

ONLINE FOOD ORDERING MANAGEMENT SYSTEM

REVIEW REPORT

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for

DATABASE MANAGEMENT SYSTEM (CSE2004)

PROJECT COMPONENT

Submitted To

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VIT[®]
Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)

Abstract

The Online Food Ordering System is an essential requirement in these tough times of COVID-19 for the users as well as for the restaurant operators to run their business. The website will be very useful as there would be no contact between the users and the workers of the restaurant. Also this method of food ordering will save time of the customer as he/she will not have to wait to receive the order. This system manages and maintains the record of customers and their order online. This Website has been made in a very user friendly way where the customer can add or delete the food items very easily. The e-Menu provides more visually soothing information about menu items and drinks than a traditional paper menu. The simplicity and ease of access are the main features that facilitate ordering food in a restaurant. The menu bar will contain the different food varieties from which the user can select a particular food. The Online Ordering System also provides a cart in which the user can see which food dishes he/she ordered and the total amount to pay during the checkout. The billing system prepares the bill according to the delivered food and also the user can see the options through which the user can pay the bill like cash on delivery or online payment. Also there is a "contact us" page where the user can interact and review. This helps us to improve and improvise our food and other services. This system entirely reduces the unnecessary time. Every order is associated with an individual just like an individual seat at the table in a restaurant, and orders are built one customer at a time, just like on paper, but with greater accuracy.

Work break down structure template:

Team Member Registration Number	Name	Work Assigned
19BCE0215	Vibhu Kumar Singh	Database formation & normalisation
19BCE0568	Anamaya Vyas	Frontend
19BCE0634	Avnish Tiwari	Backend

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1. INTRODUCTION

1.1 OVERVIEW

Restaurant Management System is a web application. This system is developed to automate day to day activity of a restaurant. Restaurant is a kind of business that serves people all over world with ready-made food. This system is developed to provide service facility to restaurant and also to the customer.

1.2 MOTIVATION

This restaurant management system can be used by employees in a restaurant to handle the clients, their orders and can help them easily find free tables or place orders. The services that are provided is food ordering and reservation table management by the customer through the system online, customer information management and waiter information management, menu information management and report. The restaurant menu is organized by categories (appetizers, soups, salads, entrees, sides and drinks) of menu items.

1.3 OBJECTIVE

Main objective builds the system this is to provide ordering and reservation service by online to the customer. Each menu item has a name, price and associated recipe. A recipe for a menu item has a chef, preparation instruction sand associated ingredients. With this system online, ordering and reservation management will become easier and systematic to replace traditional system where are still using paper. To resister a meal online, the customer has to become a member first then he can access the later part of the site.

1.4 ORGANIZATION OF PROJECT

This project to facilitate customer for make online ordering and reservation. The option of becoming member was only an attempt to avoid (to some extent) placing the fake bookings. Online Restaurant management system is the system for managing the restaurant business. After successful login the customer can access the menu page with the items listed according to the desired time. The main point of developing this system is to help restaurant administrator manage the restaurant business and help customer for online ordering and reserve table. In proposed system user can search for a menu according to his choice i.e. according to price range and category of food and later he can order a meal.

2. PROJECT RESOURCE REQUIREMENT

2.1 SOFTWARE REQUIREMENTS

- MySQL
- PHP MyAdmin
- Sublime Text Editor (for frontend designing)

2.2 HARDWARE REQUIREMENTS

- Processor: Intel(R) Core(TM) i5-10210U CPU @ 1.60GHz, 2112 Mhz, 4 Core(s), 8 Logical Processor(s)
- System Type x64-based PC
- Version 10.0.19041 Build 19041

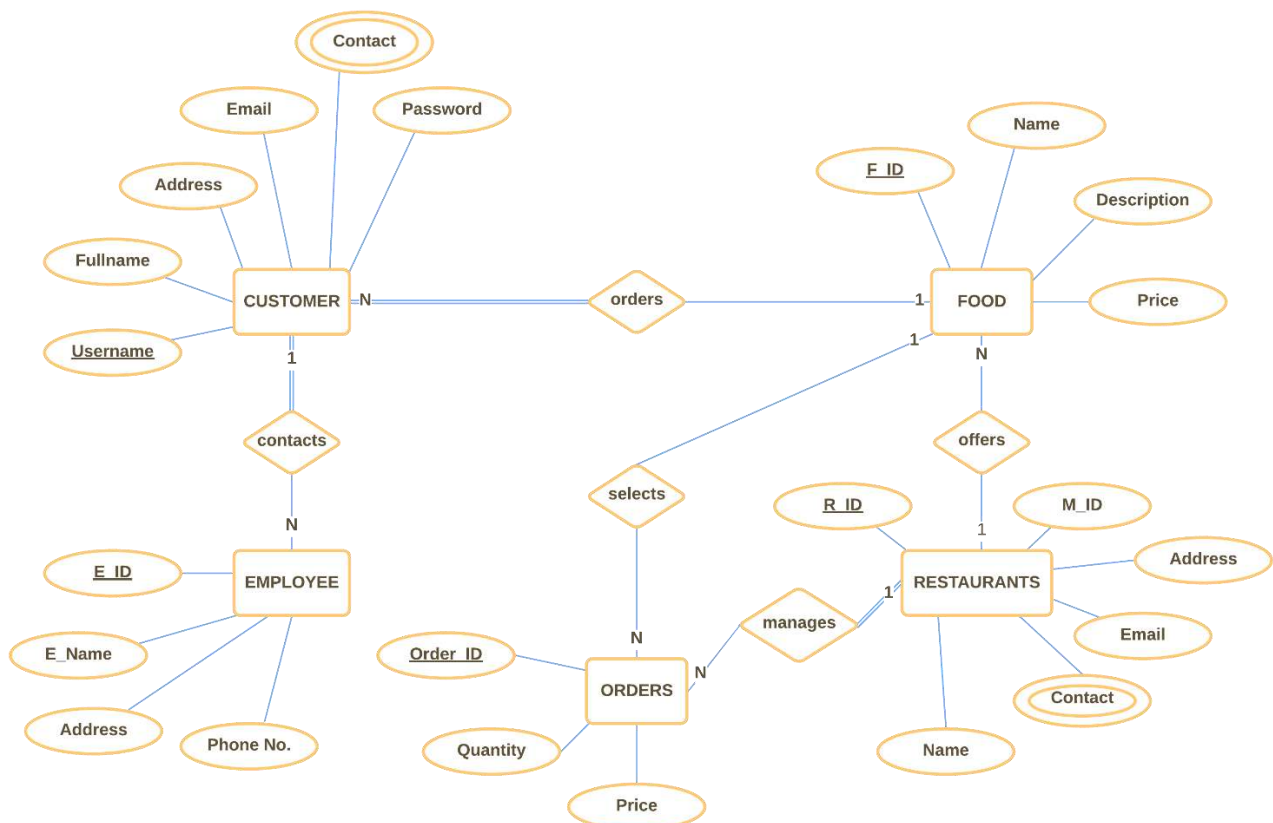
3. LITERATURE SURVEY

Author Details	Contribution	Research Gap
[1]Varsha Chavan, Priya Jadhav,Snehal Korade,Priyanka Teli,"Implementing Customizable Online Food Ordering System Using Web Based Application", International Journal of Innovative Science, Engineering Technology(IJSET) 2015.	In [1] Customer using a Smartphone is considered as a basic assumption for the system. When the customer approach to the restaurant, the saved order can be confirmed by touching the Smartphone. The list of selected pre ordered items shall be shown on the kitchen screen, and when confirmed, order slip shall be printed for further order processing.	In [1] they proposed a solution but still the customer has to go to their restaurant to pick up their order whereas in our method we provide delivery to the doorstep as time and health are very important in today's scenario.
[2]Adithya R., Abhishek Singh, Salma Pathan and Vaishnav Kanade. Online Food Ordering System. International Journal of Computer Applications 180(6):22-24, December 2017.	In [2] Their proposed system is a medium to order online food hassle free from restaurants as well as mess service. This system improves the method of taking orders from customers. The online food ordering system sets up a food menu online and customers can easily place the order as per their wish. Also with a food menu, customers can easily track the orders.	Lack of security for the login and password .Also the menu is not very compact and there is a lack of customer support in this.
[3]Kirti Bhandge, Tejas Shinde, Dheeraj Ingale, Neeraj Solanki, Reshma Totare,"A Proposed System for Touchpad Based Food Ordering System Using Android Application", International Journal of Advanced Research in Computer Science Technology (IJARCST 2015).	In [3] an automated food ordering system is proposed which will keep track of user orders smartly. Basically, they implemented a food ordering system for different type of restaurants in which user will make order or make custom food by one click only. The front end was developed using JAVA, Android and at the backend MySQL database was used.	In [3] there is a lack of customer support like there is no order tracking, the customer feedback is missing and also the person again has to go to the restaurant to make payment and collect the order.
[4]Patel, Mayurkumar, "Online Food Order System for Restaurants" (2015). Technical Library. Paper 219	In [4] there is a website designed primarily for use in the food delivery industry. This system will allow hotels and restaurants to increase scope of business by reducing the labor cost involved. The system also allows to quickly and easily manage an online menu which customers can browse and use to place orders with just a few clicks.	Again in [4] there is a lack of customer support there is now order tracking, no customer feedback and most importantly they have not given any mobile number of the delivery man so that the person who ordered can contact and know the status.

