

Project Specification Document

Document Version 1.0

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Foodbox Application- Capstone Project

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1. About this Document

This functional and integration (FIS) document will enable you to understand the proposed solution of Foodbox.com

The content of the document will have a solution and its configuration details as it will be available for our client.

How this Document is organized

This document is organized into following chapters:

Chapter 1 - "Introduction" provides solution scope to be delivered to our client.

Chapter 2 - "Flow chart" provides how the user is interacting with the application.

Chapter 3 - "Solution Overview" provides information on Company Foodbox Pvt. Ltd., Components and Interfaces in system.

Chapter 4- “GitHub link” provides the information where the project is located.

Contact Information

Foodbox Online Portal welcomes your comments and suggestions on the quality and usefulness of this document. For any questions, comments, or suggestions on the documentation, you can contact us at the following address:

For Indian Users

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Foodbox.com

2. Introduction

This document describes the implementation of **Foodbox Application** and how its users can interact with the application.

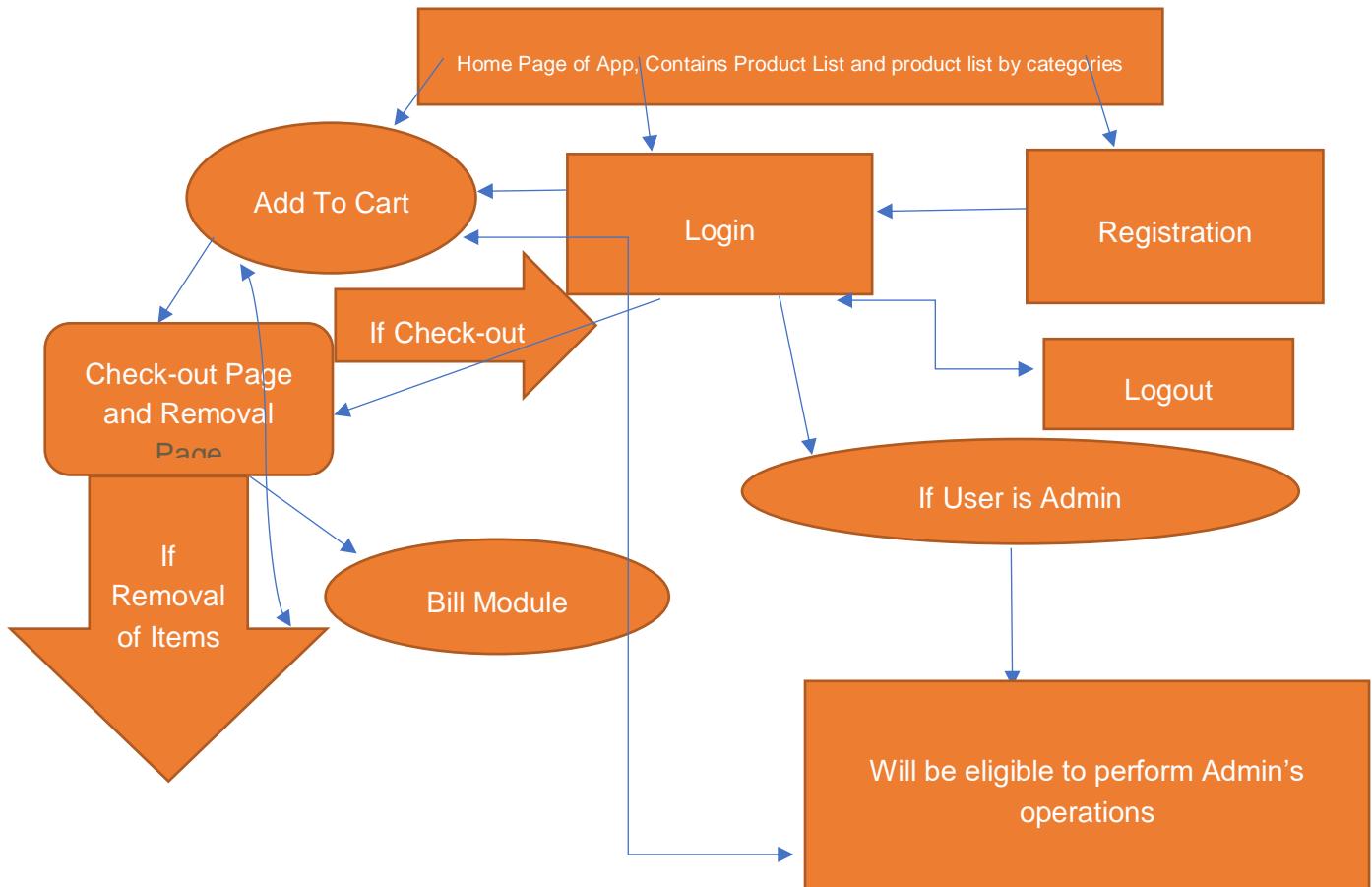
Foodbox is a restaurant chain that delivers food items of different cuisines at affordable prices. It was established in 2014 in Bengaluru, India. It had been serving fine all these years; however, the business analysts noticed a decline in sales since 2016. They found out that the online ordering of food items with companies, such as Swiggy and Foodpanda were gaining more profit by eliminating middlemen from the equation. As a result, the team decided to hire a Full Stack developer to develop an online food delivery web application with a rich and user-friendly interface.

Objectives

As a Full Stack developer to develop an online food delivery web application with a rich and user-friendly interface.

3. Flow chart

The objective of this session to show how the user interacts with the flow of the **Foodbox Online Portal for ordering food online from Foodbox portal.**



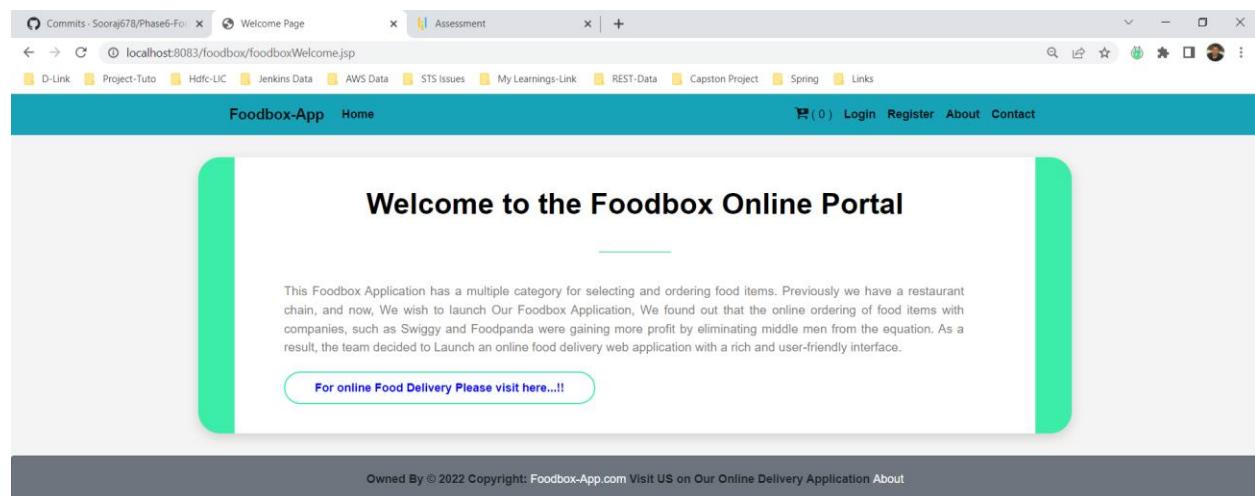
4 Solution Overview

Platform requirement

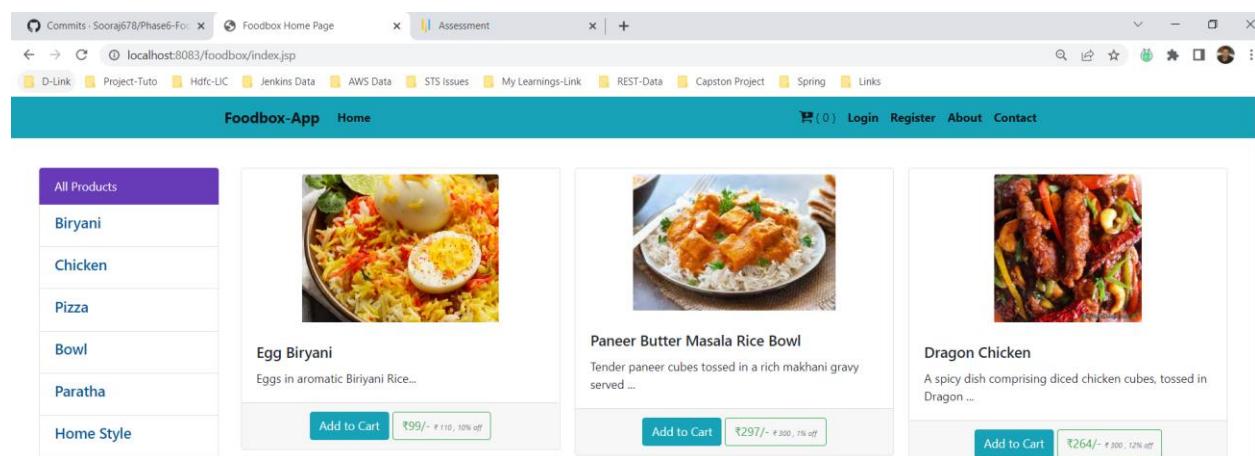
The platform used for this project is the STS3 (Spring Tool Suit 3), Tomcat, MySQL Workbench and technologies I have used in this project are Hibernate, JAVA, Servlet, JSP, HTML, CSS, Maven and Java Script.

