FOOD ORDERING APPLICATION

Version No.: 1.0

Date: 05/01/2023

Project Name: Food Ordering Application

Presented by
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Revision History

Version No.	Date	Prepared by / Modified by	Significant Changes
1.0	20/04/2023	1. Kavya Miryala 2. Dileep Kumar Kethe	Initial project proposal.

GITHUB LINK : https://github.com/miryalakavya/FoodOrderingApplication

WHO CAN REFER

This document can be referred by the following persons as a part of ITMD510 Object Oriented Application Development

✓ James Papademas

✓ Yash Sharma

✓ Kavya Miryala

✓ Dileep Kumar Kethe

1.INTRODUCTION

Food Ordering Application is a standalone application that provides a platform for users to order food, track their order status, and update their profile information. The application also allows administrators to update the menu items, view and update customer details, and view and update order status. Customers can use the application to update their profile information, place orders, add or remove items from their cart, track their order, and cancel an order that has been placed.

In addition to users and administrators, the application can also be accessed by higher authorities who can view the performance of the application and provide feedback to the developers. Overall, the Food Ordering Application is a comprehensive platform that simplifies the food ordering process for customers while providing administrators with the tools they need to manage their business efficiently.

Cynosure of FOOD ORDERING SYSTEM

➢ The system provides a secure and efficient login and logout functionality for each user.
➢ The profile update feature is made easy as it retrieves the existing records from the database and populates them in the respective text fields.
➢ Maximum exceptional handling has been implemented, and all the exceptions are recorded in the database table to improve the overall application performance.
➢ The admin user can view and update customer details, ensuring smooth and effective management of customer records.
➢ The customers have the flexibility to add or delete menu items from their cart, making it easy for them to customize their orders.
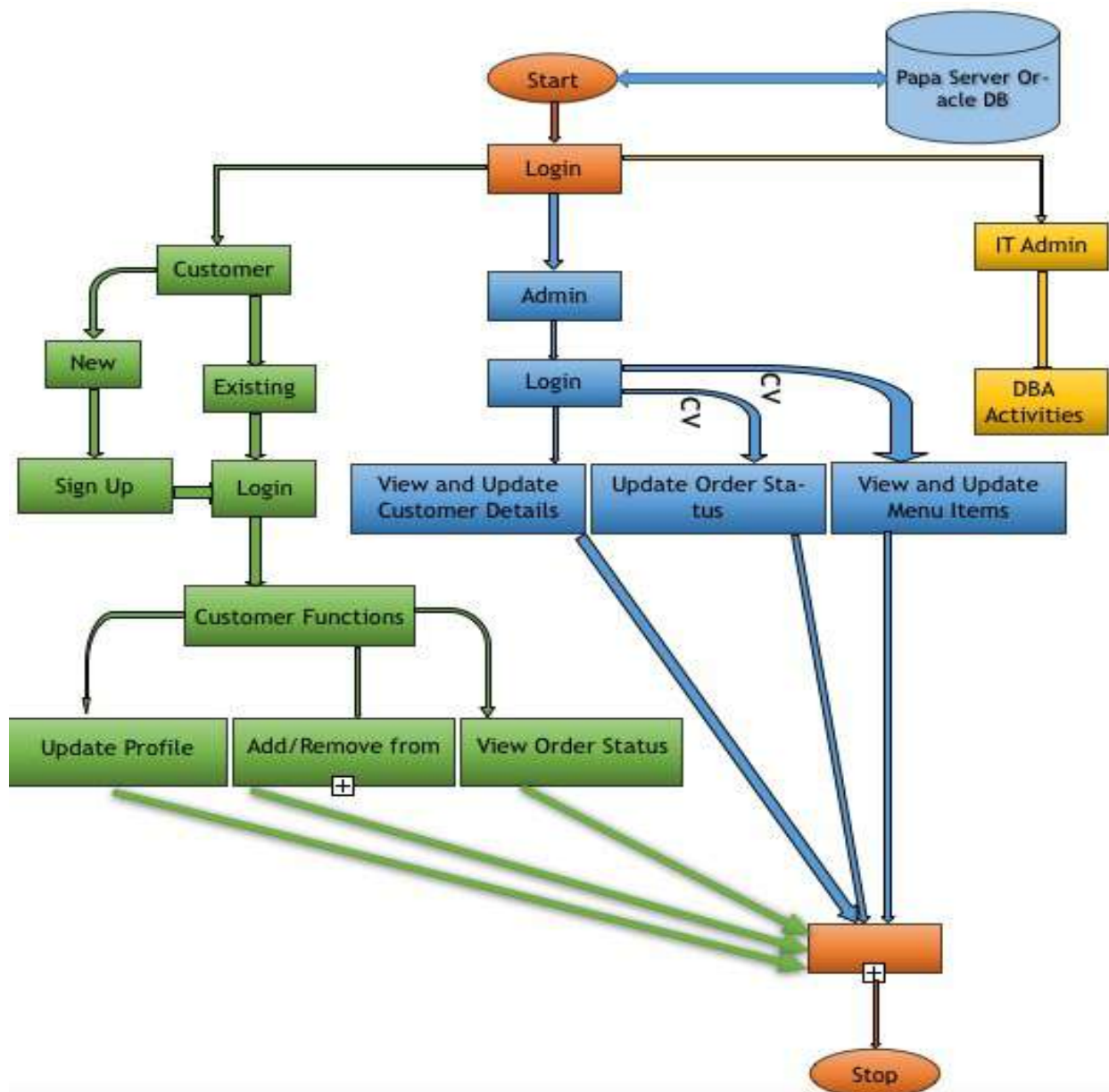
1.2.EXPECTED OUTCOMES

➢ Created a user-friendly and unified platform for food ordering that can be accessed by customers, admins, and higher authorities.
➢ Developed an easy-to-use application for customers that allows hassle-free food ordering and tracking of their order status.
➢ Provided a comprehensive dashboard for admins that enables them to view and manage customer details, menu items, and order status.
➢ Implemented robust exception handling mechanisms and recorded all exceptions in the database table to improve the application's stability and performance.
➢ Admins can easily view, add, and update customer details, as well as menu items, ensuring that the platform stays up-to-date with current offerings.
➢ Admins can also view and update the order status to ensure timely delivery and customer satisfaction.