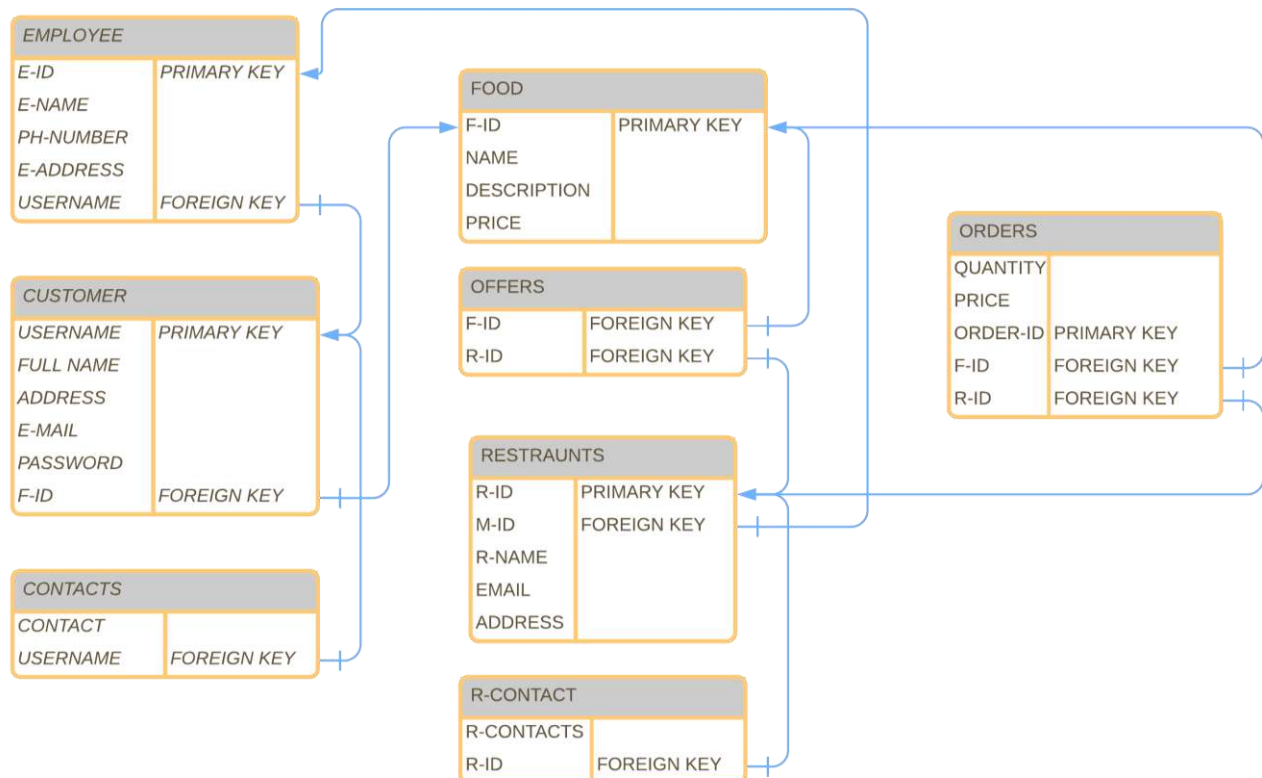
<p>[5] Khairunnisa K., Ayob J., Mohd. Helmy A. Wahab, M. Erdi Ayob, M. Izwan Ayob, M. Afif Ayob, "The Application of Wireless Food Ordering System" MASAUM Journal of Computing 2009.</p>	<p>In [5] research work aims to design and develop a wireless food ordering system in the restaurant. Technical operations of Wireless Ordering System (WOS) including systems architecture, function, limitations and recommendations were presented in this system. It minimizes human errors and provide higher quality customer service.</p>	<p>There must be a provision in this to order food from the home itself. This is automated but still the person has to come in the restaurant, pay the bills there and then eat or take out the order. The online ordering seems more convenient and feasible.</p>
<p>[6]Ye, T. (2016). Pizza Hot Digital Order and Delivery System(Doctoral dissertation, Cornell University).</p>	<p>This project is aimed to provide a customized solution of quicker and more satisfying food order and delivery system under the digital business trend. For the food order part, a website and mobile applications are implemented for customers to view dishes and place orders. Meanwhile, restaurant managers are able to manage dishes, orders, comments by logging in the website management dashboard.</p>	<p>No Phone number of the delivery guy for the tracking of order. Another problem is that only a particular type of food item is available in this website so there is basically no choice for the user.</p>
<p>[7]Swapna, V., & Khan, M. F. A. (2012). Design and Implementation of Ordering System for Restaurants. International Journal of Engineering Research & Technology (IJERT), 1(10).</p>	<p>The proposed method mainly aims in designing and implementing completely automated menu system in restaurants to provide a user-friendly ordering environment. There is no need of a waiter to take the order from the table. The menu will be displayed automatically on the ordering system attached to the table, where customer can directly order the menu.</p>	<p>Again the online technology is used in the restaurant itself. There is no option for online ordering and collecting of the food or to make the payment, we have to go into the restaurant to take and pay for our order.</p>
<p>[8]Reddy, S. K., Chaitanya, K. G. K., Abhinav, M., & Feiroz, K. T. H. (2016). An Online Food Court Ordering System. J Inform Tech Softw Eng, 6(10.4172), 2165-7866.</p>	<p>[8] This particular system provide the benefit of the easy ordering process online from anywhere along with ample choices for the customers in less time and less expenditures. This latest effort will definitely usher an edge in the existing manual platform used so far for such an important aspect along with greater flexibility and sophistication in the use of the technology.</p>	<p>In [8] there is no guest login and no customer support. The delivery person cannot be contacted and there is no feedback option so that the customer can contact and tell their problems.</p>

4. DESIGN OF THE PROJECT

4.1 ER DIAGRAM



4.2 ER TO RELATIONAL MAPPING (SCHEME DIAGRAM)



4.3 TABLE AND CONSTRAINTS

1. CUSTOMER

Attribute	Data Type	Constraint
Username	varchar2	Primary Key
Full Name	varchar2	NOT NULL
C_Address	varchar2	NOT NULL
F_ID	varchar2	Foreign Key Food(F_ID)
C_Email	varchar2	UNIQUE
C_ContactNo.	number(10)	UNIQUE
Password	varchar2	NOT NULL and length>Password>6)

2. FOOD

Attribute	Data Type	Constraint
F_ID	varchar2	Primary Key
F_Name	varchar2	NOT NULL
F_Price	number	NOT NULL and F_Price BETWEEN 50 and 2500
F_Description	varchar2	NOT NULL

3. RESTAURANT

Attribute	Data Type	Constraint
R_ID	varchar2	Primary Key
M_ID	varchar2	Foreign Key Employee(E_ID)
R_Address	varchar2	NOT NULL
R_Email	varchar2	UNIQUE
R_Contact	number	UNIQUE
R_Name	varchar2	NOT NULL

4. ORDER

Attribute	Data Type	Constraint
Order_ID	varchar2	Primary Key
Quantities	number	NOT NULL
Price	number	NOT NULL
F_ID	varchar2	Foreign Key Food(F_ID)
R_ID	varchar2	Foreign Key Restaurant(R_ID)

5. EMPLOYEE

Attribute	Data Type	Constraint
E_ID	varchar2	Primary Key
E_Name	varchar2	NOT NULL
E_Address	varchar2	NOT NULL
E_PhoneNo.	number	UNIQUE
Username	varchar2	Foreign Key Customer(Username)

5. NORMALIZED TABLES

1. EMPLOYEE/MANAGER TABLE

Functional Dependencies:

E_ID → **F_Name**

E_ID → **Address**

E_ID → **Phone_No**

Candidate Keys: **E_ID**

2 NF: Since, every F.D. (a->b) doesn't contain partial dependency, therefore table is in 2 NF.

3 NF: For each F.D. (a->b), either a is superkey or b is a prime attribute, therefore table is in 3 NF.

BCNF: Since for each F.D. (a->b) a is the candidate key. Therefore table is in BCNF form.

Final Table (Normalized):

EMPLOYEE
E-ID
E-NAME
PH-NUMBER
E-ADDRESS

2. CUSTOMER TABLE

Functional Dependencies:

Username, Password → **Full Name**

Username, Password → **Full Name**

Username, Password → **Full Name**

Candidate Keys: **Username, Password**

2 NF: Since, every F.D. (a->b) doesn't contain partial dependency, therefore table is in 2 NF.

3 NF: For each F.D. (a->b), either a is superkey or b is a prime attribute, therefore table is in 3 NF.

BCNF: Since for each F.D. (a->b) a is the candidate key. Therefore table is in BCNF form.

Final Table (Normalized):

CUSTOMER
USERNAME
FULL NAME
ADDRESS
E-MAIL
PASSWORD

3. CUSTOMER CONTACTS TABLE

Functional Dependencies:

Username \rightarrow **Contact**

Candidate Keys: **Username**

2 NF: Since, every F.D. ($a \rightarrow b$) doesn't contain partial dependency, therefore table is in 2 NF.

3 NF: For each F.D. ($a \rightarrow b$), either a is superkey or b is a prime attribute, therefore table is in 3 NF.

BCNF: Since for each F.D. ($a \rightarrow b$) a is the candidate key. Therefore table is in BCNF form.

Final Table (Normalized):

CONTACTS
CONTACT
USERNAME

4. FOOD TABLE

Functional Dependencies:

F_ID \rightarrow **Name**

F_ID \rightarrow **Description**

F_ID \rightarrow **Price**

Candidate Keys: **F_ID**

2 NF: Since, every F.D. ($a \rightarrow b$) doesn't contain partial dependency, therefore table is in 2 NF.

3 NF: For each F.D. ($a \rightarrow b$), either a is superkey or b is a prime attribute, therefore table is in 3 NF.

BCNF: Since for each F.D. ($a \rightarrow b$) a is the candidate key. Therefore table is in BCNF form.