UI and Functionalities for Users of Foodbox.com:

Welcome Page:



Home Page: All Category Food



Project Specification Document

Foodbox Application

The screenshot shows a web browser window displaying the Foodbox Home Page. The page features a sidebar on the left with categories: Desi Chai, Chinese, Indian Roti, and Rice. Below these are two sections of food items:

- Chicken Biryani**: Succulent Chicken Meat in aromatic Biryani Rice...
Add to Cart | ₹209/- ₹220, 5% off
- Grilled Chicken Biryani**: Aromatic Biryani with grilled chicken...
Add to Cart | ₹243/- ₹230, 5% off
- Veg Manchurian with Choice of Rice Bowl**: Mix veg fried fritters, onion and capsicum tossed in classic ...
Add to Cart | ₹268/- ₹270, 1% off
- Veg Chilli Garlic Noodles Bowl**: Noodles tossed with carrot, capsicum & onion flavored with chilli ...
Add to Cart | ₹198/- ₹200, 1% off
- Chilli Garlic Noodles Veg**: Noodles with carrot, cabbage, mustard plant & bell peppers tossed ...
Add to Cart | ₹162/- ₹180, 10% off
- Chilli Paneer**: A favourite of the veg lovers; this spicy vegetarian dish ...
Add to Cart | ₹200/- ₹200, 0% off

The screenshot shows a second view of the Foodbox Home Page. It displays a different set of food items in a grid format:

- Mutton Biryani**: Rich Leg of Mutton in aromatic Biryani rice...
Add to Cart | ₹319/- ₹350, 9% off
- Shadi ki Biryani**: Succulent Mutton Meat in Aeromatic Biryani Rice...
Add to Cart | ₹173/- ₹180, 4% off
- Veg Manchurian with Choice of Noodles Bowl**: Mix veg fried fritters, onion and capsicum tossed in classic ...
Add to Cart | ₹198/- ₹200, 1% off
- Anda Peppy Paratha In Wheat Flour (Atta)**: Crispy, crunchy layered paratha topped with a fluffy omellette. Enjoyed! ...
Add to Cart | ₹285/- ₹290, 2% off
- Crispy Chilli Baby Corn**: A starter dish to blindly surrender to with soft baby ...
Add to Cart | ₹200/- ₹250, 20% off
- Hakka Noodles Veg**: Wok tossed noodles with vegetables such as cabbage, carrot, capsicum ...
Add to Cart | ₹152/- ₹190, 20% off

Project Specification Document

Foodbox Application

The screenshot shows a web browser window displaying the Foodbox Home Page. The page features a grid of food items with the following details:

- ButterChicken**: Butter Chicken Masala...
Add to Cart | ₹138/- ₹140, 2% off
- Loaded Aloo Peppy Paratha**: Punjabi - spiced mashed potato along with Onion , spiced ...
Add to Cart | ₹194/- ₹195, 1% off
- Fried Rice**: Fried Rice .. Rich with green vegetables...
Add to Cart | ₹108/- ₹120, 10% off
- Chicken Gravy**: Chicken Gravy Masala...
Add to Cart | ₹129/- ₹130, 1% off
- Loaded Paneer Peppy Paratha**: Malai paneer stuffed cheese-filled, fresh-herb paratha. Best enjoyed with our ...
Add to Cart | ₹238/- ₹240, 1% off
- VEG MANCHOW SOUP**: This soup come in a spicy, soya based and brown ...
Add to Cart | ₹144/- ₹160, 20% off

The screenshot shows a web browser window displaying the Foodbox Home Page. The page features a grid of food items with the following details:

- Loaded Paneer Peppy Paratha**: Malai paneer stuffed cheese-filled, fresh-herb paratha. Best enjoyed with our ...
Add to Cart | ₹238/- ₹240, 1% off
- Special Non-Veg Combo**: Special Non-Veg Combo with North Indian touch.....
Add to Cart | ₹280/- ₹350, 20% off
- Chicken Gravy**: Dry Chicken Gravy...
Add to Cart | ₹136/- ₹140, 3% off
- Chatpati Gobi Paratha**: A soft flaky fiber-filled all-purpose flour gobi paratha accompanied by ...
Add to Cart | ₹176/- ₹195, 10% off
- Chicken 88**: Chicken 88...
Add to Cart | ₹157/- ₹160, 2% off
- Phulka**: A Whole wheat soft and thin indian flat bread puffed ...
Add to Cart | ₹18/- ₹19, 10% off

Project Specification Document

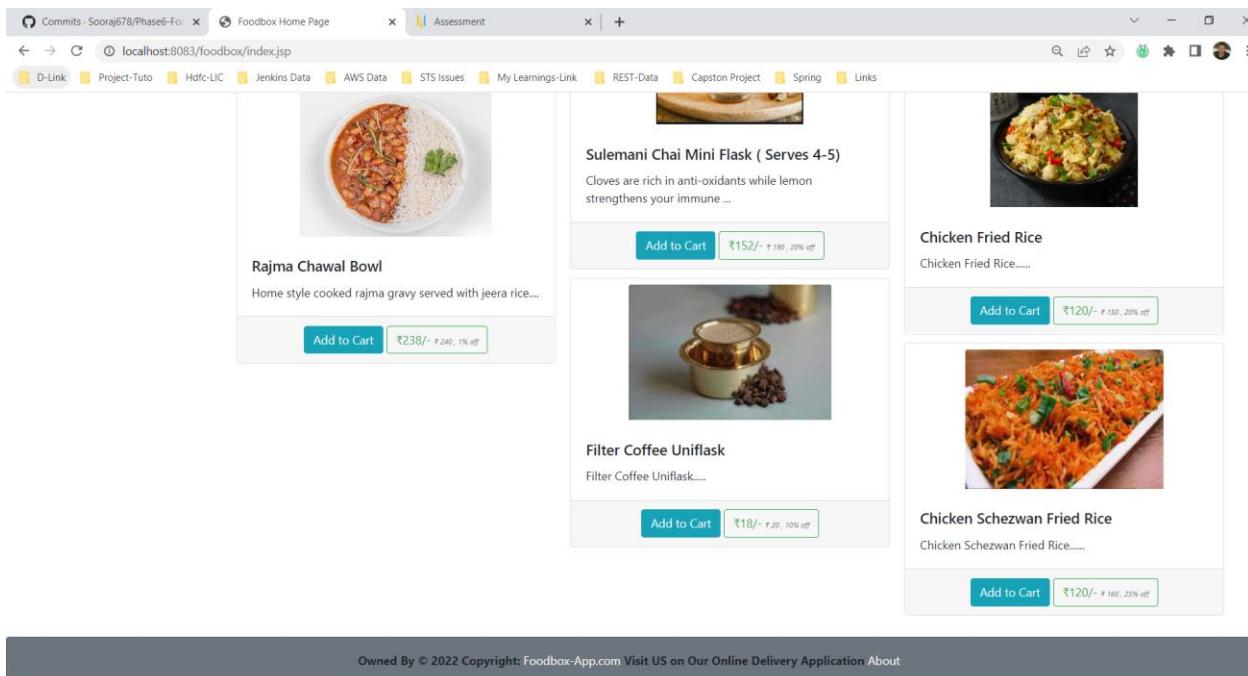
Foodbox Application

The screenshot shows a web browser window displaying the Foodbox Home Page. The page features a grid of food items with their names, descriptions, and price details. Each item includes an 'Add to Cart' button and a discount message.

Item	Description	Price	Discount
Pepper Chicken	Dry Pepper Chicken ...	₹109/-	₹110, 1% off
Roasted Chicken	Roasted Chicken 8 Pieces...	₹247/-	₹260, 3% off
Chilli Cheese Paratha	A classic! The sharp seasoned Chilli is complemented by warmed ...	₹243/-	₹270, 10% off
Mix Veg Paratha	A medley of well-seasoned vegetables inside a smashing all-purpose flour ...	₹185/-	₹205, 10% off
Lachcha Paratha	Lachcha Paratha rich in health.....	₹23/-	₹25, 10% off

The screenshot shows a second view of the Foodbox application's home page, featuring a different set of food items arranged in a grid. Each item includes a detailed description, an 'Add to Cart' button, and a discount message.

Item	Description	Price	Discount
Roasted Chicken	Roasted Chicken 8 Pieces...	₹247/-	₹260, 3% off
Alfaham Chicken	Alfaham Chicken 6 Pieces...	₹192/-	₹200, 4% off
Aloo Gobhi	Aloo Gobhi Dry.....	₹59/-	₹65, 10% off
Dal Tadka	Dal Tadka, fried Tadka.....	₹27/-	₹30, 10% off
Lachcha Paratha	Lachcha Paratha rich in health.....	₹23/-	₹25, 10% off
Missi Butter Roti	Missi Butter Roti.....	₹48/-	₹50, 20% off



Food Items on the basis of Category: Biryani Category

The screenshot shows a web browser window with a sidebar and five food items listed:

- Egg Biryani**: Eggs in aromatic Biryani Rice...
Add to Cart | ₹99/- ₹100, 10% off
- Grilled Chicken Biryani**: Aromatic Biryani with grilled chicken...
Add to Cart | ₹243/- ₹250, 7% off
- Shadi ki Biryani**: Succulent Mutton Meat in Aromatic Biryani Rice...
Add to Cart | ₹173/- ₹180, 4% off
- Chicken Biryani**: Succulent Chicken Meat in aromatic Biryani Rice...
Add to Cart | ₹209/- ₹210, 1% off
- Mutton Biryani**: Rich Leg of Mutton in aromatic Biryani rice...
Add to Cart | ₹319/- ₹320, 3% off

At the bottom, there is a footer bar with the text: "Owned By © 2022 Copyright: Foodbox-App.com Visit US on Our Online Delivery Application About".

Chicken Category

The screenshot shows the Foodbox Application's interface for the Chicken category. The left sidebar lists various product categories, and the main area displays six chicken dishes with their respective images, names, descriptions, and price buttons.

Dish	Description	Price
ButterChicken	Butter Chicken Masala...	₹135/- ₹135/-
Chicken 88	Chicken 88...	₹157/- ₹157/-
Roasted Chicken	Roasted Chicken 8 Pieces...	₹247/- ₹247/-
Chicken Gravy	Chicken Gravy Masala...	₹120/- ₹120/-
Pepper Chicken	Dry Pepper Chicken...	₹100/- ₹100/-
Alham Chicken	Alham Chicken 8 Pieces...	₹192/- ₹192/-

Pizza Category

The screenshot shows the Foodbox Application's interface for the Pizza category. The left sidebar lists various product categories, and the main area displays five pizza dishes and one new item. The new item is highlighted with a red 'NEW' banner.