➤ Customers can create an account, update their profile, add or remove menu items from their cart, and track their order status, ensuring a personalized and convenient experience.
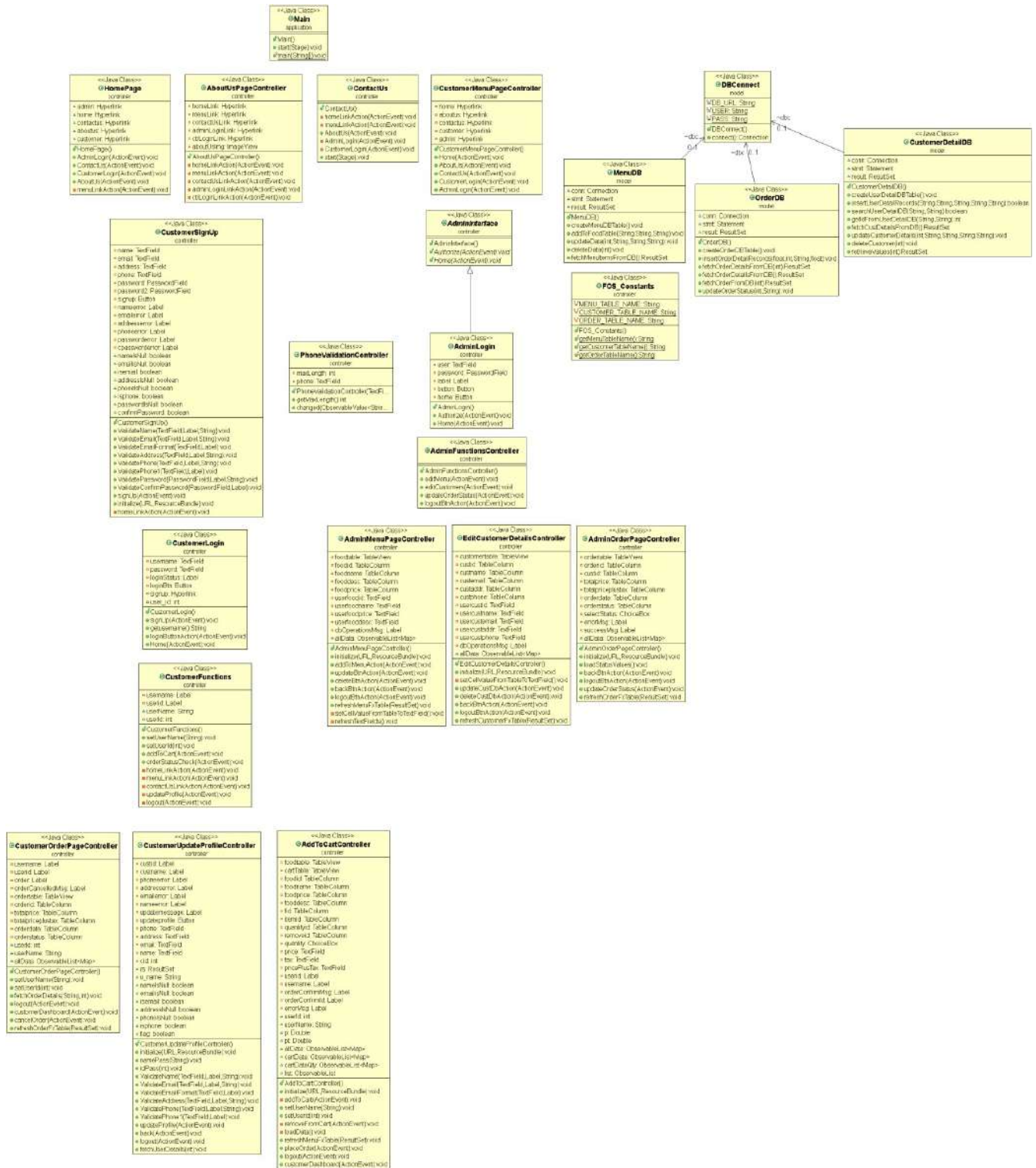
2.TECHNICAL DETAILS
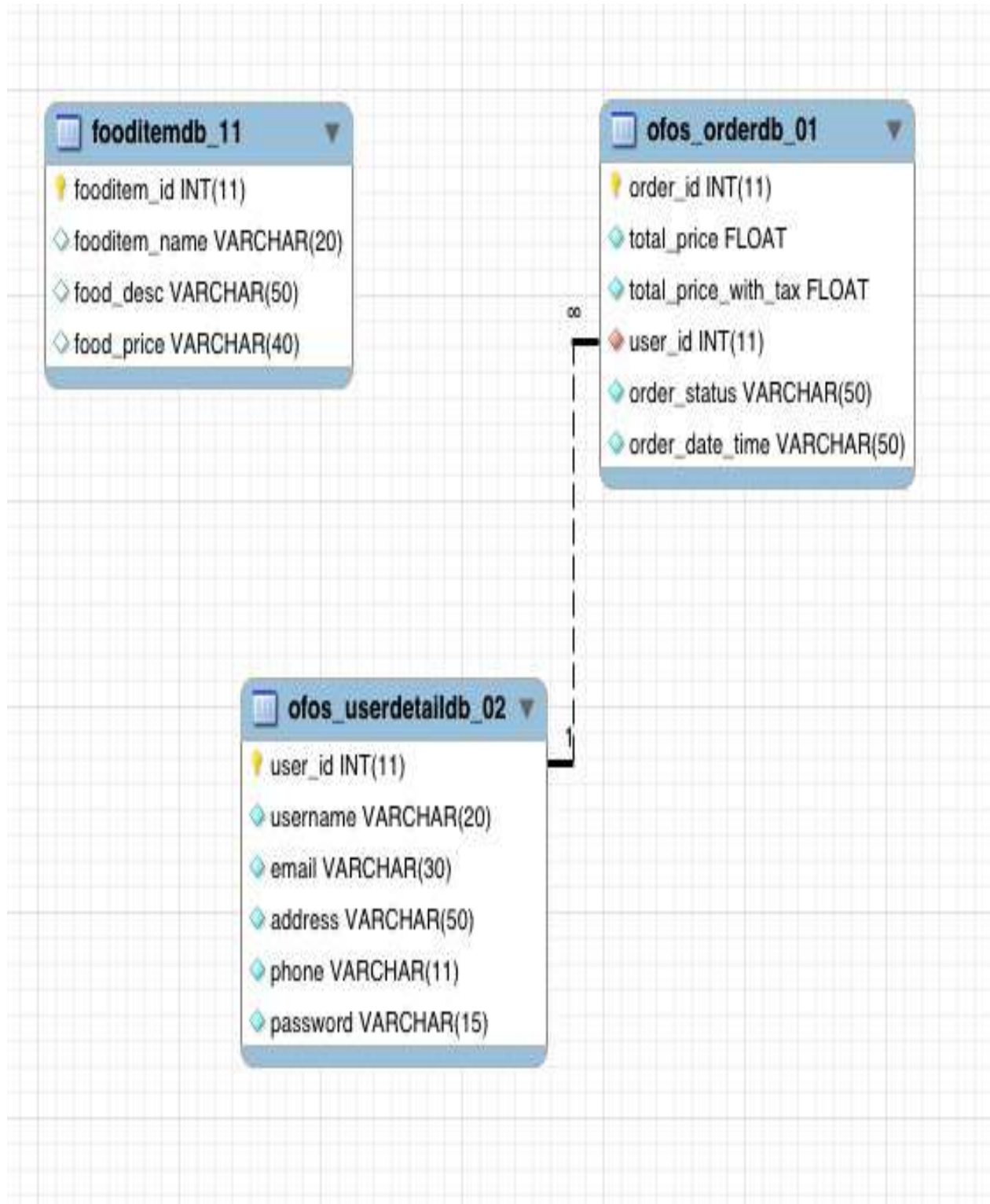
2.1.APPLICATION ARCHITECTURE

Below is the overview of the application and the navigation inside the application depending upon the category.