Final Table (Normalized):

FOOD
F-ID
NAME
DESCRIPTION
PRICE

5. ORDERS TABLE

Functional Dependencies:

E_ID → F_Name

E_ID → Address

E_ID → Phone_No

Candidate Keys: **E_ID**

2 NF: Since, every F.D. (a->b) doesn't contain partial dependency, therefore table is in 2 NF.

3 NF: For each F.D. (a->b), either a is superkey or b is a prime attribute, therefore table is in 3 NF.

BCNF: Since for each F.D. (a->b) a is the candidate key. Therefore table is in BCNF form.

Final Table (Normalized):

ORDERS
QUANTITY
PRICE
ORDER-ID

6. RESTAURANTS TABLE

Functional Dependencies:

R_ID, M_ID → R_Name

R_ID, M_ID → R_Address

R_ID, M_ID → E-Mail

Candidate Keys: **Username, Password**

2 NF: Since, every F.D. (a->b) doesn't contain partial dependency, therefore table is in 2 NF.

3 NF: For each F.D. (a->b), either a is superkey or b is a prime attribute, therefore table is in 3 NF.

BCNF: Since for each F.D. (a->b) a is the candidate key. Therefore table is in BCNF form.

Final Table (Normalized):

RESTAURANTS
R-ID
M-ID
R-NAME
EMAIL
ADDRESS

7. CUSTOMER CONTACTS TABLE

Functional Dependencies:

$R_ID \rightarrow R_Contact$

Candidate Keys: **R_ID**

2 NF: Since, every F.D. ($a \rightarrow b$) doesn't contain partial dependency, therefore table is in 2 NF.

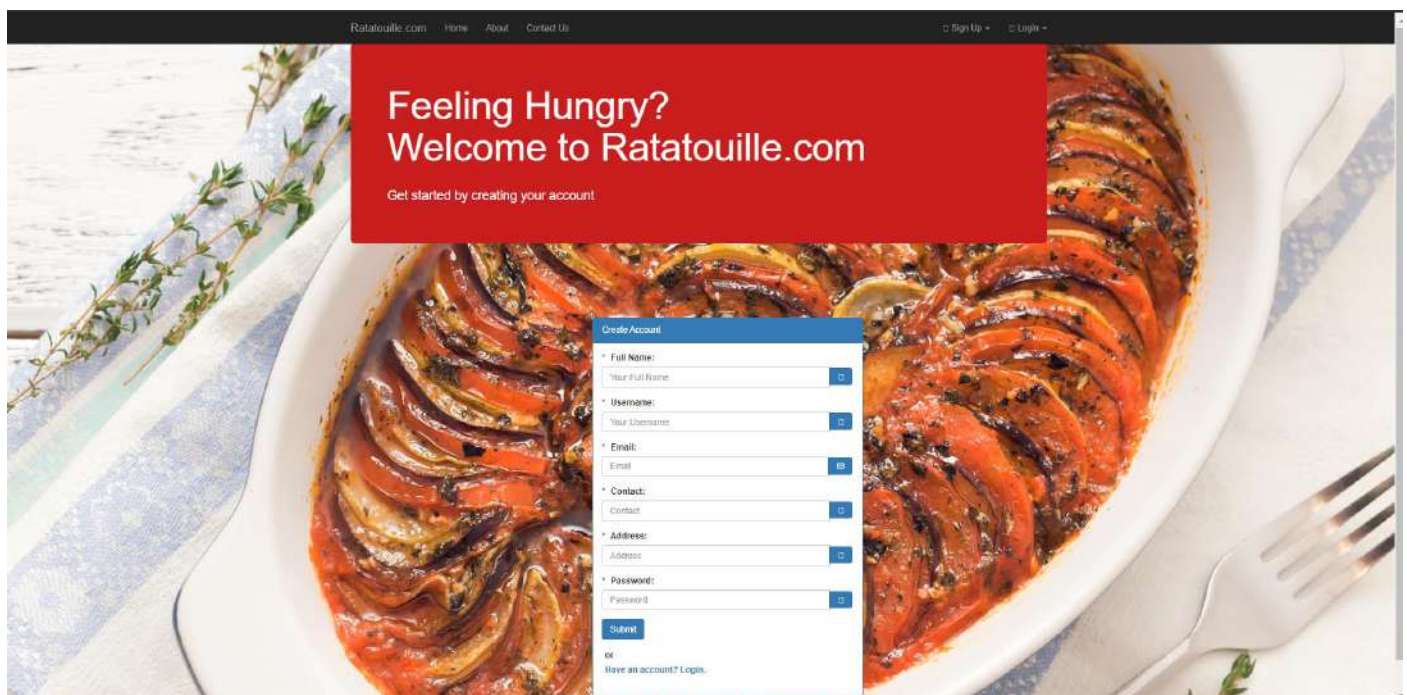
3 NF: For each F.D. ($a \rightarrow b$), either a is superkey or b is a prime attribute, therefore table is in 3 NF.

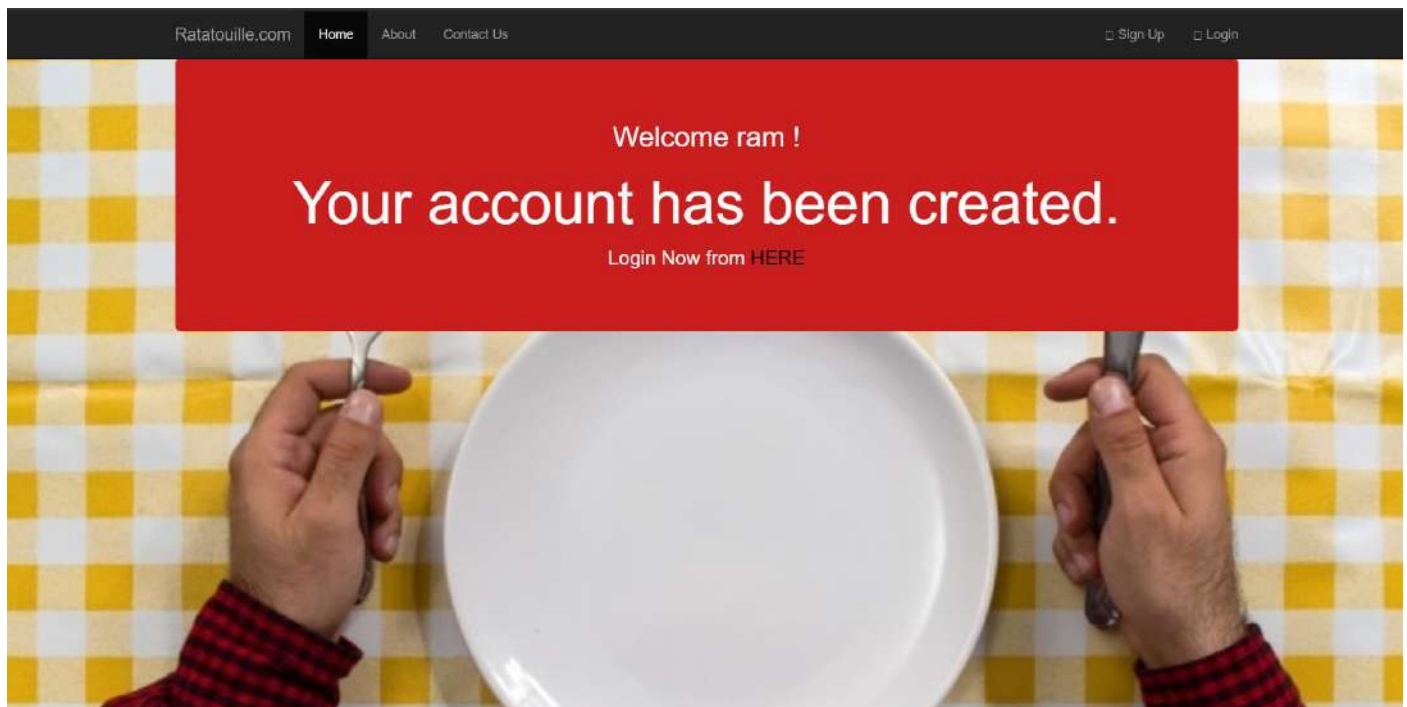
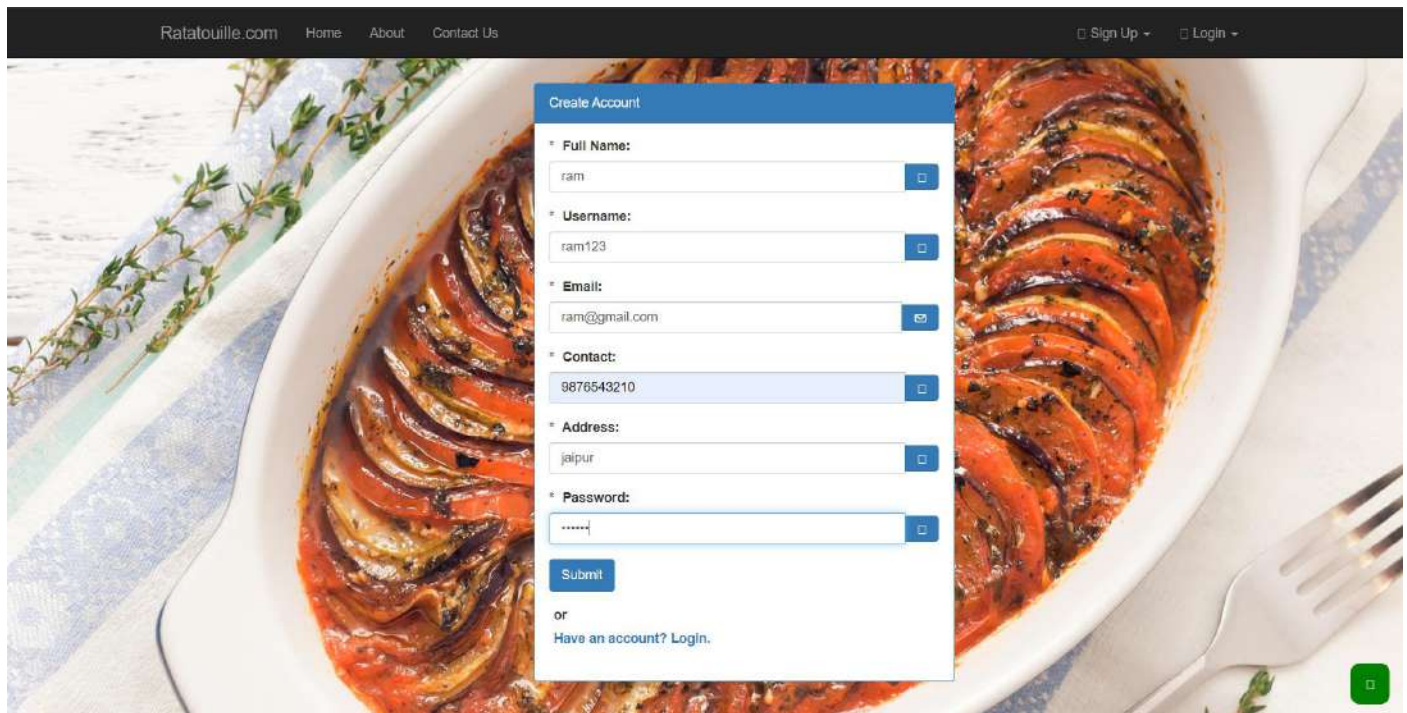
BCNF: Since for each F.D. ($a \rightarrow b$) a is the candidate key. Therefore table is in BCNF form.