Dish	Description	Price
Pepper Barbecue Chicken	Pepper barbecue chicken for that extra zing...	₹287/- ₹287/-
Margherita	Classic delight with 100% real mozzarella cheese...	₹119/- ₹119/-
Onion Pizza	The pizza mania classic Crunchy onion on a cheesy base...	₹85/- ₹85/-
Non Veg Loaded	Chicken sausage, pepper barbecue chicken & peri-peri chicken in a ...	₹198/- ₹198/-
Choco Lava Cake	Chocolate lovers delight! indulgent, gooey molten lava inside chocolate cake...	₹119/- ₹119/-
Paneer Tikka Stuffed Garlic Bread	Freshly Baked Stuffed Garlic Bread with Cheese, Onion and Paneer ...	₹159

Bowl Category

The screenshot shows a web browser window with the URL localhost:8083/foodbox/index.jsp?category=4. The page title is "Foodbox Home Page". The left sidebar has a purple header "All Products" and a list of categories: Biryani, Chicken, Pizza, Bowl, Paratha, Home Style, Desi Chai, Chinese, Indian Roti, and Rice. The main content area displays five bowl products in a grid:

- Spicy Butter Chicken Rice Bowl**: Smoky char-grilled chicken tossed with a rich medium spicy makhani ... **Add to Cart** ₹225/- incl. tax.
- Paneer Butter Masala Rice Bowl**: Tender paneer cubes tossed in a rich makhani gravy served ... **Add to Cart** ₹267/- incl. tax.
- Veg Chilli Garlic Noodles Bowl**: Noodles tossed with carrot, capsicum & onion flavored with chilli ... **Add to Cart** ₹195/- incl. tax.
- Dal Fry Rice Bowl**: Yellow dal tempered with garlic and jeera served with jeera ... **Add to Cart** ₹210/- incl. tax.
- Veg Manchurian with Choice of Rice Bowl**: Mix veg fried fritters, onion and capsicum tossed in classic ... **Add to Cart** ₹235/- incl. tax.
- Rajma Chawal Bowl**: Home style cooked rajma gravy served with jeera rice ... **Add to Cart** ₹235/- incl. tax.
- Veg Manchurian with Choice of Noodles Bowl**: Mix veg fried fritters, onion and capsicum tossed in classic ... **Add to Cart** ₹235/- incl. tax.

At the bottom, there is a footer bar with the text "Owned By © 2022 Copyright: foodbox-App.com Visit US on Our Online Delivery Application About".

Paratha Category

The screenshot shows a web browser window with the URL localhost:8083/foodbox/index.jsp?category=5. The page title is "Foodbox Home Page". The left sidebar has a purple header "All Products" and a list of categories: Biryani, Chicken, Pizza, Bowl, Paratha, Home Style, Desi Chai, Chinese, Indian Roti, and Rice. The main content area displays six paratha products in a grid:

- Anda Peppy Paratha In Wheat Flour (Atta)**: Crispy, crunchy layered paratha topped with a fluffy omelette. Enjoyed ... **Add to Cart** ₹189/- incl. tax.
- Loaded Paneer Peppy Paratha**: Malai paneer stuffed cheese-filled, fresh-herb paratha. Best enjoyed with our ... **Add to Cart** ₹236/- incl. tax.
- Chilli Cheese Paratha**: A classic! The sharp seasoned Chilli is complemented by warmed ... **Add to Cart** ₹243/- incl. tax.
- Loaded Aloo Peppy Paratha**: Punjabi - spiced mashed potato along with Onion, spiced ... **Add to Cart** ₹194/- incl. tax.
- Chatpati Gobi Paratha**: A soft flaky fiber-filled all-purpose flour gobi paratha accompanied by ... **Add to Cart** ₹176/- incl. tax.
- Mix Veg Paratha**: A medley of well-seasoned vegetables inside a smashing all-purpose flour ... **Add to Cart** ₹185/- incl. tax.

At the bottom, there is a footer bar with the text "Owned By © 2022 Copyright: foodbox-App.com Visit US on Our Online Delivery Application About".

Home Style Category

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Desi Chai Category

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Chinese Category

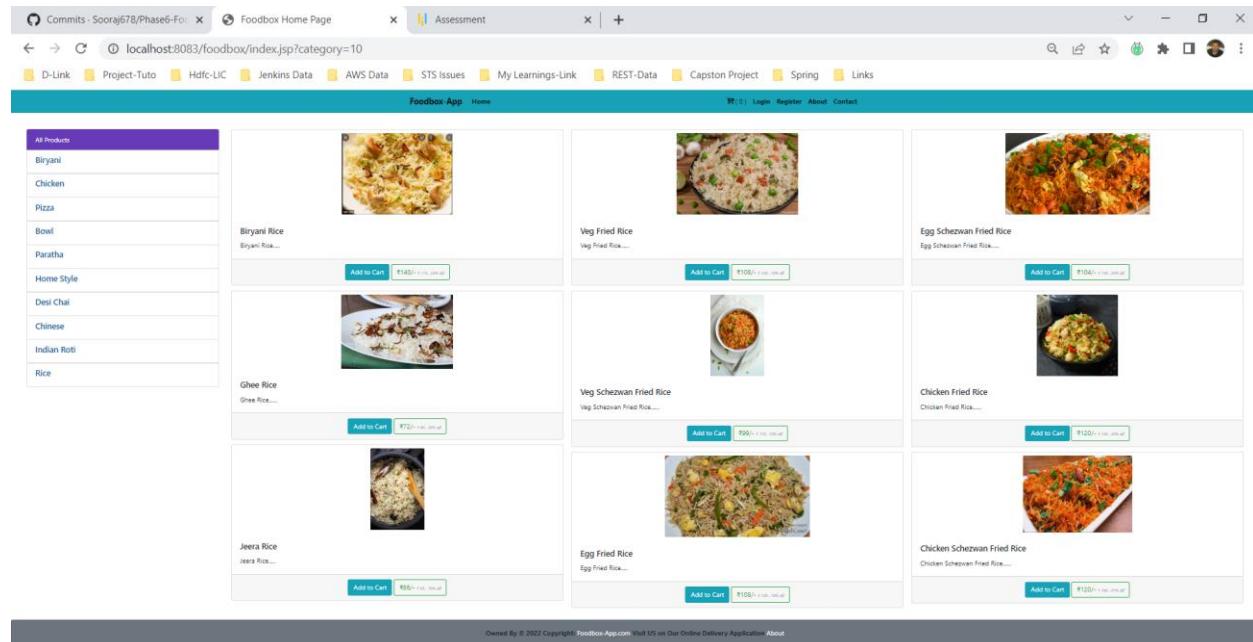
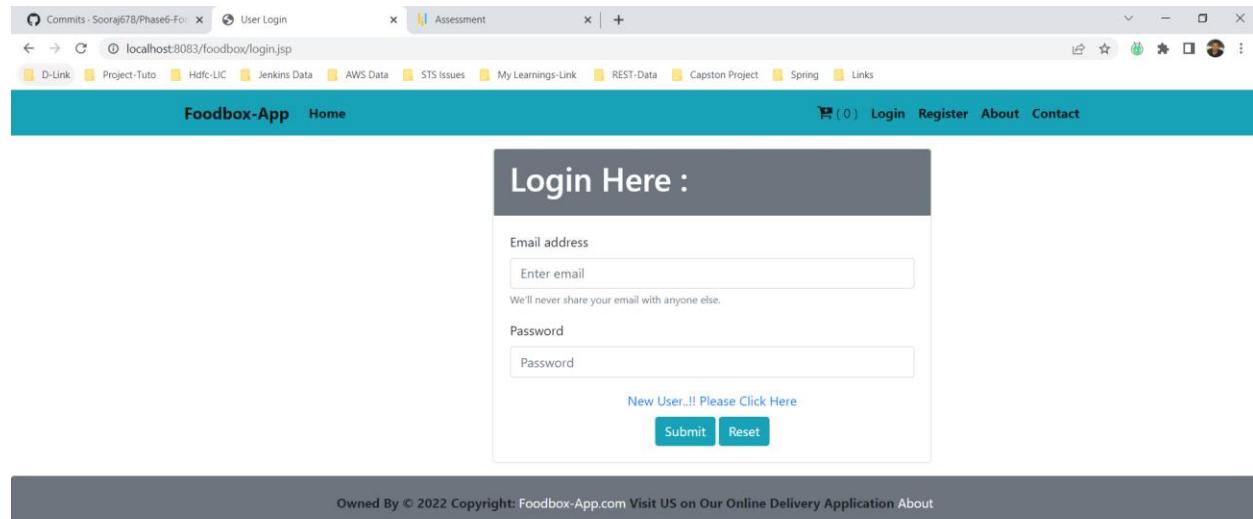
The screenshot shows the Chinese category page of the Foodbox Application. The left sidebar lists categories like All Products, Biryani, Chicken, Pizza, Bowl, Paratha, Home Style, Desi Chai, Chinese, Indian Roti, and Rice. The main content area displays seven dishes:

- Dragon Chicken: A spicy dish comprising diced chicken cubes, tossed in Dragon...
- Crispy Chilli Baby Corn: A starter dish to mildly surrender to with soft baby...
- Manchow Soup: This sou... come in a spicy, soya based and brown...
- Chilli Garlic Noodles Veg: Noodles with carrot, cabbage, mustard plant & bell pepper tossed...
- Hakka Noodles Veg: Wok tossed noodles with vegetables such as cabbage, carrot, capsicum...
- Special Non-Veg Combo: Special Non-Veg Combo with North Indian touch...
- Fried Rice: Fried Rice - Rich with green vegetables...
- Chilli Paneer: A favourite of the veg lover, this spicy vegetarian dish...