2.2.UML

2.3.ENTITY RELATIONAL DIAGRAM(ERD)

fooditemdb_11
- fooditem_id INT(11)
- fooditem_name VARCHAR(20)
- food_desc VARCHAR(50)
- food_price VARCHAR(40)

ofos_orderdb_01
- order_id INT(11)
- total_price FLOAT
- total_price_with_tax FLOAT
- user_id INT(11)
- order_status VARCHAR(50)
- order_date_time VARCHAR(50)

ofos_userdetaildb_02
- user_id INT(11)
- username VARCHAR(20)
- email VARCHAR(30)
- address VARCHAR(50)
- phone VARCHAR(11)
- password VARCHAR(15)

2.4. TECHNOLOGY USED

2.4.1. Front End

JavaFX: Software platform for creating and delivering desktop applications.

2.4.2. Back End

MySQL Developer: Integrated development environment for working with SQL in MySQL databases.

2.4.3. Technical Requirements

Below is the technology that was required to build this project

1. Java

2. JavaFX

3. MySQL Database

2.4.4. Domain Knowledge Requirements

Food Ordering System

2.4.5. Tools Used

1. Java Eclipse

2. Oracle SQL Developer

3.HOME PAGE

3.1. Home page

Home Page is common for admin and customer. The page has hyperlinks to navigate to Menu page, About Us, Contact Us, Admin Login and Customer Login screens.

3.2. Screenshot
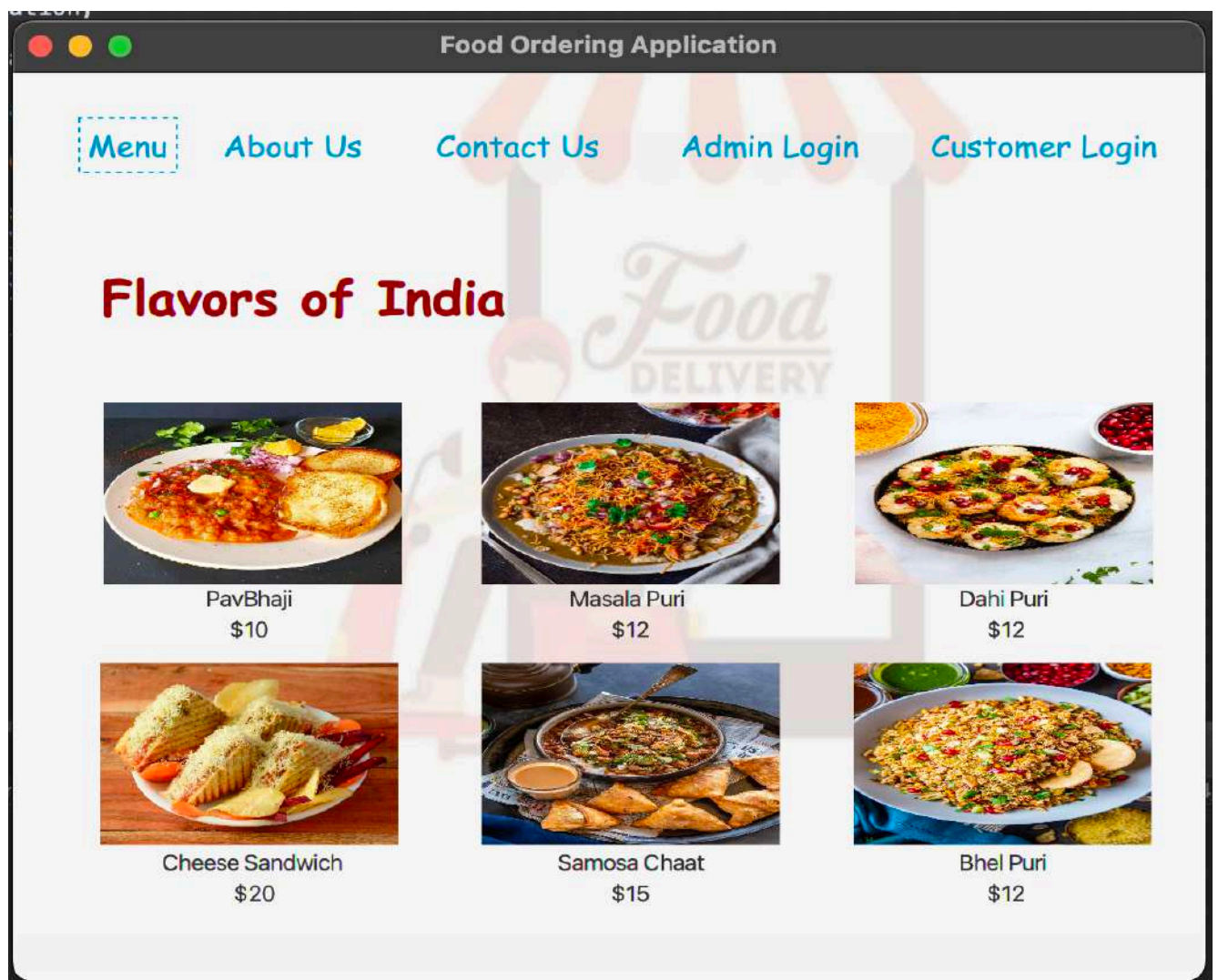
4.LOGIN

4.1. Login Screen

4.1.1. Admin Login

When an admin clicks on the "Admin Login" hyperlink on the home page, they will be directed to a login screen. The login screen will prompt the admin to enter their username and password. If the admin leaves either of these fields blank, or if the username and password values do not match the admin credentials defined in the Java code, an error message will be displayed at the bottom of the screen indicating that the credentials are invalid.

Once the admin has entered valid login credentials, they will be redirected to the admin dashboard. From the dashboard, the admin will be able to perform various operations such as viewing and updating customer details, managing menu items, and updating order status. The dashboard will provide a user-friendly interface for the admin to perform these operations easily and efficiently.

S. No	Email-ID	Password	Description
1	admin	Admin123	Successful Login
2	admin	Admin1234 [only space]	Credentials are invalid

4.1.2. Customer Login

Login screen for customer will be displayed when the Customer login hyperlink is clicked on the home page.

When a customer user logs in he/she must enter their User Name in the User Name text box, and Password in the Password field.

If the username or password value is not entered and left as blank or if the values don't match with credentials stored in the database, error message will be displayed on the bottom of the screen stating that the credentials are invalid.