Final Table (Normalized):

R-CONTACT
R-CONTACTS
R-ID

6. OUTPUT SCREENSHOTS





Hi Guest, Welcome to Ratatouille.com

Login

* Username:

* Password:

or

[Create a new account.](#)



Login

* Username:

* Password:

or

[Create a new account.](#)

Username or Password is invalid

Login

* Username:

* Password:

or

[Create a new account.](#)

Login

* Username:

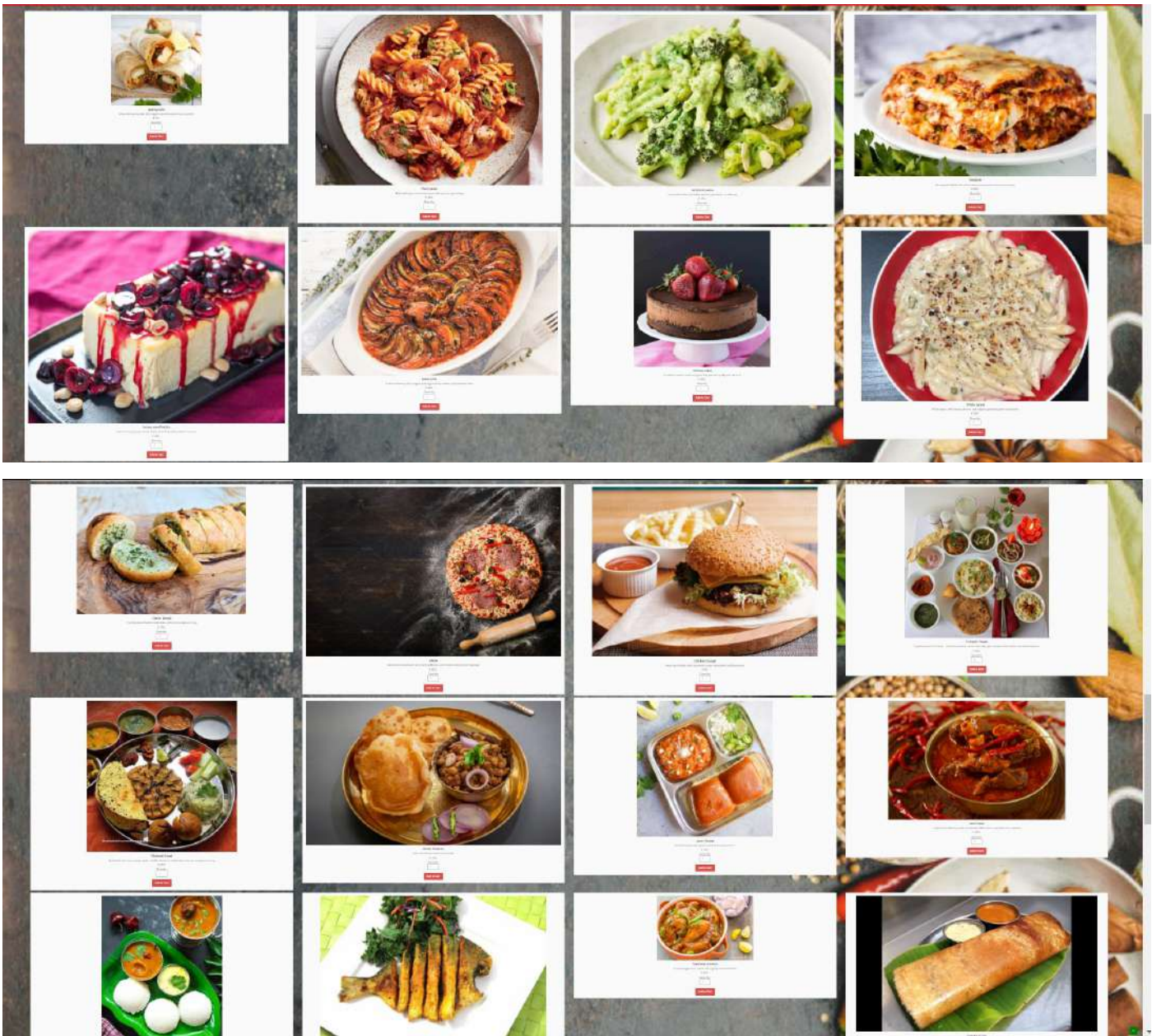
* Password:

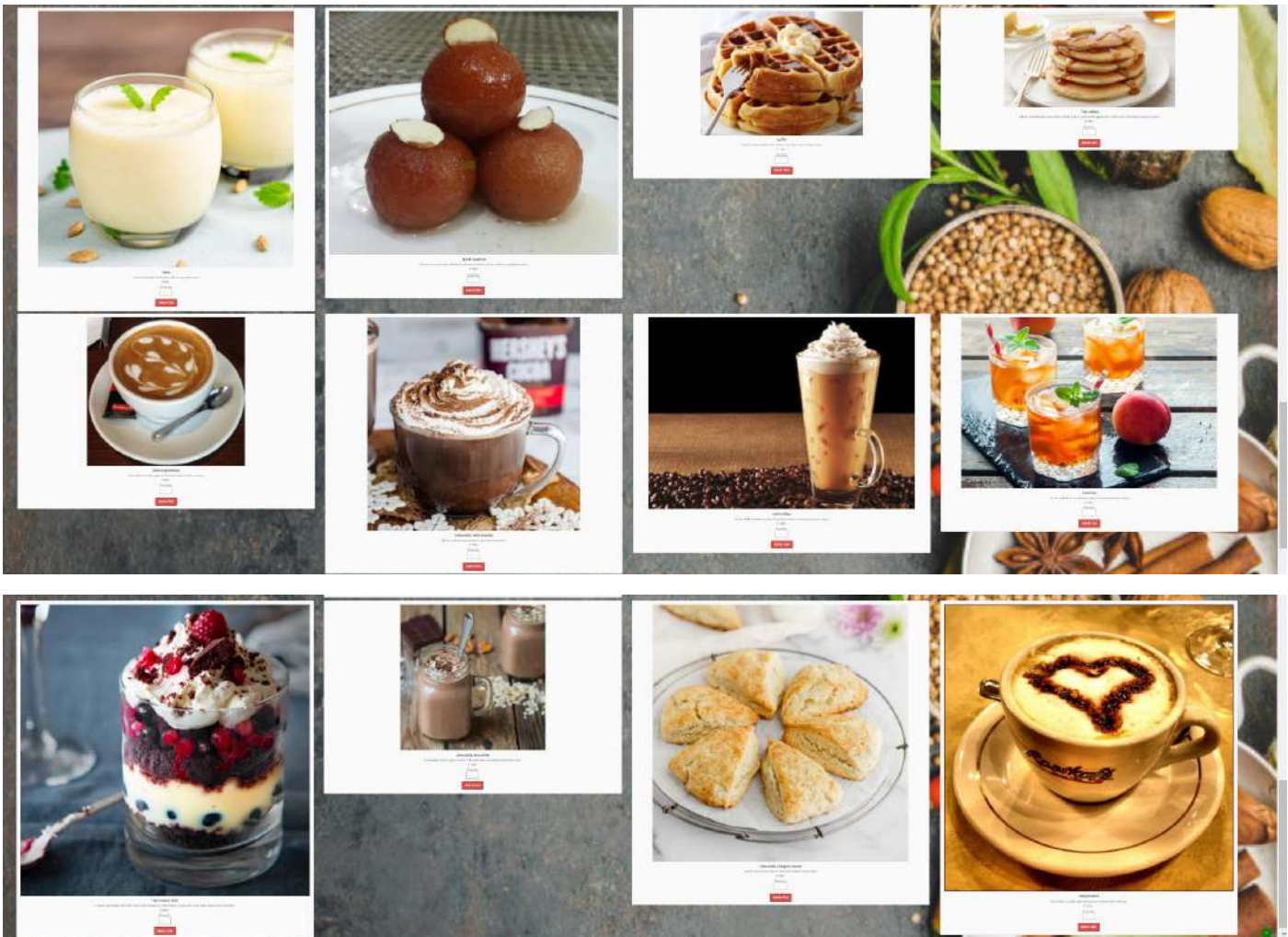
or

[Create a new account.](#)



Welcome To Ratatouille.com'





[Ratatouille.com](#)
[Home](#)
[About](#)
[Contact Us](#)
Welcome ram123
Food Zone
Cart (0)
Log Out

Your Shopping Cart

Oops! We can't smell any food here. Go back and order now.