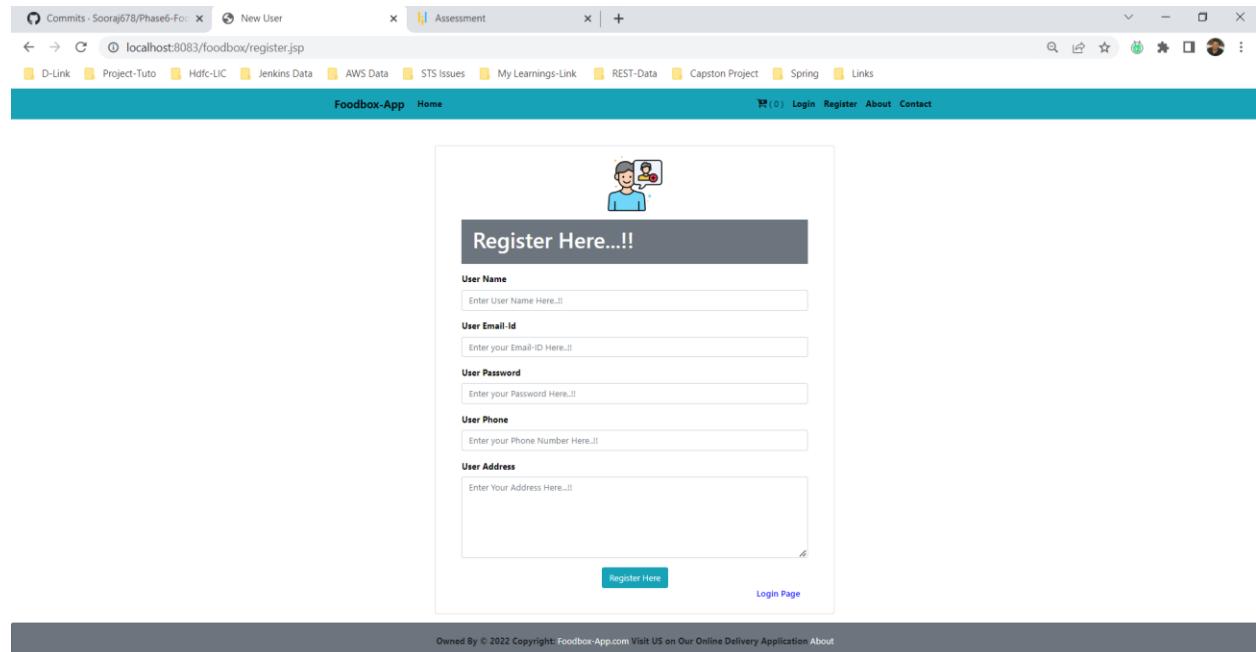
Indian Roti Category

The screenshot shows the Indian Roti category page of the Foodbox Application. The left sidebar lists categories like All Products, Biryani, Chicken, Pizza, Bowl, Paratha, Home Style, Desi Chai, Chinese, Indian Roti, and Rice. The main content area displays six items:

- Phulka: A Whole wheat soft and thin Indian flat bread puffed ...
- Lachcha Paratha: Lachcha Paratha rich in health....
- Tandoori Butter Roti: A Whole wheat Indian flat bread prepared traditionally and perfectly ...
- Desi Ghee Phulka: A Whole wheat soft and thin Indian flat bread puffed ...
- Missi Butter Roti: Missi Butter Roti....
- Butter Naan: Butter Naan....

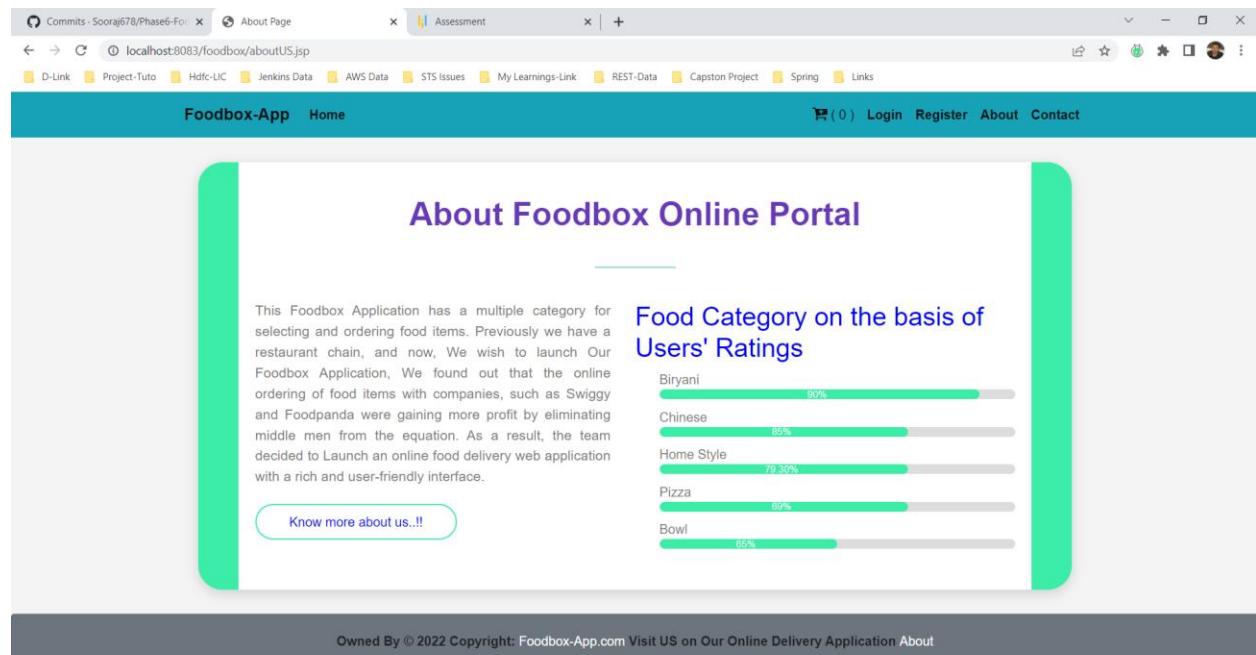
Rice Category**Login Page:**

Register Page



The screenshot shows a web browser window with multiple tabs open. The active tab is titled "New User" and has the URL "localhost:8083/foodbox/register.jsp". The browser's address bar also displays this URL. The page content is titled "Register Here...!!" and contains fields for "User Name", "User Email-Id", "User Password", "User Phone", and "User Address". Each field has a placeholder text. At the bottom of the form are two buttons: "Register Here" and "Login Page". The browser's header includes a navigation bar with icons for back, forward, search, and refresh, along with a toolbar with various links.

About Page

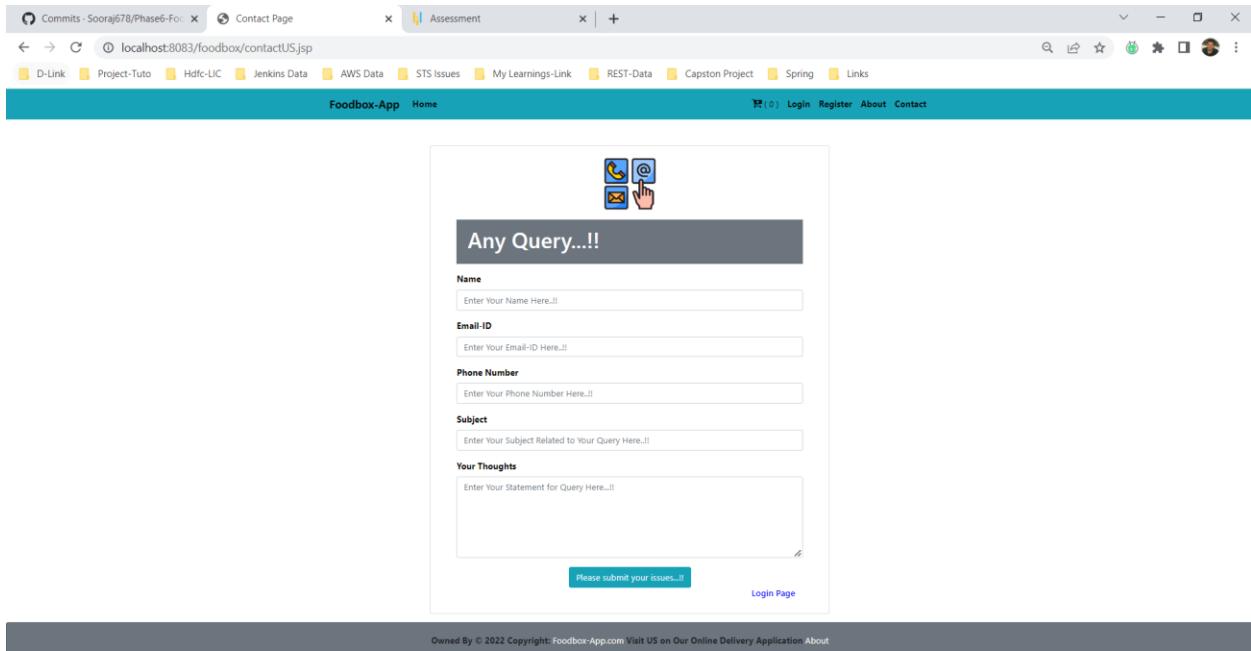


The screenshot shows a web browser window with multiple tabs open. The active tab is titled "About Page" and has the URL "localhost:8083/foodbox/aboutUS.jsp". The browser's address bar also displays this URL. The page content is titled "About Foodbox Online Portal". It features a text block describing the application's history and a chart titled "Food Category on the basis of Users' Ratings". The chart is a horizontal bar chart with the following data:

Food Category	Rating (%)
Biryani	90%
Chinese	85%
Home Style	79.30%
Pizza	60%
Bowl	85%

At the bottom of the page is a footer bar with the text "Owned By © 2022 Copyright: Foodbox-App.com Visit US on Our Online Delivery Application About".

Contact Page

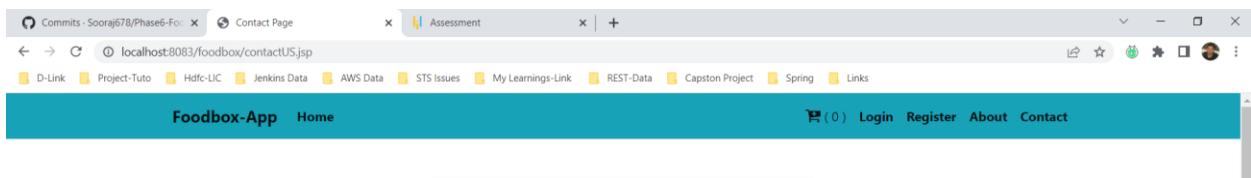


The screenshot shows a web browser window with the URL localhost:8083/foodbox/contactUS.jsp. The page title is "Assessment". The header includes links for D-Link, Project-Tuto, Hdfc-LIC, Jenkins Data, AWS Data, STS Issues, My Learnings-Link, REST-Data, Capston Project, Spring, and Links. Below the header is a navigation bar with "Foodbox-App" and "Home" buttons, and links for Login, Register, About, and Contact.

The main content area has a form titled "Any Query...!!" with fields for Name, Email-ID, Phone Number, Subject, and Your Thoughts. Each field has a placeholder text. There is a "Please submit your issues...!!" button and a "Login Page" link at the bottom right of the form.

At the bottom of the page, there is a footer bar with the text "Owned By © 2022 Copyright: Foodbox-App.com Visit US on Our Online Delivery Application About".