If the customer successfully logs in, they will be directed to their personal dashboard, where they can manage their account, view their order history, and place new orders.

S. No	Email-ID	Password	Description
1	Bob	bob123	Successful Login
2	Bobby	bob123	Credentials are invalid

4.1.2.1.   Customer login entry page

4.1.2.2.   Invalid credentials scenario
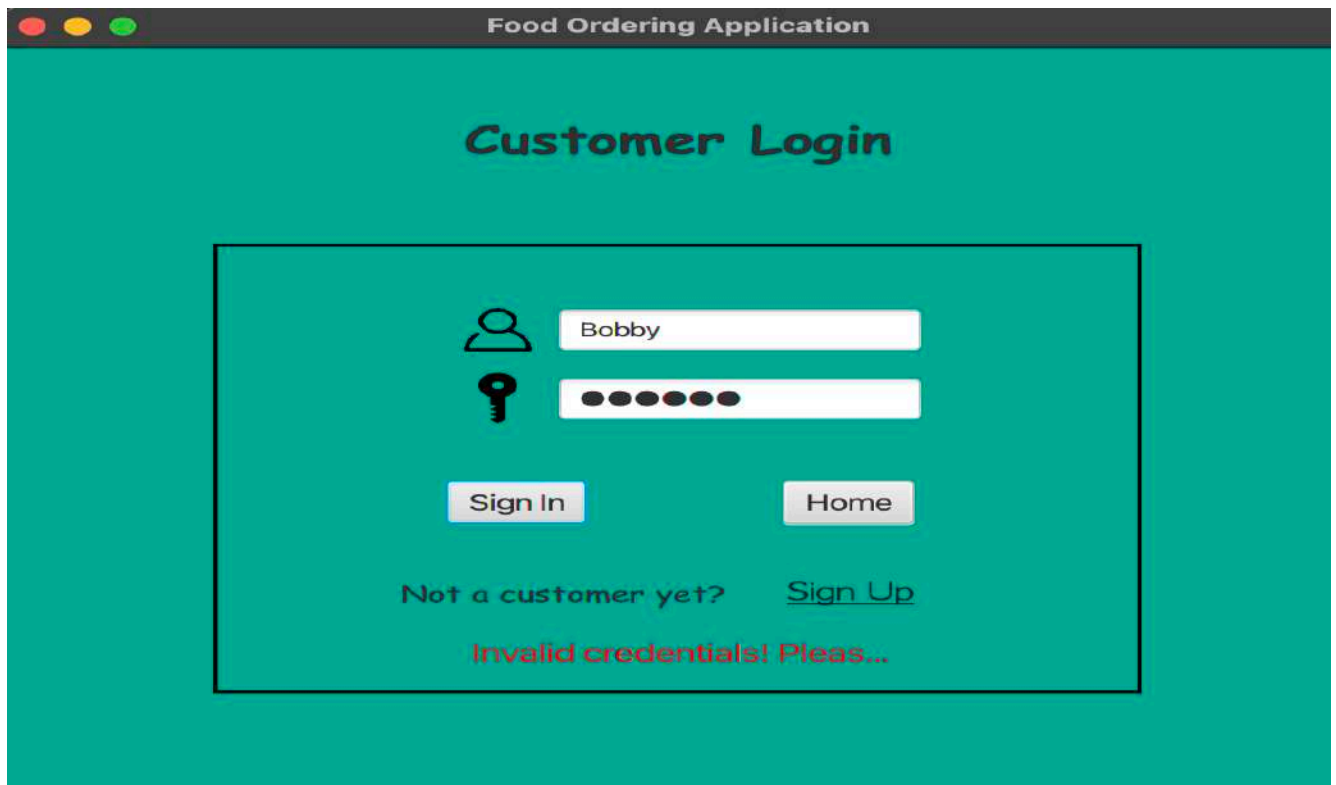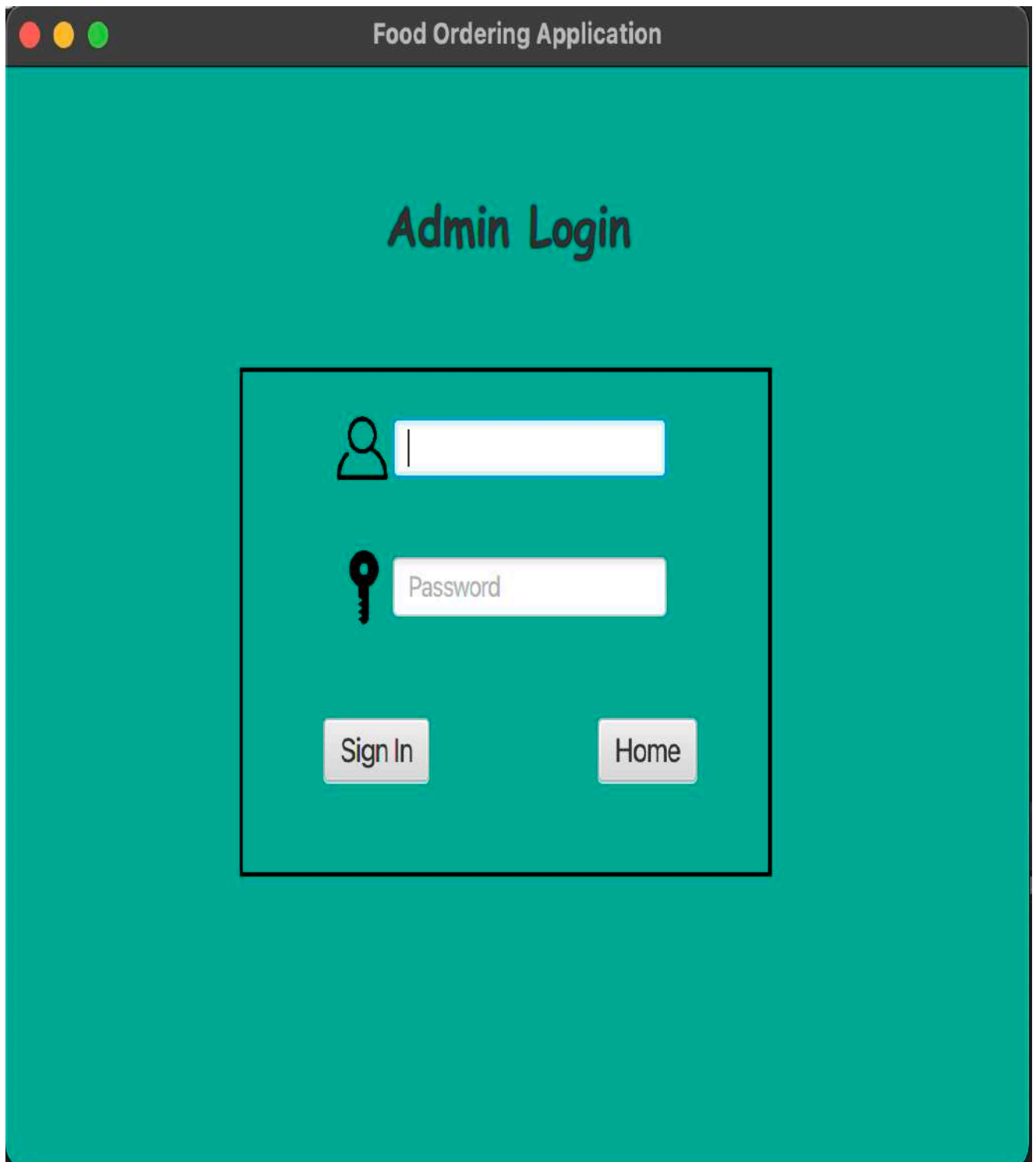
4.1.2.3. Successful login will navigate the administrator to the customer dashboard.

