID]+1 <= $row["quantity"])
                    $_SESSION['cart'][$F_ID]++;
                break;

            case "remove":
                $_SESSION['cart'][$F_ID]--;
                if($_SESSION['cart'][$F_ID] == 0)
                    unset($_SESSION['cart'][$F_ID]);
                break;

        }
    }

    header("location:cart.php");
}
```

I also added functionality for users to choose their preferred payment method - Cash on delivery or Online Payment during checkout. For Online Payment, I have developed a Mobile Banking system where user will asked to input their mobile number and OTP.

```

<div class="jumbotron">
    <h1 class="text-center">Mobile Banking</h1>
    <p class="text-center">Enter your mobile number and OTP below.</p>
</div>
</div>
<div><center></center></div>
<div class="row">
    <div class="col-md-6 col-md-offset-3">
        <div class="mobile-banking-div">
            <div class="panel panel-default">
                <div class="panel-heading">

                    <div class="row">
                        <div class="col-md-12 col-sm-12 col-xs-12">
                            <h5 class="text-muted"> Mobile Number</h5>
                        </div>
                        <div class="col-md-12 col-sm-12 col-xs-12">
                            <input type="tel" class="form-control" placeholder="Enter your mobile number" required="" />
                        </div>
                    </div>
                    <br>
                    <div class="row">
                        <div class="col-md-12 col-sm-12 col-xs-12">
                            <span class="help-block text-muted small-font"> One-Time Password (OTP)</span>
                            <input type="text" class="form-control" placeholder="Enter OTP" required="" />
                        </div>
                    </div>
                    <br>
                    <div class="row">
                        <div class="col-md-6 col-sm-6 col-xs-6 pad-adjust">
                            <a href="payment.php"><input type="submit" class="btn btn-danger btn-block" value="CANCEL" required="" /></a>
                        </div>
                        <div class="col-md-6 col-sm-6 col-xs-6 pad-adjust">
                            <a href="COO.php"><input type="submit" class="btn btn-success btn-block" value="PROCEED" required="" /></a>
                        </div>
                    </div>
                </div>
            </div>
        </div>
    </div>
</div>

```

After successful payment, the user will be confirmed about their order and will generate a random order ID.

```

<h2 class="text-center"> Thank you for Ordering at Food Craze! Your order is on the way.</h2>

<?php
    $num1 = rand(1000, 9999);
    $letter = chr(rand(ord('A'), ord('Z')));
    $result = $num1 . $letter;
?>

<h3 class="text-center"> <strong>Your Order Number:</strong> <span style="color: red;"><?php echo "$result"; ?></span> </h3>

```

Conclusion

In summary, our group has successfully developed an efficient and secure Online Food Ordering System using HTML, CSS, PHP, and MySQL. This system offers customers a user-friendly interface to explore and purchase different kinds of food items seamlessly. By prioritizing user experience and data security, we have created a platform that enables easy browsing menus, placing orders, and safe payments from the comfort of their homes. Our project showcases our commitment to innovation and excellence, paving the way for a modernized and convenient e-commerce experience.

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