Navbar



Footer



Registration Page Work

Project Specification Document

Foodbox Application

The screenshot shows two consecutive views of the Foodbox Application's registration page. Both are displayed in a browser window with tabs for 'Commits - Sooraj678/Phase6-Fo...' and 'New User'.

The top view shows the registration form with fields filled: User Name (arjan singh), User Email-ID (arjun@gmail.com), User Password (1234567890), User Phone (1234567890), and User Address (Bangalore). The 'Register Here' button is visible at the bottom.

The bottom view shows the same registration form, but with empty fields. A green success message at the top left reads "Registration Successful!!! User ID is 4".

Login Page Work

Project Specification Document

Foodbox Application

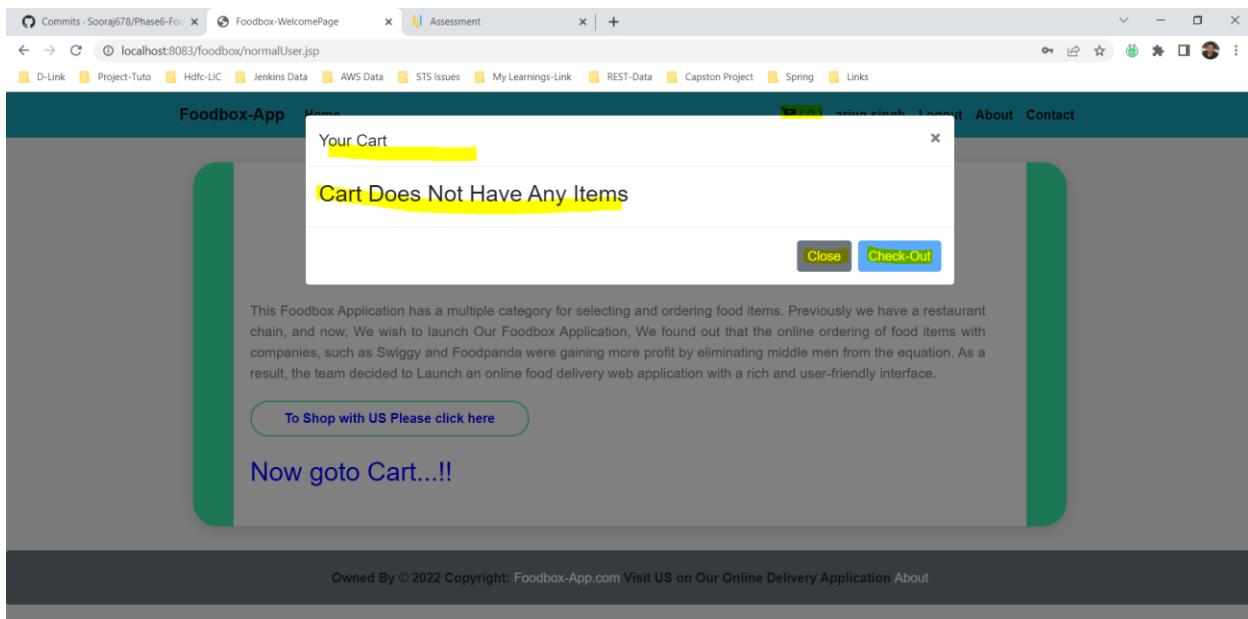
The screenshot shows two consecutive screenshots of a web application interface.

Screenshot 1: Login Page

The browser title bar shows "Commits - Sooraj678/Phase6-Fo" and "User Login". The address bar shows "localhost:8083/foodbox/login.jsp". The page header includes "Foodbox-App" and "Home". The top right has a user icon and links for "Logout", "About", and "Contact". The main content area is titled "Login Here :". It has fields for "Email address" (containing "arjun@gmail.com") and "Password". Below the password field is a link "New User...!! Please Click Here". At the bottom are "Submit" and "Reset" buttons.

Screenshot 2: Welcome Page

The browser title bar shows "Commits - Sooraj678/Phase6-Fo" and "Foodbox-WelcomePage". The address bar shows "localhost:8083/foodbox/normalUser.jsp". The page header includes "Foodbox-App" and "Home". The top right has a user icon showing "(0)" and links for "Logout", "About", and "Contact". The main content area has a green header "Welcome to Your Cart Portal". Below it is a paragraph about the food delivery application and a button "To Shop with US Please click here". There is also a link "Now goto Cart...!!". The footer contains the copyright information "Owned By © 2022 Copyright: Foodbox-App.com Visit US on Our Online Delivery Application About".



Online Delivery Module:

Category	Item Name	Description	Add to Cart	Price
Biryani	Egg Biryani	Eggs in aromatic Biryani Rice...	Add to Cart	₹99/- ₹ 110, 10% off
Chicken	Panner Butter Masala Rice Bowl	Tender panner cubes tossed in a rich makhani gravy served ...	Add to Cart	₹297/- ₹ 300, 1% off
Pizza	Dragon Chicken	A spicy dish comprising diced chicken cubes, tossed in Dragon ...	Add to Cart	₹264/- ₹ 300, 12% off
Bowl				
Paratha				
Home Style				
Desi Chai				
Chinese				
Indian Roti				
Rice				

Project Specification Document

Foodbox Application

Foodbox Home Page

Item Name	Description	Add to Cart	Price
Egg Biryani	Eggs in aromatic Biryani Rice...	Add to Cart	₹99/- ₹110, 10% off
Panner Butter Masala Rice Bowl	Tender paneer cubes tossed in a rich makhani gravy served ...	Add to Cart	₹297/- ₹300, 1% off
Dragon Chicken	A spicy dish comprising diced chicken cubes, tossed in Dragon ...	Add to Cart	₹264/- ₹300, 12% off

Your Cart

Item Name	Price	Quantity	Total Price	Action
Dragon Chicken	264	1	264	Remove

Total Price : 264

[Close](#) [Check-Out](#)

Project Specification Document

Foodbox Application

The screenshot shows a browser window with the URL localhost:8083/foodbox/checkout.jsp. The page title is "Assessment". The main content area is titled "Foodbox App" and "Home". On the left, there is a table titled "Your Selected Items" with one item: "Dragon Chicken" at a price of 264. On the right, there is a form titled "Your Details For Order" with fields for Email Address (arjun@gmail.com), Your Name (arjun singh), Your Contact (1234567890), Purchase Date (mm-yyyy), Select Food Category (highlighted in yellow with an error message "Please fill out this field"), Select Payment Mode (highlighted in yellow with an error message "Default Payment Mode is Cash on Delivery"), Purchase Total Amount (highlighted in yellow with an error message "Enter Total Amount of Purchase"), and Your Shipping Address (highlighted in yellow with an error message "Enter your address"). A green "Order Now" button is visible at the bottom.

This screenshot is identical to the one above, but the "Select Food Category" field is highlighted in yellow with an error message "Please fill out this field". All other fields and the "Order Now" button are in their original state.

Project Specification Document

Foodbox Application

The screenshot displays two pages of the Foodbox Application:

Checkout Page (Top Screenshot):

- Your Selected Items:** A table showing one item: Dragon Chicken (Price: 264, Quantity: 1, Total Price: 264). A "Remove" button is present.
- Your Details For Order:** Form fields include:
 - Email Address: arjun@gmail.com
 - Your Name: arjun singh
 - Your Contact: 1234567890
 - Purchase Date: 21-07-2022
 - Select Food Category for Delivery...!!: Chicken
 - Select Payment Mode: NetBanking
 - Purchase Total Amount: 264
 - Your Shipping Address: Bangalore
- A green "Order Now" button and a blue "Explore Our Food...!!" link.

Placed-Ordered Details (Bottom Screenshot):

- Placed-Ordered Details:** A purple header.
- Message:** Your Ordered has been Placed!!! Please Go To [redacted] in Your Cart and remove Added Items...!!!
- Email-Id used for Orders...!!:** arjun@gmail.com
- See Your Bill...!!** A green button.

Project Specification Document

Foodbox Application

The screenshot shows a web browser window for the Foodbox Application. The URL is localhost:8083/foodbox/bill.jsp?emailld=arjun@gmail.com. The page title is "Bill Page". The main content area displays "Order Details Are:" followed by a table with the following data:

Name	Email	Contact	ShippingAddress	PurchaseDate	PurchaseCategory	DeliveryStatus	ModeOfPayment	TotalAmount	MaxMinutesForDelivery
arjun singh	arjun@gmail.com	1234567898	Bangalore	2022-07-21	Chicken	Processing	NetBanking	264	39-Minutes Max

Below the table, it says "Invoice will be send on this E-mail Id:" with the value "arjun@gmail.com". A large green button labeled "Pay Your Bill...!!" is prominently displayed.

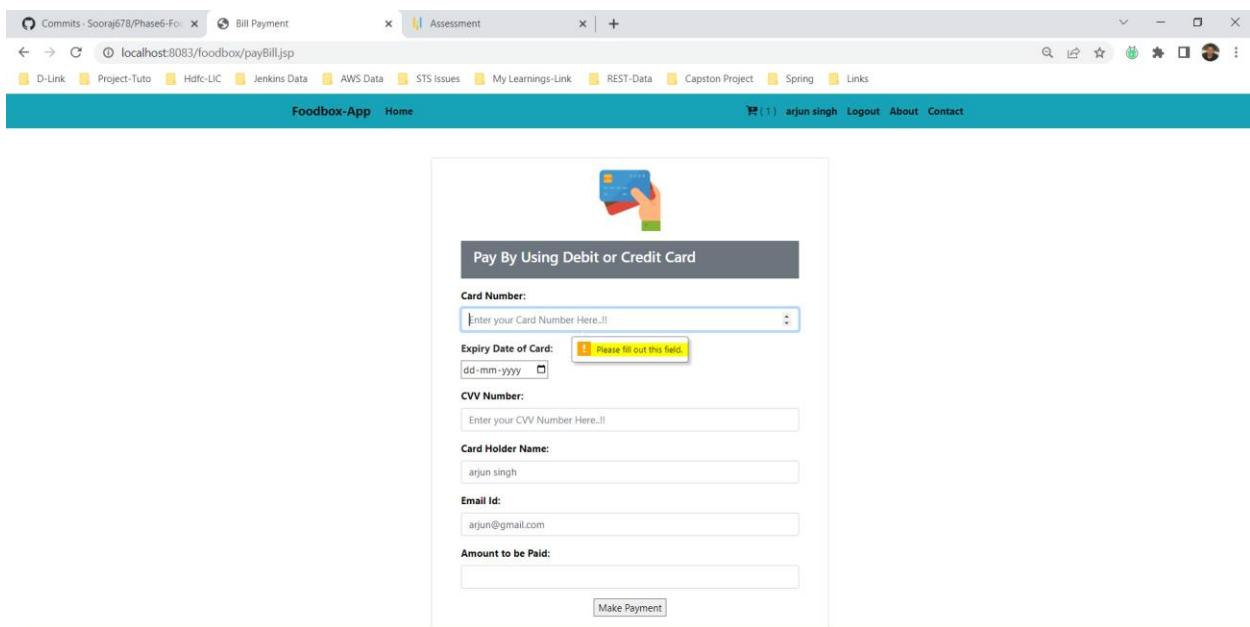
The screenshot shows a web browser window for the Foodbox Application. The URL is localhost:8083/foodbox/payBill.jsp. The page title is "Bill Payment". The main content area displays a form titled "Pay By Using Debit or Credit Card" with the following fields:

- Card Number:
- Expiry Date of Card:
- CVV Number:
- Card Holder Name:
- Email Id:
- Amount to be Paid:

A "Make Payment" button is at the bottom of the form. The footer of the page reads "Owned By © 2022 Copyright: Foodbox-App.com Visit US on Our Online Delivery Application About".