4.1.3. Screenshot

4.1.3.1. Admin Login page entry

4.1.3.2. Invalid credentials scenario

4.1.3.3. Successful login will navigate the administrator to the admin dashboard

5.Customer Sign Up

5.1. Sign up screen

A new user can click on the Sign Up hyperlink on the login screen to navigate to the sign-up screen and register for the Food Ordering Application.

The user needs to enter valid entries in all the required fields, such as Name, Email address, Address, Phone Number, Password, and Confirm Password.

If any of the fields are left blank, an error message will be displayed when the user clicks on the Sign Up button, stating that the fields are mandatory.

Validations have been added for email, phone number, and confirm password fields to ensure that only valid entries are recorded in the database.

Email address validation is performed to ensure that it ends with only the following domain names:

➔ @gmail.com
➔ @yahoo.com
➔ @hawk.iit.edu

If any other format is used, an error message will be displayed, prompting the user to enter a valid email address.

Phone number validation is performed to ensure that the user enters only 10 characters in the text box, and that the entry has only numeric digits (0-9) and no other characters.
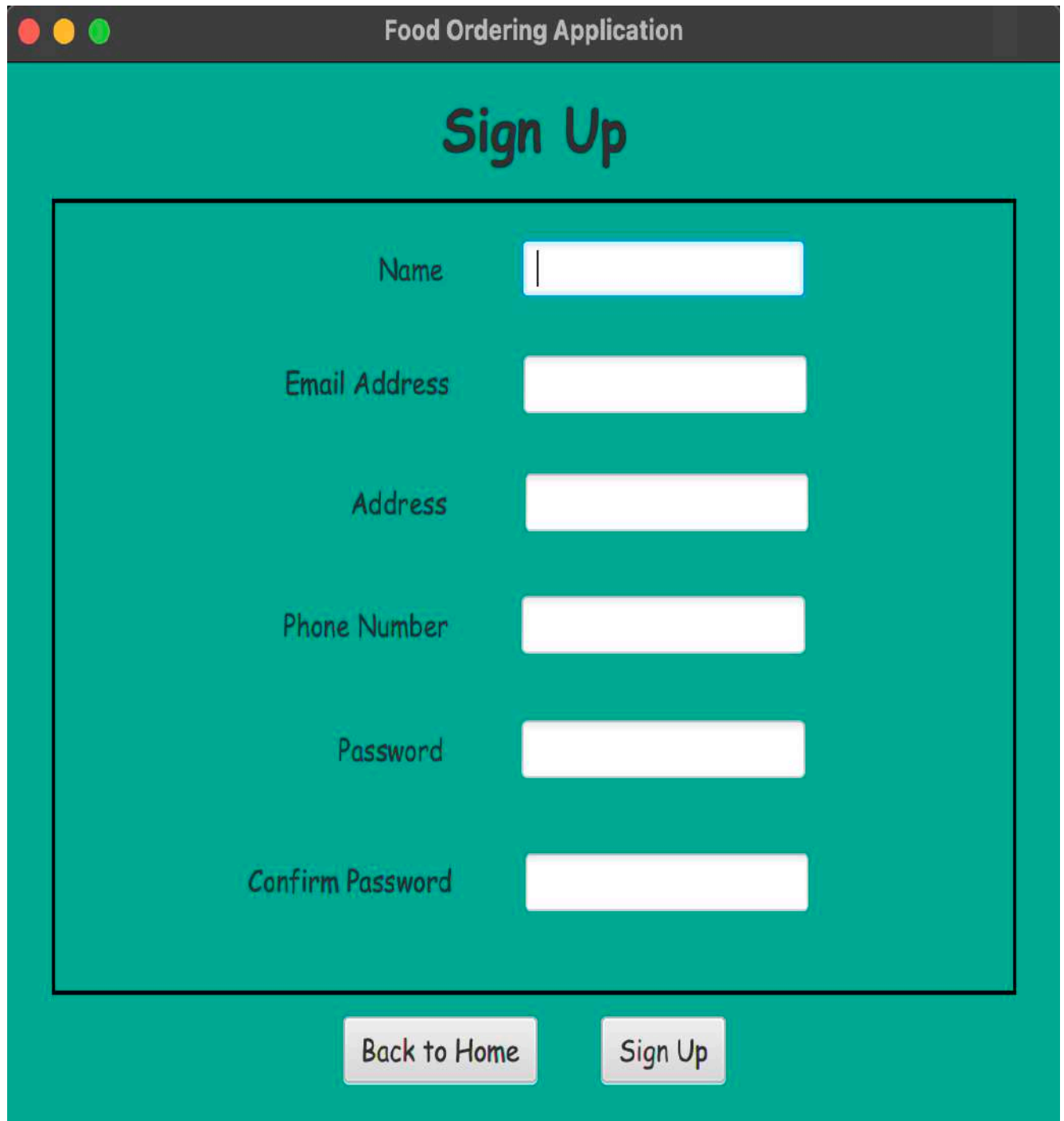
If the user enters different values in the password and confirm password fields, a message will be displayed, prompting the user that the passwords don't match.

After filling all the required fields with valid information and clicking on the Sign Up button, the user will be navigated back to the login screen to enter the credentials to log in to the application.

5.2. Screenshot

5.2.1. Sign Up page entry

Empty fields prompt

Sign Up

Name

Please enter a name

Email Address

Please enter an e-email address

Address

Please enter a billing address

Phone Number

Please enter a contact number

Password

Please enter a password

Confirm Password

Back to Home   Sign Up

5.2.3.
Validation errors on Email Address, Phone Number and Confirm password fields:

5.2.3. All fields entered correctly as below, will direct the customer to login screen on clicking the Sign Up button.

6.Database Records

➢ Result of all 10 records added to your database from the database itself. Demonstrating sufficient functionality for the regular user.

➢ Showing some update performed by the <u>admin</u> for the first record entered the db.