[Ratatouille.com](#)[Home](#)[About](#)[Contact Us](#)

[Welcome ram123](#)[Food Zone](#)[Cart \(5\)](#)[Log Out](#)

Your Shopping Cart

yummmmmmm!!!

Food Name	Quantity	Price Details	Order Total	Action
Moose cake	2	₹ 250	₹ 500.00	Remove
White pasta	2	₹ 120	₹ 240.00	Remove
waffle	2	₹ 130	₹ 260.00	Remove
lassi	3	₹ 68	₹ 204.00	Remove
laal maas	1	₹ 300	₹ 300.00	Remove
Total			₹ 1,504.00	Check Out

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

[Ratatouille.com](#)[Home](#)[About](#)[Contact Us](#)

[Welcome ram123](#)[Food Zone](#)[Cart \(5\)](#)[Log Out](#)

Choose your payment option


Grand Total: ₹1504/-

Including all service charges. (no delivery charges applied)

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

Online Payment

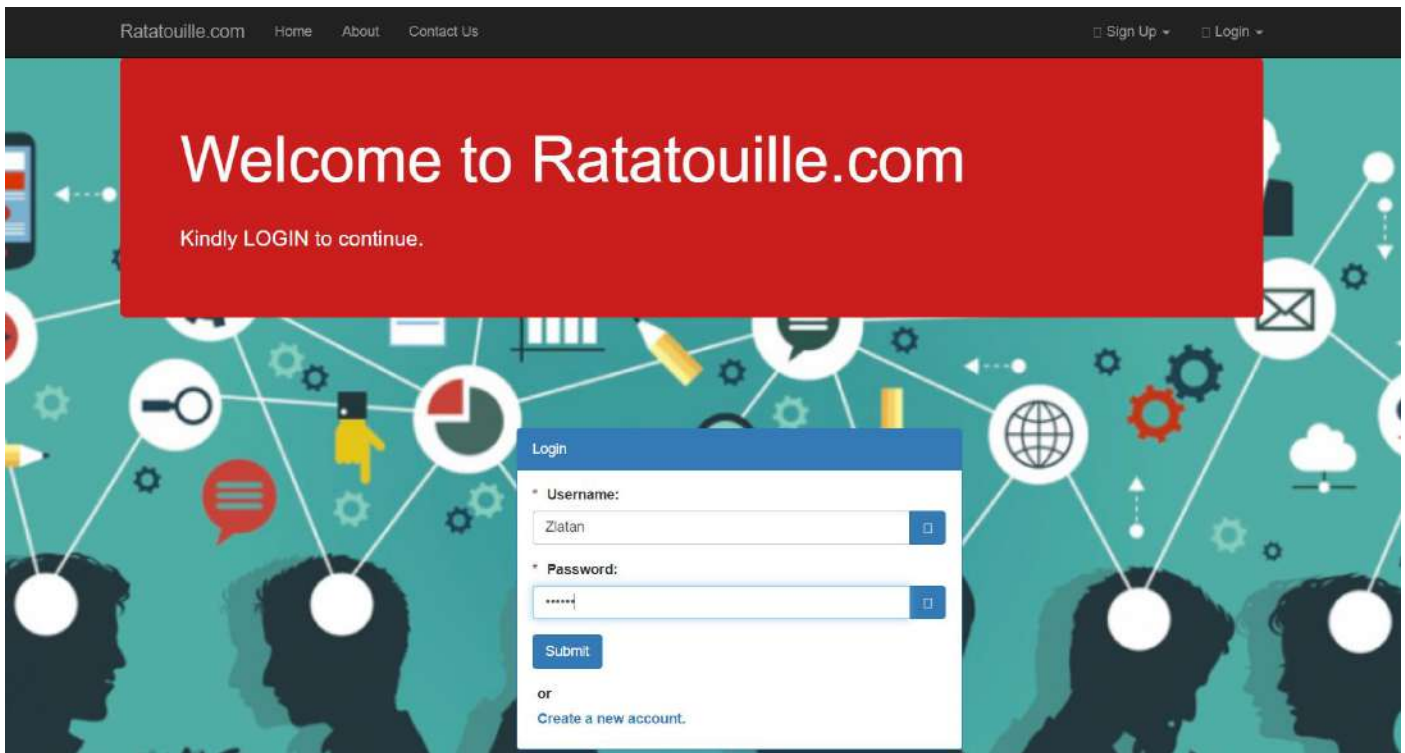
Enter your payment details below.

Credit Card Number			
<input type="text" value="0000"/>	<input type="text" value="0000"/>	<input type="text" value="0000"/>	<input type="text" value="0000"/>
Expiry Month	Expiry Year	CCV	
<input type="text" value="MM"/>	<input type="text" value="YY"/>	<input type="text" value="CCV"/>	
<input type="text" value="Name On The Card"/>			
<input checked="" type="checkbox"/> Save details for fast payments. Learn More			
<input type="button" value="CANCEL"/>		<input type="button" value="PAY NOW"/>	

Order Placed Successfully.

Thank you for Ordering at Ratatouille.com!
The ordering process is now complete.

Your Order Number: [323637452269147716](#)



Hello Manager!

Manage all your restaurant from here

My Restaurant

[View Food Items](#)
[Add Food Items](#)
[Edit Food Items](#)
[Delete Food Items](#)

MY RESTAURANT

[ADD RESTAURANT](#)

Manage your restaurant from here

My Restaurant

[View Food Items](#)
[Add Food Items](#)
[Edit Food Items](#)
[Delete Food Items](#)
[View Order Details](#)

YOUR FOOD ITEMS LIST

Food ID	Food Name	Price	Description	Restaurant ID
112	waffle	130	baked crispy waffles with honey, chocolate and maple syrup	9
113	Pan cakes	180	Sweet and delicious pan cakes, easily melt in your mouth good when taken with chocolate syrup or honey	9
114	latte expressico	90	Hot coffee to make your mood even better in the morning	9
115	chocolate dark mocha	120	Sweet and creamy mocha is just what you need	9
116	cold coffee	190	An ice chilled leathery coffee to cool you down in burning summer days	9
117	iced tea	150	An ice chilled tea to cool you down in burning summer days	9
118	Red velvet trifle	600	A sweet and sugar soft trifle made with strawberry and raspberry syrup with each layer batter than the other	9
119	chocolate smoothie	195	A chocolate extravaganza with milk and coffee complimenting each other	9
120	chocolate chipped scone	150	sweet scones and nice to have with a latte in one hand	9
121	cappuccino	150	Hot coffee to make your mood even better in the morning	9

Manage your restaurant from here

My Restaurant

Add Food Items

Edit Food Items

Delete Food Items

ADD NEW FOOD ITEM HERE

red moose cake

200

sweet cake

max.jpg

ADD FOOD

Red velvet trifle

A sweet and sugar soft trifle made with strawberry and raspberry syrup with each layer batter than the other

₹ 600/-

Quantity:

1

Add to Cart

chocolate smoothie

A chocolate extravaganza with milk and coffee complementing each other

₹ 195/-

Quantity:

1

Add to Cart

chocolate chipped scone

sweet scones and nice to have with a latte in one hand

₹ 150/-

Quantity:

1

Add to Cart

cappuccino

Hot coffee to make your mood even better in the morning

₹ 150/-

Quantity:

1

Add to Cart

red moose cake

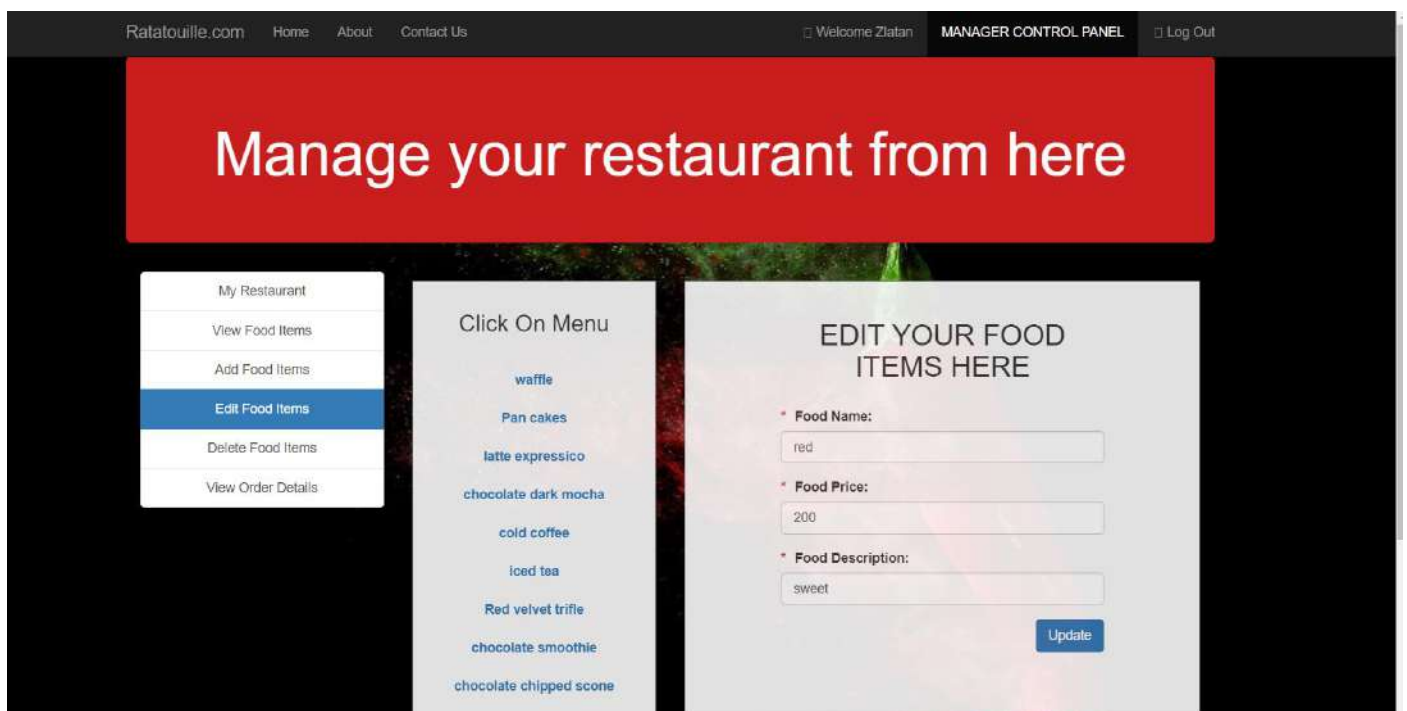
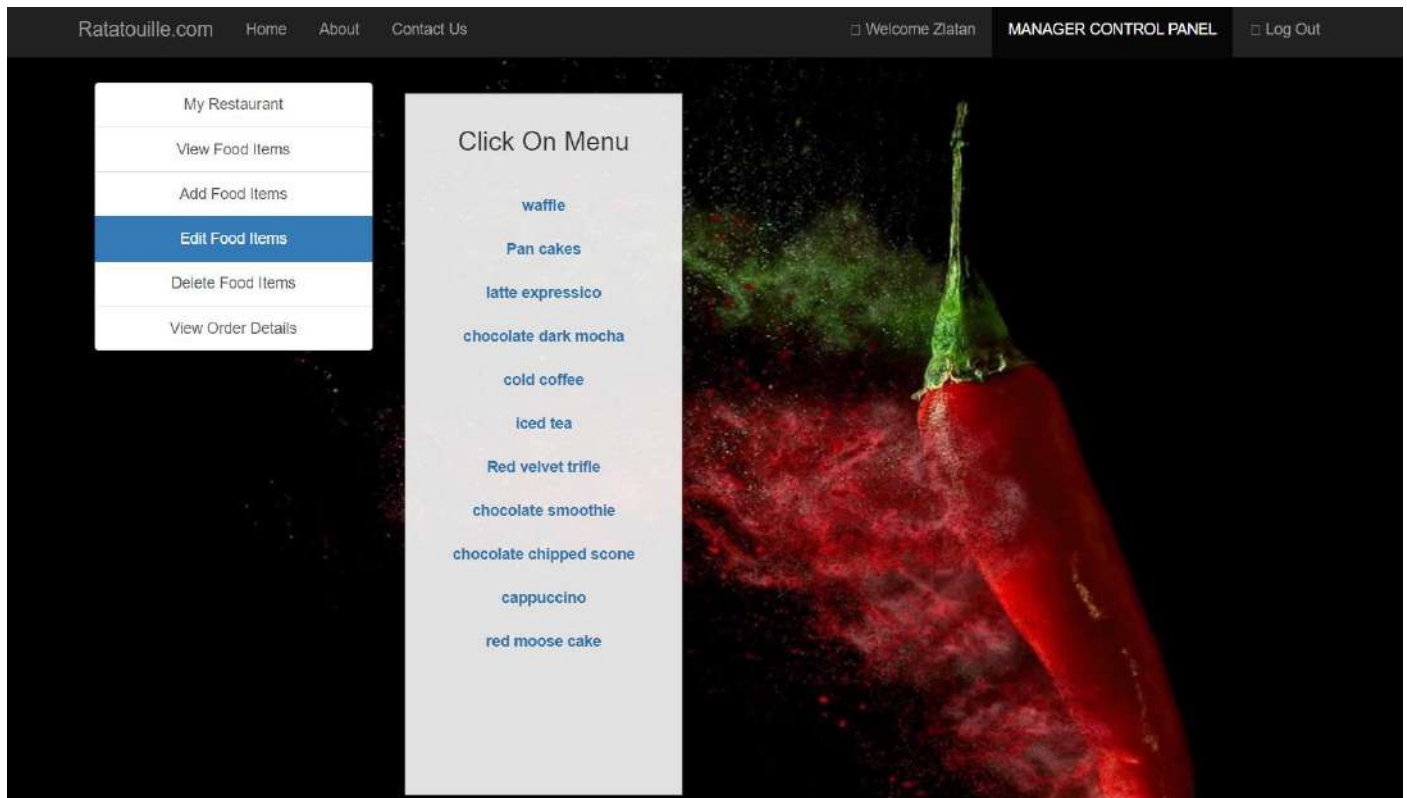
sweet cake

₹ 200/-

Quantity:

1

Add to Cart



[Ratatouille.com](#) [Home](#) [About](#) [Contact Us](#) Welcome Zlatan **MANAGER CONTROL PANEL** [Log Out](#)

Manage your restaurant from here

[My Restaurant](#)[View Food Items](#)[Add Food Items](#)[Edit Food Items](#)[Delete Food Items](#)[View Order Details](#)

DELETE YOUR FOOD ITEMS FROM HERE

#	Food ID	Food Name	Price	Description	Restaurant ID
<input type="checkbox"/>	112	waffle	130	baked crispy waffles with honey, chocolate and maple syrup	9
<input type="checkbox"/>	113	Pan cake	180	Sweet and delicious pan cakes, easily melt in your mouth good when taken with chocolate syrup or honey	9
<input type="checkbox"/>	114	latte	90	Hot coffee to make your mood even better in the morning	9
<input type="checkbox"/>	115	chocolate dark mocha	120	Sweet and creamy mocha is just what you need	9
<input type="checkbox"/>	116	cold coffee	160	An ice chilled leathery coffee to cool you down in burning summer days	9
<input type="checkbox"/>	117	iced tea	150	An ice chilled tea to cool you down in burning summer days	9
<input type="checkbox"/>	118	Red velvet trifle	600	A sweet and sugar soft trifle made with strawberry and raspberry syrup with each layer batter than the other	9
<input type="checkbox"/>	119	chocolate smoothie	195	A chocolate extravagenza with milk and coffee complementing each other	9
<input type="checkbox"/>	120	chocolate chipped scone	150	sweet scones and nice to have with a latte in one hand	9
<input type="checkbox"/>	121	cappuccino	150	Hot coffee to make your mood even better in the morning	9
<input checked="" type="checkbox"/>	124	red moose cake	200	sweet cake	9

DELETE

☒ 124 red moose cake 200 sweet cake 9

DELETE

[Ratatouille.com](#) [Home](#) [About](#) [Contact Us](#) Welcome zlatan_10 **Food Zone** [Cart \(0\)](#) [Log Out](#)

Quantity: 1

Add to Cart


₹ 120/-

Quantity: 1


Add to Cart

Add to Cart


Add to Cart




Red velvet trifle
A sweet and sugar soft trifle made with strawberry and raspberry syrup with each layer batter than the other
₹ 600/-
Quantity: 1
Add to Cart



chocolate smoothie
A chocolate extravagenza with milk and coffee complementing each other
₹ 195/-
Quantity: 1
Add to Cart



chocolate chipped scone
sweet scones and nice to have with a latte in one hand
₹ 150/-
Quantity: 1
Add to Cart



cappuccino
Hot coffee to make your mood even better in the morning
₹ 150/-
Quantity: 1
Add to Cart

Manage your restaurant from here

[My Restaurant](#)[View Food Items](#)[Add Food Items](#)[Edit Food Items](#)[Delete Food Items](#)[View Order Details](#)

YOUR FOOD ORDER LIST

	Order ID	Food ID	Order Date	Food Name	Price	Quantity	Customer
<input type="checkbox"/>	76	119	2020-10-26	chocolate smoothie	195	1	zlatan_10
<input type="checkbox"/>	80	112	2020-10-26	waffle	130	2	ram123
<input type="checkbox"/>	85	112	2020-10-26	waffle	130	2	ram123

7. CONCLUSION

The conclusion has been drawn on the basis of the findings, and the recommendations that have been made to enable retailers, IT support and researchers to devise strategies to ensure the ultimate objective of customer loyalty is achieved.