Project Specification Document

Foodbox Application



Screenshot of the Foodbox Application Bill Payment page. The page title is "Pay By Using Debit or Credit Card". It contains fields for Card Number, Expiry Date of Card, CVV Number, Card Holder Name, Email Id, and Amount to be Paid. A "Make Payment" button is at the bottom. The "Expiry Date of Card" field has a validation message: "Please fill out this field".

Card Number:

Expiry Date of Card: Please fill out this field

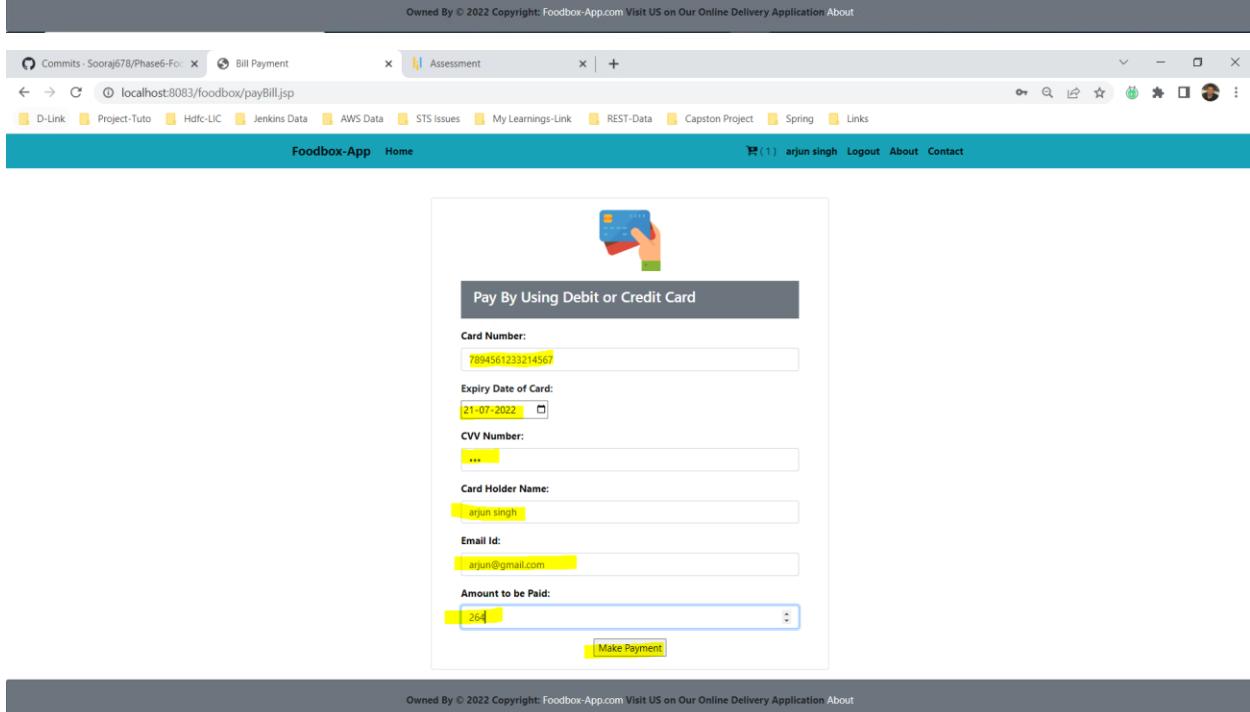
CVV Number:

Card Holder Name:

Email Id:

Amount to be Paid:

Make Payment



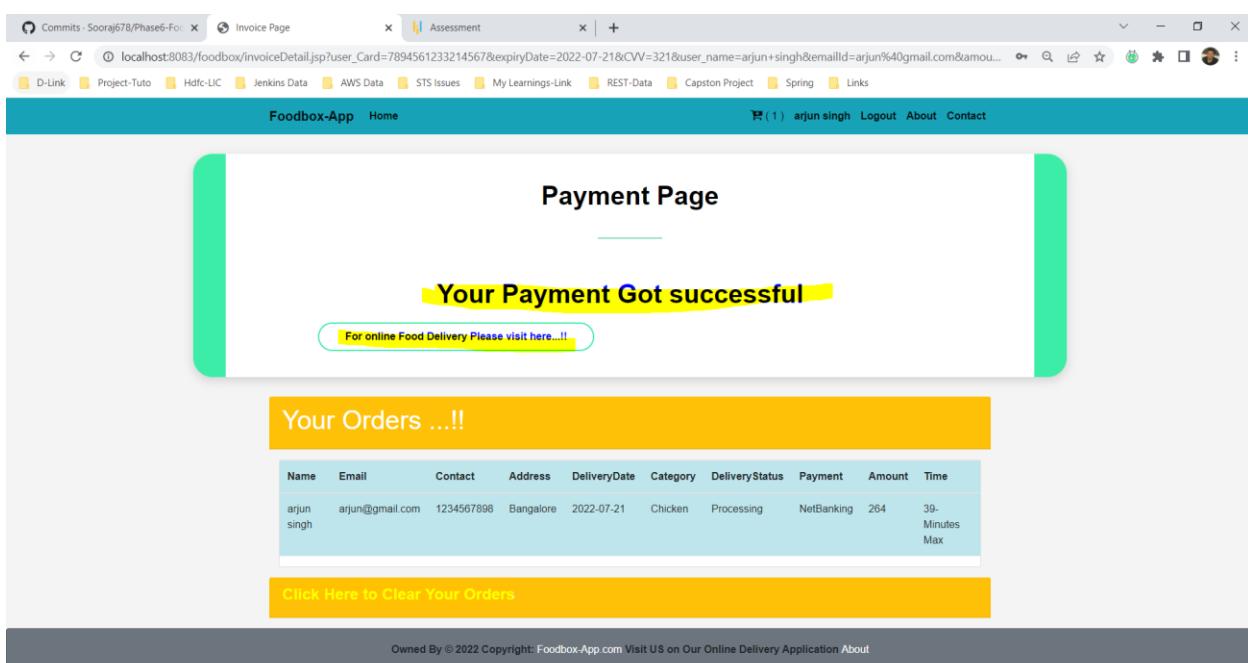
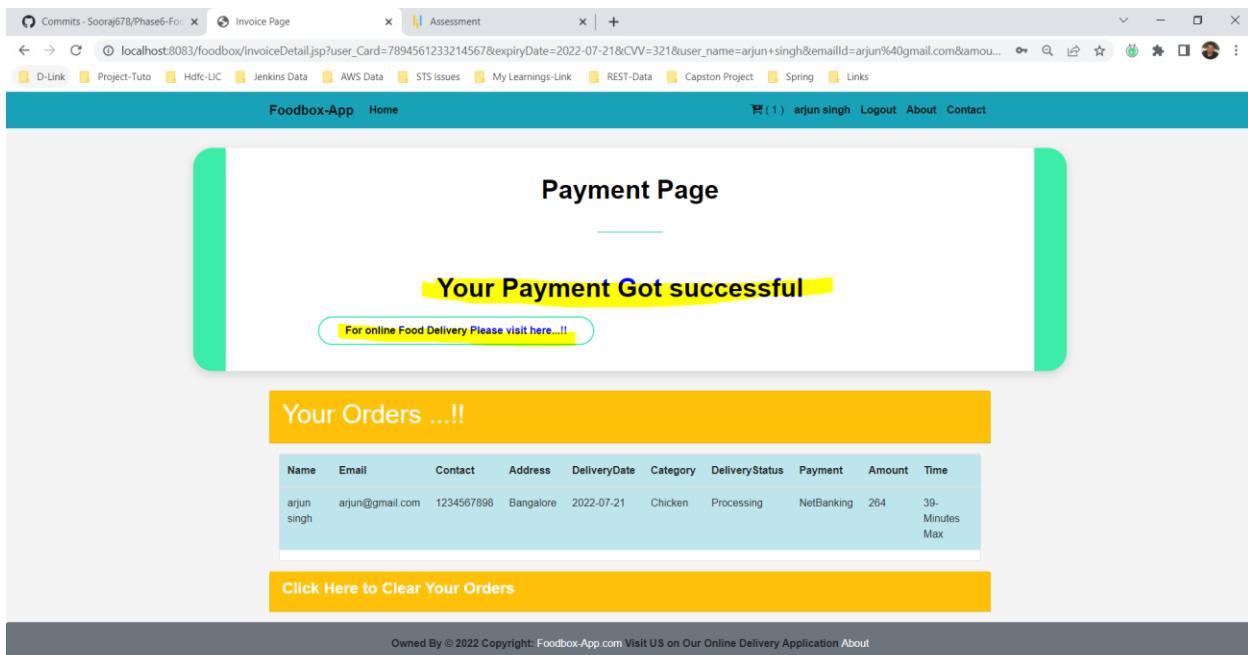
Screenshot of the Foodbox Application Bill Payment page with filled-in form data. The fields are identical to the first screenshot, but the input fields now contain the following values:

- Card Number: 7894561233214567
- Expiry Date of Card: 21-07-2022
- CVV Number: ***
- Card Holder Name: arjun singh
- Email Id: arjun@gmail.com
- Amount to be Paid: 1234

The "Make Payment" button is visible at the bottom.