Food and Beverage Management

MENU ID	MENU ITEM	PRICE	DESCRIPTION
1	Gulab Jamun	6.00	Heavenly!!
2	Rasgulla	12.00	Juicy
3	Jalebi	8.00	Crispy
4	Ladoo	9.00	Round
5	Barfi	11.00	Creamy
6	Rasmalai	13.00	Soft
7	Rajbhog	14.00	Spongy
8	Gajar ka Halwa	15.00	Carrot
9	Samosa	5.00	Spicy
10	Pani Puri	13.00	Crunchy
11	Aloo Tikki	14.00	Potato

| 1 | GulabJamun | 9.00 | Heavenly!! |

[Add] [Update] [Delete] [Back] [Logout]

Food and Beverage Management

MENU ID	MENU ITEM	PRICE	DESCRIPTION
1	Gulab Jamun	9.00	Heavenly!!
2	Rasgulla	12.00	Juicy
3	Jalebi	8.00	Crispy
4	Ladoo	9.00	Round
5	Barfi	11.00	Creamy
6	Rasmalai	13.00	Soft
7	Rajbhog	14.00	Spongy
8	Gajar ka Halwa	15.00	Carrot
9	Samosa	5.00	Spicy
10	Pani Puri	13.00	Crunchy
11	Aloo Tikki	14.00	Potato

| ID | Menu Item | Price | Description |

[Add] [Update] [Delete] [Back] [Logout]

➢ Showing the deletion of the last record by the admin entered in the db.

Food Ordering Application

Food and Beverage Management

MENU ID	MENU ITEM	PRICE	DESCRIPTION
40	Ladoo	30.00	Sweet
41	Kaju Katli	120.00	Sweet
42	Gajar Ka Halwa	100.00	Sweet
43	Rasmalai	60.00	Sweet
44	Gulab Jamun with l...	80.00	Sweet
45	Rabri	70.00	Sweet
46	Pista Kulfi	50.00	Sweet
47	Mango Kulfi	60.00	Sweet
48	Chocolate Barfi	90.00	Sweet
49	Kaju Roll	120.00	Sweet
50	Malpua	40.00	Sweet

| 50 | Malpua | 40.00 | Sweet |

Add   Update   Delete   Back   Logout

Food Ordering Application

Food and Beverage Management

MENU ID	MENU ITEM	PRICE	DESCRIPTION
39	Barfi	80.00	Sweet
40	Ladoo	30.00	Sweet
41	Kaju Katli	120.00	Sweet
42	Gajar Ka Halwa	100.00	Sweet
43	Rasmalai	60.00	Sweet
44	Gulab Jamun with l...	80.00	Sweet
45	Rabri	70.00	Sweet
46	Pista Kulfi	50.00	Sweet
47	Mango Kulfi	60.00	Sweet
48	Chocolate Barfi	90.00	Sweet
49	Kaju Roll	120.00	Sweet

| ID | Menu Item | Price | Description |

Deleted Successfully!

Add   Update   Delete   Back   Logout

➢ Showing a snapshot of your remaining records in some columnar view.

Server: localhost:3307 » Database: 510fp » Table: fooditemdb_11

Browse | Structure | SQL | Search | Insert | Export | Import | Operations | Triggers

	id	name	description	price	category
Edit Copy Delete	1	Gulab Jamun	Heavenly!!	9.00	Sweets
Edit Copy Delete	2	Rasgulla	Juicy	12.00	Sweets
Edit Copy Delete	3	Jalebi	Crispy	8.00	Sweets
Edit Copy Delete	4	Ladoo	Round	9.00	Sweets
Edit Copy Delete	5	Barfi	Creamy	11.00	Sweets
Edit Copy Delete	6	Rasmalai	Soft	13.00	Sweets
Edit Copy Delete	7	Rajbhog	Spongy	14.00	Sweets
Edit Copy Delete	8	Gajar ka Halwa	Carrot	15.00	Sweets
Edit Copy Delete	9	Samosa	Spicy	5.00	Chaat
Edit Copy Delete	10	Pani Puri	Crunchy	13.00	Chaat
Edit Copy Delete	11	Aloo Tikki	Potato	14.00	Chaat
Edit Copy Delete	12	Bhel Puri	Mixture	6.00	Chaat
Edit Copy Delete	13	Dahi Bhalla	Curd	7.00	Chaat
Edit Copy Delete	14	Sev Puri	Thin	5.00	Chaat
Edit Copy Delete	15	Chana Chaat	Chickpeas	8.00	Chaat
Edit Copy Delete	16	Kachori	Stuffed	4.00	Chaat
Edit Copy Delete	17	Papdi Chaat	Flat	5.00	Chaat
Edit Copy Delete	18	Vada Pav	Mumbai	4.00	Chaat
Edit Copy Delete	19	Dabeli	Gujarati	5.00	Chaat
Edit Copy Delete	20	Chole Bhature	Punjabi	10.00	Chaat
Edit Copy Delete	21	Dahi Puri	Small	8.00	Chaat
Edit Copy Delete	22	Samosa Chaat	Spicy	7.00	Chaat
Console it Copy Delete	23	Bread Pakoda	Breaded	3.00	Chaat

Server: localhost:3307 » Database: 510fp » Table: fooditemdb_11

Browse | Structure | SQL | Search | Insert | Export | Import | Operations | Triggers

	id	name	description	price	category
Edit Copy Delete	24	Pav Bhaji	Buttered	8.00	Chaat
Edit Copy Delete	26	Samosa Chaat	Tangy	60.00	Chaat
Edit Copy Delete	27	Dahi Bhalla	Tangy	80.00	Chaat
Edit Copy Delete	28	Aloo Tikki Chaat	Tangy	70.00	Chaat
Edit Copy Delete	29	Bhel Puri	Tangy	50.00	Chaat
Edit Copy Delete	30	Pani Puri	Tangy	40.00	Chaat
Edit Copy Delete	31	Sev Puri	Tangy	60.00	Chaat
Edit Copy Delete	32	Dahi Puri	Tangy	70.00	Chaat
Edit Copy Delete	33	Kachori Chaat	Tangy	90.00	Chaat
Edit Copy Delete	34	Dabeli	Spicy	80.00	Chaat
Edit Copy Delete	35	Aloo Chaat	Tangy	60.00	Chaat
Edit Copy Delete	36	Gulab Jamun	Sweet	40.00	Sweets
Edit Copy Delete	37	Rasgulla	Sweet	50.00	Sweets
Edit Copy Delete	38	Jalebi	Sweet	60.00	Sweets
Edit Copy Delete	39	Barfi	Sweet	80.00	Sweets
Edit Copy Delete	40	Ladoo	Sweet	30.00	Sweets
Edit Copy Delete	41	Kaju Katli	Sweet	120.00	Sweets
Edit Copy Delete	42	Gajar Ka Halwa	Sweet	100.00	Sweets
Edit Copy Delete	43	Rasmalai	Sweet	60.00	Sweets
Edit Copy Delete	44	Gulab Jamun with Ice cream	Sweet	80.00	Sweets
Edit Copy Delete	45	Rabri	Sweet	70.00	Sweets
Edit Copy Delete	46	Pista Kulfi	Sweet	50.00	Sweets

Console

> Showing a snapshot of your ending user table (i.e., the user login credentials) from the database itself.