8. CODE

SQL

```
1
2 SET SQL_MODE = "NO_AUTO_VALUE_ON_ZERO";
3 START TRANSACTION;
4 SET time_zone = "+00:00";
5
6 CREATE TABLE `contact` (
7   `Name` varchar(250) NOT NULL,
8   `Email` varchar(250) NOT NULL,
9   `Mobile` varchar(250) NOT NULL,
10  `Subject` varchar(250) NOT NULL,
11  `Message` varchar(250) NOT NULL
12 ) ENGINE=InnoDB DEFAULT CHARSET=latin1;
13
14 CREATE TABLE `customer` (
15   `username` varchar(30) NOT NULL,
16   `fullname` varchar(30) NOT NULL,
17   `email` varchar(30) NOT NULL,
18   `contact` varchar(30) NOT NULL,
19   `address` varchar(50) NOT NULL,
20   `password` varchar(30) NOT NULL
21 ) ENGINE=InnoDB DEFAULT CHARSET=utf8;
22
23 INSERT INTO `customer` (`username`, `fullname`, `email`, `contact`, `address`, `password`) VALUES
24 ('atishey', 'atishay', 'atisay@gmail.com', '654321678', 'mumbai', 'qwerty'),
25 ('avnish89', 'avnish', 'avnish@gmail.com', '7021318567', 'jaipur', 'avnish'),
26 ('rashi', 'rashi', 'rashi@gmail.com', '3214567890', 'mumbai', 'mumbai'),
27 ('vibhu', 'vibhu', 'vibhu@gmail.com', '1234567890', 'delhi', 'hazard'),
28 ('zlatan_10', 'Anamaya Vyas', 'anamayav@gmail.com', '7021318567', 'new york, central perk', 'qwerty');
29
30 CREATE TABLE `food` (
31   `F_ID` int(30) NOT NULL,
32   `name` varchar(30) NOT NULL,
33   `price` int(30) NOT NULL,
34   `description` varchar(200) NOT NULL,
35   `R_ID` int(30) NOT NULL,
36   `images_path` varchar(200) NOT NULL,
37   `options` varchar(10) NOT NULL DEFAULT 'ENABLE'
38 ) ENGINE=InnoDB DEFAULT CHARSET=utf8;
39
40 INSERT INTO `food` (`F_ID`, `name`, `price`, `description`, `R_ID`, `images_path`, `options`) VALUES
41 (83, 'spring rolls', 79, 'deep fried spring rolls with veggie munchies just for your parties', 7, 'qw.jpg', 'ENABLE'),
42 (88, 'Red pasta', 120, 'Made with juicy red tomato sauce with peri peri garnishing', 7, 'image.jpg', 'ENABLE'),
43 (89, 'tandoori pasta', 175, 'made with indian and italian cuisine ingredients , a delicacy', 7, 'green.jpg', 'ENABLE'),
44 (90, 'lasagna', 300, 'An exquisite italian dish with creamy parmesane chesse and pasta', 7, 'lasa.jpg', 'ENABLE'),
45 (91, 'honey semifreddo', 200, 'sweet as honey your tummy needs one of this after a dinner for sure', 7, 'hon.jpg', 'ENABLE'),
46 (92, 'ratatouille', 465, 'A french delicacy with veggies and high nutrition values and exquisite tatse', 7, 'rat.jpg', 'ENABLE'),
47 (94, 'Moose cake', 250, 'It melts in mouth, tastes so good that you can't really feel full for it', 7, 'mo.jpg', 'ENABLE'),
48 (95, 'White pasta', 120, 'White sauce, with creamy cheese and origeno garnishing with mushrooms', 7, 'wh.jpg', 'ENABLE'),
49 (97, 'Garlic Bread', 175, 'Freshly baked Garlic bread sticks, with cheesy layers on top', 7, 'garlic.jpg', 'ENABLE'),
50 (98, 'pizza', 500, 'hand tossed mushroom pizza with jyellepno, corn tomato and peri peri toppings', 7, 'pi.jpg', 'ENABLE'),
51 (99, 'chicken burger', 75, 'deep fried chicken with corriender sauce mixed with melting cheese ', 7, 'burg.jpg', 'ENABLE'),
52 (100, 'Punjabi Thaal', 400, '2 gulaab jaamun, 2 Naan, 1 lachha parantha, sarson da saag, gud, chawal, daal makhni and kadhai paneer', 7, 'thali.jpg', 'ENABLE'),
53 (101, 'Marwari thaali', 400, 'Daal baati, tairi, kair saangri, gatte, 4 fulka, binach, masala baati, churma, mangorri ro haag', 8, 'mar.jpg', 'ENABLE'),
54 (102, 'cholle bhature', 175, 'deep fried bhature with spicy cholle', 8, 'ch.jpg', 'ENABLE'),
55 (103, 'paav bhaaji', 120, 'hot baked paav with spicy and tasty bhaaji to die for', 8, 'pav.jpg', 'ENABLE'),
56 (104, 'laal maas', 300, 'A rajasthani delicacy made on typical chullah and a royal dish from rajwaad', 8, 'laal.jpg', 'ENABLE'),
57 (105, 'iddli sambhar', 90, 'Healthy and tasty iddli sambhar with coconut chutney', 8, 'idli.jpg', 'ENABLE'),
58 (107, 'rawa fish', 250, 'fried with coconut oil, the occoi fish is mouth watering', 8, 'rawa.jpg', 'ENABLE'),
59 (108, 'Kadhaai chicken', 500, 'A extraveggenza of spices with rightly cooked chicken ', 8, 'kadhaai.jpg', 'ENABLE'),
60 (109, 'masala dosai', 180, 'paper thin dosaa with spice masala, coconut chutney with pudhina and sambhar', 8, 'dosa.jpg', 'ENABLE'),
61 (110, 'lassi', 60, 'curd centrifugated with love with honey sweetness', 8, 'lassi.jpg', 'ENABLE'),
62 (111, 'gulab jaamun', 190, 'A feast is not complete without a dessert and that not too without a gulaab jaamun', 8, 'gja.jpg', 'ENABLE'),
63 (112, 'waffle', 130, 'baked crispy waffles with honey, chocolate and mapple syrup', 9, 'waa.jpg', 'ENABLE'),
64 (113, 'Pan cakes', 180, 'Sweet and delicious pan cakes, easily melt in your mouth ggod when taken with chocolate syrup or honey', 9, 'pan.jpg', 'ENABLE'),
65 (114, 'latte expressico', 90, 'Hot coffee to make your mood even better in the morning', 9, 'latte.jpg', 'ENABLE'),
66 (115, 'chocolate dark mocha', 120, 'Sweet and creamy mocha is just what you need', 9, 'mocha.jpg', 'ENABLE'),
67 (116, 'cold coffee', 190, 'An ice chilled leathery coffee to cool you down in burning summer days', 9, 'cof.jpg', 'ENABLE'),
68 (117, 'iced tea', 150, 'An ice chilled tea to cool you down in burning summer days', 9, 'ice.jpg', 'ENABLE'),
69 (118, 'Red velvet trifle', 600, 'A sweet and sugar soft trifle made with strawberry and rasberry syrup with each layer batter than', 9, 'trifle.jpg', 'ENABLE'),
70 (119, 'chocolate smoothie', 195, 'A chocolate extraveggenza with milk and coffee complimenting each other', 9, 'sm.jpg', 'ENABLE'),
71 (120, 'chocolate chipped scone', 150, 'sweet scones and nice to have with a latte in one hand', 9, 'scone.jpg', 'ENABLE'),
72 (121, 'cappuccino', 150, 'Hot coffee to make your mood even better in the morning', 9, 'cap.jpg', 'ENABLE'),
73 (124, 'red moose cake', 200, 'sweet cake ', 9, 'max.jpg', 'DISABLE');
```

```

CREATE TABLE `manager` (
  `username` varchar(30) NOT NULL,
  `fullname` varchar(30) NOT NULL,
  `email` varchar(30) NOT NULL,
  `contact` varchar(30) NOT NULL,
  `address` varchar(50) NOT NULL,
  `password` varchar(30) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8;

INSERT INTO `manager` (`username`, `fullname`, `email`, `contact`, `address`, `password`) VALUES
('avnish123', 'Avnish Tiwari', 'avnish@gmail.com', '7021318567', 'new york, central perk', 'qwerty'),
('Hazardous', 'vibhu kumar singh', 'vibhu@gmail.com', '876543210', 'Gaziyabad', 'vibhu1224'),
('Zlatan', 'Anamaya Vyas', 'anamayav@gmail.com', '8824969031', 'c-scheme', 'qwerty');

CREATE TABLE `orders` (
  `order_ID` int(30) NOT NULL,
  `F_ID` int(30) NOT NULL,
  `foodname` varchar(30) NOT NULL,
  `price` int(30) NOT NULL,
  `quantity` int(30) NOT NULL,
  `order_date` date NOT NULL,
  `username` varchar(30) NOT NULL,
  `R_ID` int(30) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8;

INSERT INTO `orders` (`order_ID`, `F_ID`, `foodname`, `price`, `quantity`, `order_date`, `username`, `R_ID`) VALUES
(70, 99, 'chicken burger', 75, 1, '2020-10-26', 'zlatan_10', 7),
(71, 98, 'pizza', 500, 1, '2020-10-26', 'zlatan_10', 7),
(72, 97, 'Garlic Bread', 175, 1, '2020-10-26', 'zlatan_10', 7),
(73, 99, 'chicken burger', 75, 1, '2020-10-26', 'zlatan_10', 7),
(74, 98, 'pizza', 500, 1, '2020-10-26', 'zlatan_10', 7),
(75, 97, 'Garlic Bread', 175, 1, '2020-10-26', 'zlatan_10', 7),
(76, 119, 'chocolate smoothie', 195, 1, '2020-10-26', 'zlatan_10', 9),
(77, 104, 'laal maas', 300, 1, '2020-10-26', 'zlatan_10', 8),
(78, 94, 'Moose cake', 250, 2, '2020-10-26', 'ram123', 7),
(79, 95, 'White pasta', 120, 2, '2020-10-26', 'ram123', 7),
(80, 112, 'waffle', 130, 2, '2020-10-26', 'ram123', 9),
(81, 110, 'lassi', 68, 3, '2020-10-26', 'ram123', 8),
(82, 104, 'laal maas', 300, 1, '2020-10-26', 'ram123', 8),
(83, 94, 'Moose cake', 250, 2, '2020-10-26', 'ram123', 7),
(84, 95, 'White pasta', 120, 2, '2020-10-26', 'ram123', 7),
(85, 112, 'waffle', 130, 2, '2020-10-26', 'ram123', 9),
(86, 110, 'lassi', 68, 3, '2020-10-26', 'ram123', 8),
(87, 104, 'laal maas', 300, 1, '2020-10-26', 'ram123', 8);

CREATE TABLE `restaurants` (
  `R_ID` int(30) NOT NULL,
  `name` varchar(30) NOT NULL,
  `email` varchar(30) NOT NULL,
  `contact` varchar(30) NOT NULL,
  `address` varchar(50) NOT NULL,
  `M_ID` varchar(30) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8;

INSERT INTO `restaurants` (`R_ID`, `name`, `email`, `contact`, `address`, `M_ID`) VALUES
(7, 'Gourmette salud', 'gourmettesalud@gmail.com', '9876543210', 'new york, central perk', 'avnish123'),
(8, 'Zilla Gaziyabad', 'zillagaziyabad@gmail.com', '7021318567', 'Gaziyabad', 'Hazardous'),
(9, 'Lion\'s Cafeteria', 'lions@gmail.com', '8824969031', 'c-scheme', 'Zlatan');