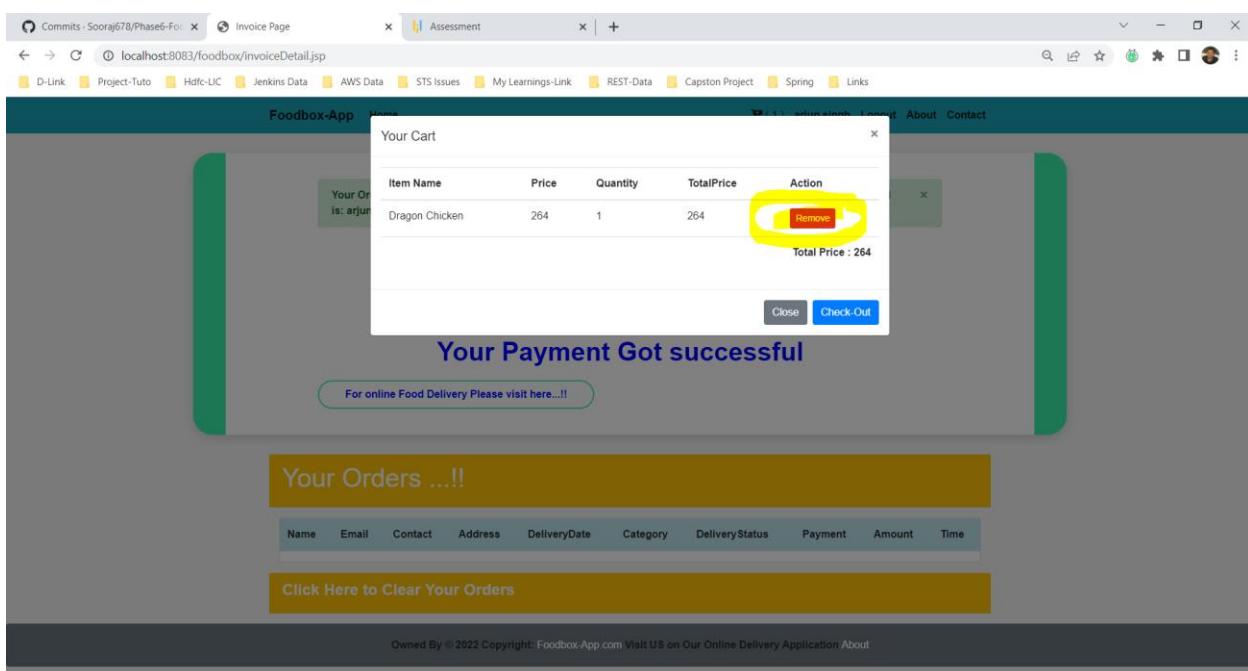
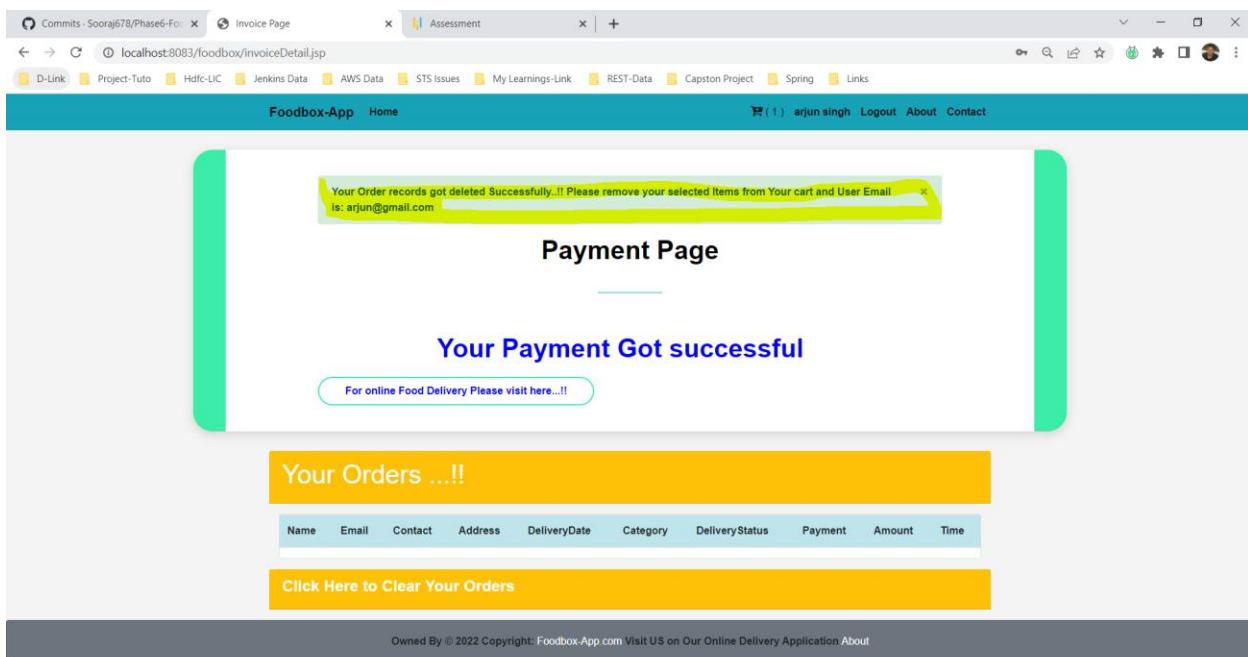
Project Specification Document

Foodbox Application



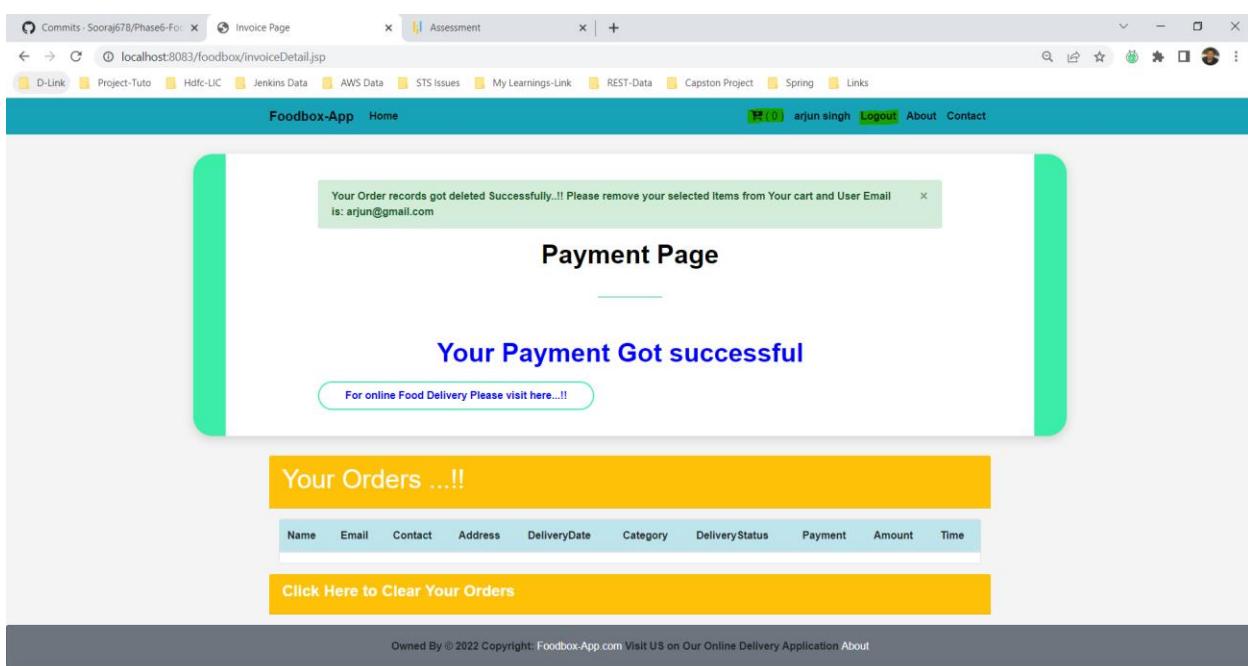
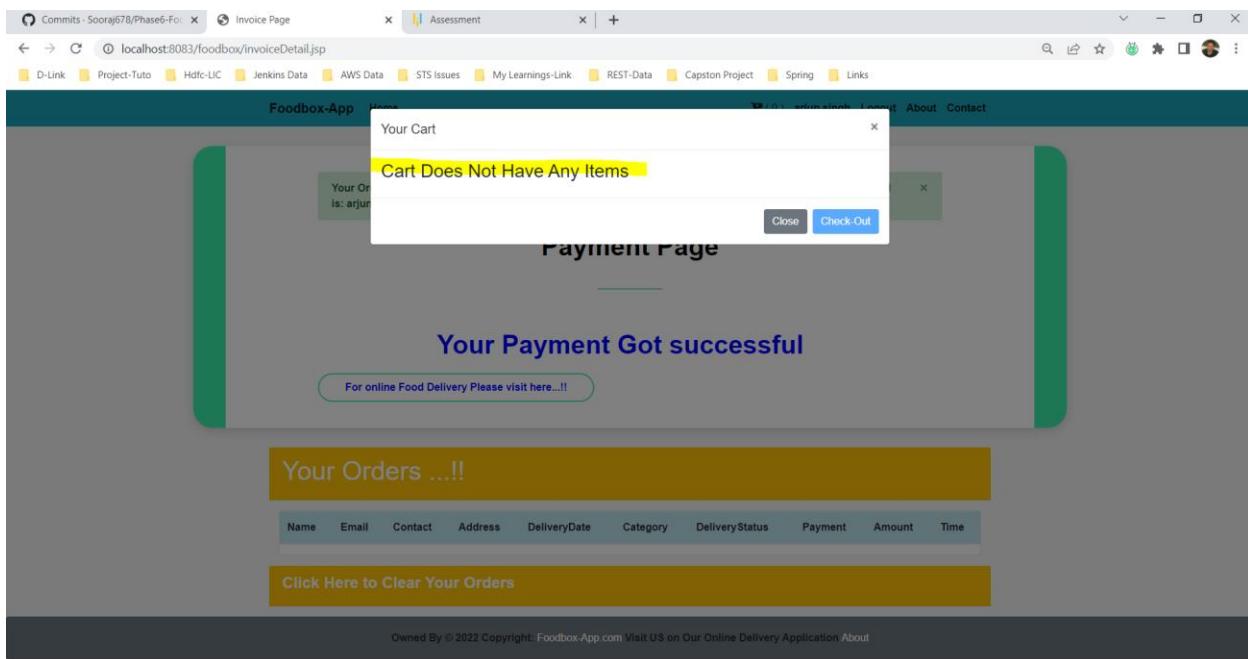
Project Specification Document