7.1. Menu Page:

This page displays all the menu items with images to the users. There are the links to navigate to the Home , About Us , Contact Us , Admin Login , Customer Login. The users can view the available food items and their price.

8.ADMIN DASHBOARD

8.1.Admin dashboard

The Admin dashboard displays options and description on the operations possible for the admin

8.2.Screenshot

9.MENU DETAIL OPERATIONS

9.1. Functionalities:

The Admin can view, add, delete and update the menu items which are automatically populated into the table from database.

Add: The admin can enter the Menu item name, price and description in the text boxes at the bottom of the screen. On clicking the add button, the details get inserted in database. The updated database reflects in the table view.

Update: The admin clicks on a row on the table. The row records will render in the text fields. The admin can edit the text fields and click on update button to commit those changes to database and the table view.

Delete: The admin clicks on a row on the table. The row records will render in the text fields. The admin can click on delete button to delete the record from database and the table view.

Back: Back button will redirect admin to go back to the dashboard.

Logout: Logout button will log the admin out of the application and navigate back to login screen.

9.2. Screenshot

10. CUSTOMER DETAIL OPERATIONS

10.1. Functionalities:

The Admin can view, add, delete and update the customer details which are automatically populated into the table view from database.

Update: The admin clicks on a row on the table. The row records will render in the text fields. The admin can edit the text fields and click on update button to commit those changes to database and the table view.

Delete: The admin clicks on a row on the table. The row records will render in the text fields. The admin can click on delete button to delete the record from database and the table view.

Back: Back button will redirect admin to go back to the dashboard.

Logout: Logout button will log the admin out of the application and navigate back to login screen.

10.2. Screenshot

> ➢ **Updating the Address from the Admin Dashboard of the user:**

Food Ordering Application

Customer Detail Operations

ID	NAME	EMAIL	ADDRESS	PHONE
1	Kavya	kavya@gmail.com	Chicago	312792600
2	Dileep	dileep@gmail.com	lm	312567800
3	Sam	sam@gmail.com	pr	312567600
4	Bob	bob@gmail.com	lakemea	315678902
5	Rama	ramakrishna@gmail.c...	Praire	312956451
6	Rama	ramakrishna@gmail.c...	Praire	312956451
7	Riya	riya@gmail.com	Neparvilley	312956453
8	Paul	paul@gmail.com	Sharevilley	312956345
9	Jami	Jami129@gmail.com	Hazelcrest	312956356
10	Rider	rider.p@gmail.com	Chicago	312789345
11	Sahiti	sahiti@gmail.com	Detroit	312564234

| 1 | Kavya | kavya@gmail.com | Chicago | 312792600 |

Update   Delete   Back   Logout

Food Ordering Application

Customer Detail Operations

ID	NAME	EMAIL	ADDRESS	PHONE
1	Kavya	kavya@gmail.com	New York	312792600
2	Dileep	dileep@gmail.com	lm	312567800
3	Sam	sam@gmail.com	pr	312567600
4	Bob	bob@gmail.com	lakemea	315678902
5	Rama	ramakrishna@gmail.c...	Praire	312956451
6	Rama	ramakrishna@gmail.c...	Praire	312956451
7	Riya	riya@gmail.com	Neparvilley	312956453
8	Paul	paul@gmail.com	Sharevilley	312956345
9	Jami	Jami129@gmail.com	Hazelcrest	312956356
10	Rider	rider.p@gmail.com	Chicago	312789345
11	Sahiti	sahiti@gmail.com	Detroit	312564234

| 1 | Kavya | kavya@gmail.com | New York | 312792600 |

Updated Successfully!   Update   Delete   Back   Logout

➢ **Deleting the last user from the Admin Dashboard:**

Food Ordering Application

Customer Detail Operations

ID	NAME	EMAIL	ADDRESS	PHONE
1	Kavya	kavya@gmail.com	New York	312792600
2	Dileep	dileep@gmail.com	lm	312567800
3	Sam	sam@gmail.com	pr	312567600
4	Bob	bob@gmail.com	lakemea	315678902
5	Rama	ramakrishna@gmail.c...	Praire	312956451
6	Rama	ramakrishna@gmail.c...	Praire	312956451
7	Riya	riya@gmail.com	Neparvilley	312956453
8	Paul	paul@gmail.com	Sharevilley	312956345
9	Jami	Jami129@gmail.com	Hazelcrest	312956356
10	Rider	rider.p@gmail.com	Chicago	312789345
11	Sahiti	sahiti@gmail.com	Detroit	312564234

| 11 | Sahiti | sahiti@gmail.com | Detroit | 312564234 |

Update   Delete   Back   Logout

Food Ordering Application

Customer Detail Operations

ID	NAME	EMAIL	ADDRESS	PHONE
1	Kavya	kavya@gmail.com	New York	3127926002
2	Dileep	dileep@gmail.com	lm	3125678002
3	Sam	sam@gmail.com	pr	3125676002
4	Bob	bob@gmail.com	lakemea	3156789020
5	Rama	ramakrishna@gmail.c...	Praire	3129564511
6	Rama	ramakrishna@gmail.c...	Praire	3129564511
7	Riya	riya@gmail.com	Neparvilley	3129564531
8	Paul	paul@gmail.com	Sharevilley	3129563456
9	Jami	Jami129@gmail.com	Hazelcrest	3129563564
10	Rider	rider.p@gmail.com	Chicago	3127893455

| 11 | Sahiti | sahiti@gmail.com | Detroit | 312564234 |

Deleted Successfully!   Update   Delete   Back   Logout

Customer Detail Operations

ID	NAME	EMAIL	ADDRESS	PHONE
1	Kavya	kavya@gmail.com	New York	3127926002
2	Dileep	dileep@gmail.com	lm	3125678002
3	Sam	sam@gmail.com	pr	3125676002
4	Bob	bob@gmail.com	lakemea	3156789020
5	Rama	ramakrishna@gmail.c...	Praire	3129564511
6	Rama	ramakrishna@gmail.c...	Praire	3129564511
7	Riya	riya@gmail.com	Neparvilley	3129564531
8	Paul	paul@gmail.com	Sharevilley	3129563456
9	Jami	Jami129@gmail.com	Hazelcrest	3129563564
10	Rider	rider.p@gmail.com	Chicago	3127893455

| ID | Customer Name | Email | Address | Phone |

Update   Delete   Back   Logout

11.Order Detail Operations

11.1. Functionalities:

The Admin can view and update the orders by changing the status. The orders are automatically populated into the table from database.

Update: The admin clicks on a row on the table, then selects a new status option and clicks on update to change the status of the order. This change is committed to database and the table view. The customer will be able to track this status.