```

```

ALTER TABLE `customer`
  ADD PRIMARY KEY (`username`);

ALTER TABLE `food`
  ADD PRIMARY KEY (`F_ID`,`R_ID`),
  ADD KEY `R_ID` (`R_ID`);

ALTER TABLE `manager`
  ADD PRIMARY KEY (`username`);

ALTER TABLE `orders`
  ADD PRIMARY KEY (`order_ID`),
  ADD KEY `F_ID` (`F_ID`),
  ADD KEY `username` (`username`),
  ADD KEY `R_ID` (`R_ID`);

ALTER TABLE `restaurants`
  ADD PRIMARY KEY (`R_ID`),
  ADD UNIQUE KEY `M_ID_2` (`M_ID`),
  ADD KEY `M_ID` (`M_ID`);

ALTER TABLE `food`
  MODIFY `F_ID` int(30) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=125;

ALTER TABLE `orders`
  MODIFY `order_ID` int(30) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=88;

ALTER TABLE `restaurants`
  MODIFY `R_ID` int(30) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=10;

ALTER TABLE `food`
  ADD CONSTRAINT `food_ibfk_1` FOREIGN KEY (`R_ID`) REFERENCES `restaurants` (`R_ID`);

ALTER TABLE `orders`
  ADD CONSTRAINT `orders_ibfk_1` FOREIGN KEY (`F_ID`) REFERENCES `food` (`F_ID`),
  ADD CONSTRAINT `orders_ibfk_2` FOREIGN KEY (`username`) REFERENCES `customer` (`username`),
  ADD CONSTRAINT `orders_ibfk_3` FOREIGN KEY (`R_ID`) REFERENCES `restaurants` (`R_ID`);

ALTER TABLE `restaurants`
  ADD CONSTRAINT `restaurants_ibfk_1` FOREIGN KEY (`M_ID`) REFERENCES `manager` (`username`);
COMMIT;

```


PHP

```
<?php

if(!isset($_SESSION))
{
    session_start();
}

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

$F_ID = $_GET['id'];
$action = $_GET['action'];

$sql = "SELECT quantity FROM food WHERE F_id = ".$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 <= $obj["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");

?>
```

```

<?php
include('session_m.php');

if(!isset($login_session)){
header('Location: managerlogin.php');
}

?>
<!DOCTYPE html>
<html>

    <head>
        <title> Manager Login | Ratatouille.com </title>
    </head>

    <link rel="stylesheet" type = "text/css" href ="css/add_food_items.css">
    <link rel="stylesheet" type = "text/css" href ="css/bootstrap.css">
    <script type="text/javascript" src="js/jquery.min.js"></script>
    <script type="text/javascript" src="js/bootstrap.min.js"></script>

    <body style="background-image: url(pi.jpg); background-attachment: fixed; background-size: cover">

        <button onclick="topFunction()" id="myBtn" title="Go to top">
            <span class="glyphicon glyphicon-chevron-up"></span>
        </button>

        <script type="text/javascript">
            window.onload = 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>
    </body>
</html>

```

```

<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">Ratatouille.com</a>
    </div>

    <div class="collapse navbar-collapse" id="myNavbar">
      <ul class="nav navbar-nav">
        <li><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>

      <ul class="nav navbar-nav navbar-right">
        <li><a href="#"><span class="glyphicon glyphicon-user"></span> Welcome <?php echo $login_session; ?> </a></li>
        <li class="active"> <a href="managerlogin.php">MANAGER CONTROL PANEL</a></li>
        <li><a href="logout_m.php"><span class="glyphicon glyphicon-log-out"></span> Log Out </a></li>
      </ul>
    </div>
  </div>
</nav>

<div class="container">
  <div class="jumbotron">
    <h1 style="color: white; text-align: center;">Manage your restaurant from here</h1>
  </div>
</div>

<div class="container">
  <div class="container">
    <div class="col">

      </div>
    </div>

    <div class="col-xs-3" style="text-align: center;">

      <div class="list-group">
        <a href="myrestaurant.php" class="list-group-item">My Restaurant</a>
        <a href="add_food_items.php" class="list-group-item active">Add Food Items</a>
        <a href="edit_food_items.php" class="list-group-item">Edit Food Items</a>
        <a href="delete_food_items.php" class="list-group-item">Delete Food Items</a>
      </div>
    </div>

    <div class="col-xs-9">
      <div class="form-area" style="padding: 0px 100px 100px 100px;">
        <form action="add_food_items1.php" method="POST">
          <hr style="border: none;">
          <hr style="margin-bottom: 25px; text-align: center; font-size: 30px;"> ADD NEW FOOD ITEM HERE </hr>

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

          <div class="form-group">
            <input type="text" class="form-control" id="price" name="price" placeholder="Your Food Price (INR)" required="">
          </div>

          <div class="form-group">
            <input type="text" class="form-control" id="description" name="description" placeholder="Your Food Description" required="">
          </div>

          <div class="form-group">
            <input type="text" class="form-control" id="images_path" name="images_path" placeholder="Your Food Image Path [images/<filename>.<extension>]" required="">
          </div>

          <div class="form-group">
            <button type="submit" id="submit" name="submit" class="btn btn-danger pull-right"> ADD FOOD </button>
          </div>
        </form>
      </div>
    </div>
  </div>
</div>
</body>
</html>

```

```

1  <?php
2  session_start();
3  $error='';
4
5  if (isset($_POST['submit'])) {
6  if (empty($_POST['username']) || empty($_POST['password'])) {
7  $error = "Username or Password is invalid";
8  }
9  else
10 {
11 // Define $username and $password
12 $username=$_POST['username'];
13 $password=$_POST['password'];
14 // Establishing Connection with Server by passing server_name, user_id and password as a parameter
15 require 'connection.php';
16 $conn = Connect();
17
18 // SQL query to fetch information of registerd users and finds user match.
19 $query = "SELECT username, password FROM CUSTOMER WHERE username=? AND password=? LIMIT 1";
20
21 // To protect MySQL injection for Security purpose
22 $stmt = $conn->prepare($query);
23 $stmt -> bind_param("ss", $username, $password);
24 $stmt -> execute();
25 $stmt -> bind_result($username, $password);
26 $stmt -> store_result();
27
28 if ($stmt->fetch())
29 {
30     $_SESSION['login_user2']=$username; // Initializing Session
31     header("location: foodlist.php"); // Redirecting To Other Page
32 } else {
33 $error = "Username or Password is invalid";
34 }
35 mysqli_close($conn); // Closing Connection
36 }
37 }
38 ?>

```

CSS

```
body,html {  
  height: 100%;  
}  
  
body {  
  padding-top: 50px;  
  background-image: url('headerimg2.jpg');  
  background-repeat: no-repeat;  
  background-size: 100%;  
}  
  
#myBtn{  
  display: none;  
  position: fixed;  
  bottom: 20px;  
  right: 30px;  
  z-index: 99;  
  border: none;  
  outline: none;  
  background-color: yellow;  
  color: red;  
  cursor: pointer;  
  padding: 15px;  
  border-radius: 10px;  
}  
#myBtn:hover {  
  background-color: darkgreen;  
  color: white;  
}  
  
.bg-4{  
  outline: none;  
  background-color: green;  
  color: white;  
  background-color: #2f2f2f;  
  color: #ffffff;  
}  
  
footer{  
  display: block;  
}  
  
.form-area {  
  background-color: yellow;  
  padding: 10px 40px 60px;  
  margin: 10px 0px 60px;  
  border: 1px black;  
  opacity:0.2;  
}
```

```

/*styles for heading before form */
.heading {
  text-align: center;
  background-color: grey;
  padding: 30px;
  font-size: 40px;
}

/*for paragrah below form */
.paragraph1{
  text-align: center;
  padding: 60px;
  font-family: "Times Roman New"
  font-size: 20px;
  background-color: black;
  color: white;
}

/*for Heading name "Food Exploria" */
.edit{
  text-shadow: 2px 2px 5px black;
  color: black;
}

/* to resize few texts "JUGAD CODE" */
.edit2{
  font-size: 20px;
}

```

```

body,html {
    height: 100%;
}

body {
    padding-top: 50px;
}

#myBtn{
    display: none;
    position: fixed;
    bottom: 20px;
    right: 30px;
    z-index: 99;
    border: none;
    outline: none;
    background-color: green;
    color: white;
    cursor: pointer;
    padding: 15px;
    border-radius: 10px;
}

#myBtn:hover {
    background-color: darkgreen;
    color: white;
}

.bg-4{
    background-color: #2f2f2f;
    color: #ffffff;
}

}

footer{
    display: block;
}

/*for Heading name "Food Exploria" */
.edit{
    text-shadow: 2px 2px 5px black;
    color: black;
}

```

GitHub repository link → <https://github.com/anamaya-vyas-zlatan/DBMS->