Back: Back button will redirect admin to go back to the dashboard.

Logout: Logout button will log the admin out of the application and navigate back to login screen.

11.2. Screenshot

Order Detail Operations

ORDER#	CUSTOMER ID	TOTAL PRICE	TOTAL PRICE + TAX	DATE	STATUS
9	3	13.5	14.85	2023/05/01 11:03:50	Delivered
10	3	16.0	17.6	2023/05/01 11:06:53	Processing Order
11	3	14.68	16.14	2023/05/01 11:45:06	Delivered
12	36	35.0	38.5	2023/05/01 11:06:57	Delivered
13	8	22.84	25.12	2023/05/01 11:07:50	Delivered
14	7	23.67	26.03	2023/05:01 11:08:30	Out for Delivery
17	3	17.07	18.77	2023/05/01 11:06:57	Processing Order
18	3	8.5	9.35	2023/05/01 11:07:50	Cancelled
19	3	43.45	47.79	2023/05:01 11:08:30	Order Placed

Status : [▼]   Update Order Status

Back   Logout

12. Customer Dashboard

12.1. Dashboard

The customer dashboard allows the user to select between the various operation possible for the customer- Order food, Update Profile, Check Order status and Logout.

12.2. Screenshot

13.ORDER FOOD (ADD TO CART)

13.1. The customer can choose menu items from the menu table, select the quantity and add them to cart one at a time.

13.2. Screenshots

13.2.1. Add to Cart page entry

13.2.2. Customer adds items to cart. Price, tax and total price with tax can be viewed in the text fields for Price, price with tax below the cart.

13.2.3. If the customer forgets to select the quantity while adding to cart, message will be prompted to the user.

13.2.4. Once the user adds the items to cart and clicks on place order button, a message is prompted on screen that the order has been placed, along with the order number.

14. UPDATE PROFILE

14.1. The customer can updates one's profile by clicking on the Update Profile button on the dashboard. The update profile page will auto populate the customers details from database. The user can then just click on any text field and click on update button to update the profile.

14.2. Screenshots

14.2.1. Update profile entry

14.2.2. Updated profile

15.ORDER HISTORY

15.1. The customer can track one's current and past orders by click on Check order status button on the dashboard.

15.2. Screenshots

15.2.1. Track order page entry will populate the table with the past and current order along with statuses and data-time when the order was placed.

The customer can choose to cancel the order as long as the order has not yet begun processing.
The customer cannot cancel any order with status other than "Order Placed".
The customer has options to navigate back to dashboard or logout of the application.

16. DATABASE TABLES

1. fooditemdb_11

2. UserDetailDB_02

	user_id	username	email	address	phone	password
☐ Edit ᑌ Copy ⊖ Delete	7	dileep	dileep@gmail.com	500E 33	3127928002	1234567
☐ Edit ᑌ Copy ⊖ Delete	8	Kavya	kavya@gmail.com	Chicago	3127928004	Kavya0207
☐ Edit ᑌ Copy ⊖ Delete	9	Bob	bob@gmail.com	lm	3124567892	bob123

Query results operations

🖨 Print ᑌ Copy to clipboard 📄 Export 📊 Display chart 📄 Create view

3. OFOS_OrderDB_01

10 records in my database added by some users for ordering food when the order is placed:

Showing rows 0 - 7 (8 total, Query took 0.0003 seconds.)

SELECT * FROM `ofos_orderdb_01`

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create

	id	total_price	total_price_with_tax	status	date	user_id
☐ Edit ᑌ Copy ⊖ Delete	9	13.5	14.85	Delivered	2023-05-01 11:03:50	2
☐ Edit ᑌ Copy ⊖ Delete	10	16	17.6	Processing Order	2023-05-01 11:06:53	1
☐ Edit ᑌ Copy ⊖ Delete	11	14.68	16.14	Delivered	2023-05-01 11:45:06	3
☐ Edit ᑌ Copy ⊖ Delete	17	17.07	18.77	Processing Order	2023-05-01 11:06:57	4
☐ Edit ᑌ Copy ⊖ Delete	18	8.5	9.35	Cancelled	2023-05-01 11:07:50	2
☐ Edit ᑌ Copy ⊖ Delete	19	43.45	47.79	Order Placed	2023-05-01 11:08:30	1
☐ Edit ᑌ Copy ⊖ Delete	20	37.93	41.72	Order Placed	2023-05-01 11:09:23	3
☐ Edit ᑌ Copy ⊖ Delete	22	40	44	Processing Order	2023-05-05 10:48:50	4

☐ Check all With selected: Edit Copy ⊖ Delete 📄 Export

17.Additional Snapshots

10 records in my database added by some users for ordering food when the order is placed:

2.Delete one record from your database

The Bob record was also deleted in the database automatically.

SAME AS

Adding and deleting a record from database which is reflecting in Application

SELECT * FROM `ofos_userdetaildb_02`

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 ∨   Filter rows: Search this table   Sort by key: None ∨

+ Options

			user_id	username	email	address	phone	password
☐	🖊 Edit ⬚ Copy ⊝ Delete		3	Tinku	tinku@gmail.com	Chicago lm	3127922004	tinku123
☐	🖊 Edit ⬚ Copy ⊝ Delete		7	dileep	dileep@gmail.com	500E 33	3127928002	1234567
☐	🖊 Edit ⬚ Copy ⊝ Delete		8	Kavya	kavya@gmail.com	Chicago	3127928004	Kavya0207

↑ ☐ Check all   With selected: 🖊 Edit ⬚ Copy ⊝ Delete 🖼 Export

☐ Show all | Number of rows: 25 ∨   Filter rows: Search this table   Sort by key: None ∨

Query results operations

🖨 Print ⬚ Copy to clipboard 🖼 Export 📊 Display chart 🖼 Create view

---

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 ∨   Filter rows: Search this table   Sort by key: None ∨

✔ 1 row affected. (Query took 0.0011 seconds.)

+ Options

			user_id	username	email	address	phone	password
☐	🖊 Edit ⬚ Copy ⊝ Delete		7	dileep	dileep@gmail.com	500E 33	3127928002	1234567
☐	🖊 Edit ⬚ Copy ⊝ Delete		8	Kavya	kavya@gmail.com	Chicago	3127928004	Kavya0207

↑ ☐ Check all   With selected: 🖊 Edit ⬚ Copy ⊝ Delete 🖼 Export

☐ Show all | Number of rows: 25 ∨   Filter rows: Search this table   Sort by key: None ∨

Query results operations

🖨 Print ⬚ Copy to clipboard 🖼 Export 📊 Display chart 🖼 Create view

Successfully reflected in Application

18.EXCEPTION HANDLING

One of the most important aspect is error trapping and error handling which is incorporated in the food ordering application. Maximum Exception Handling has been covered.
 In this application exception handling is covered for each field which will be filled or left blank.