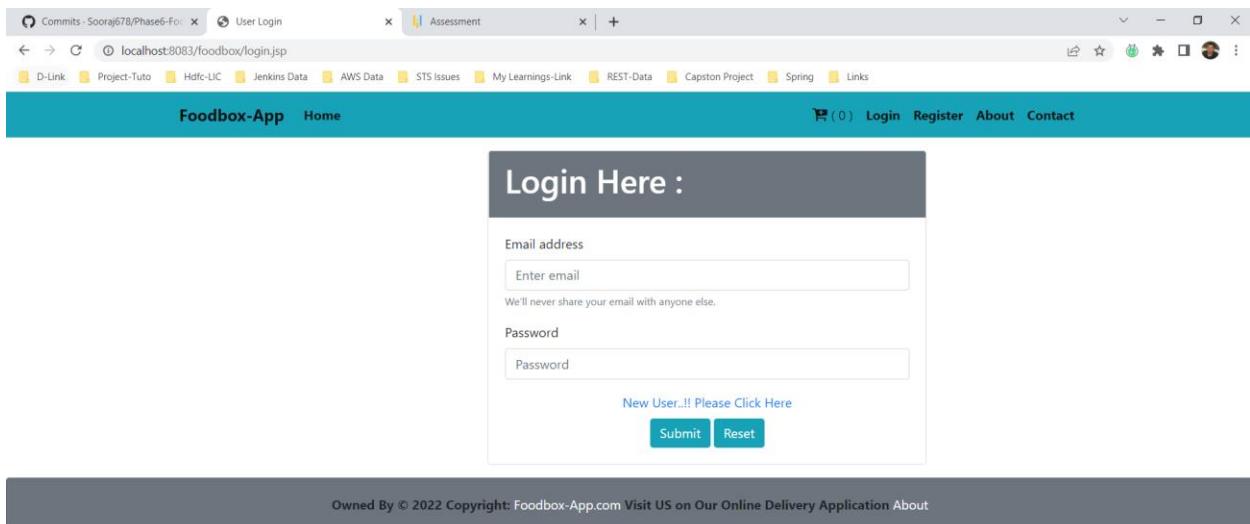
Foodbox Application



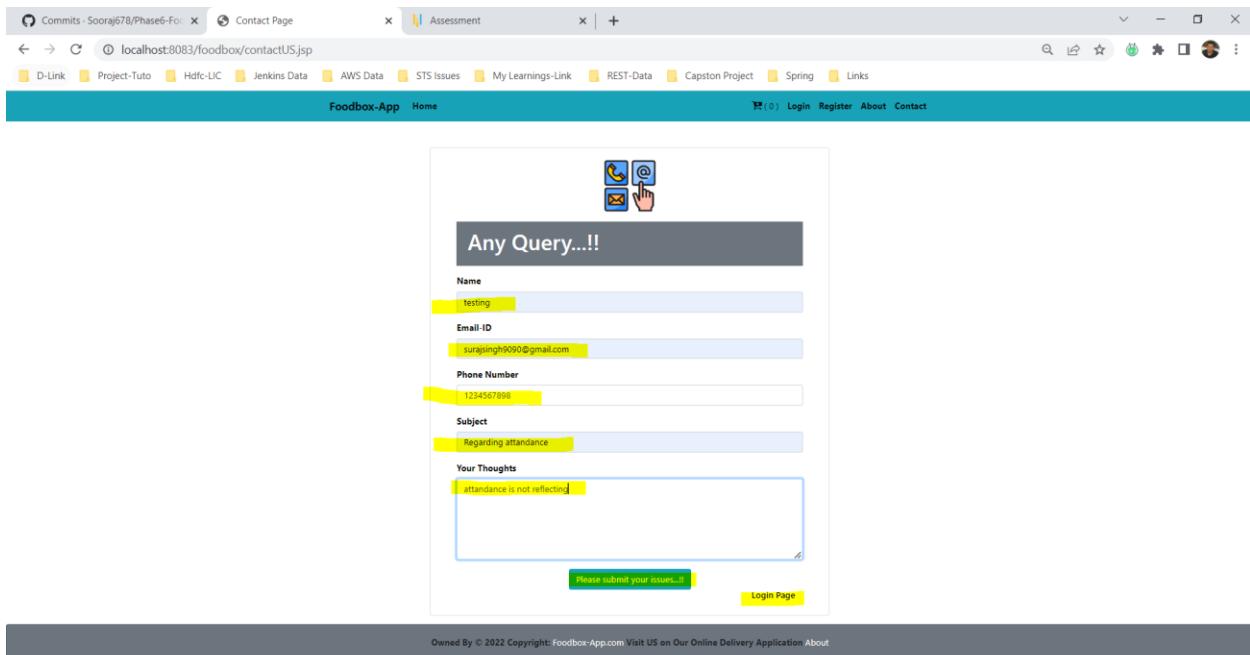
Project Specification Document

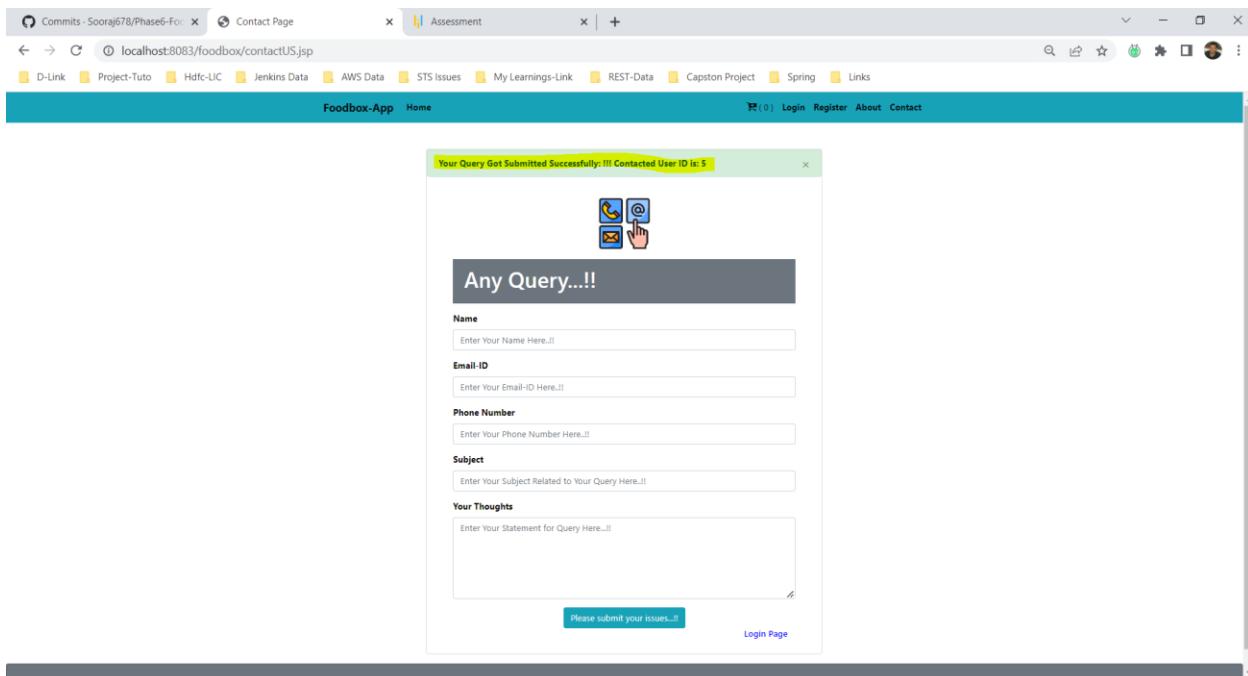
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Contact Page Working:





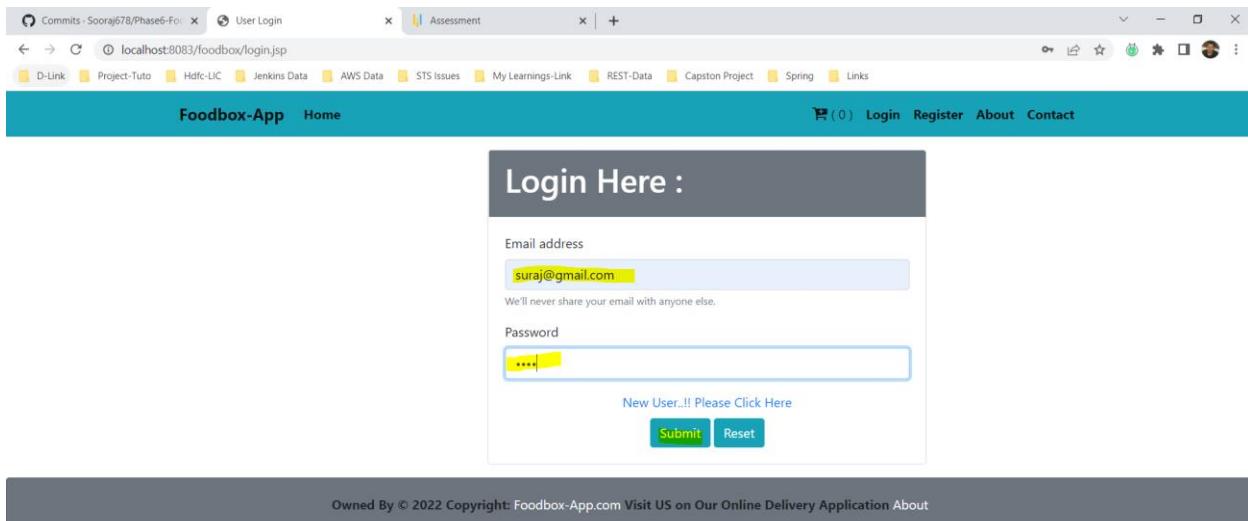
Admin Module:

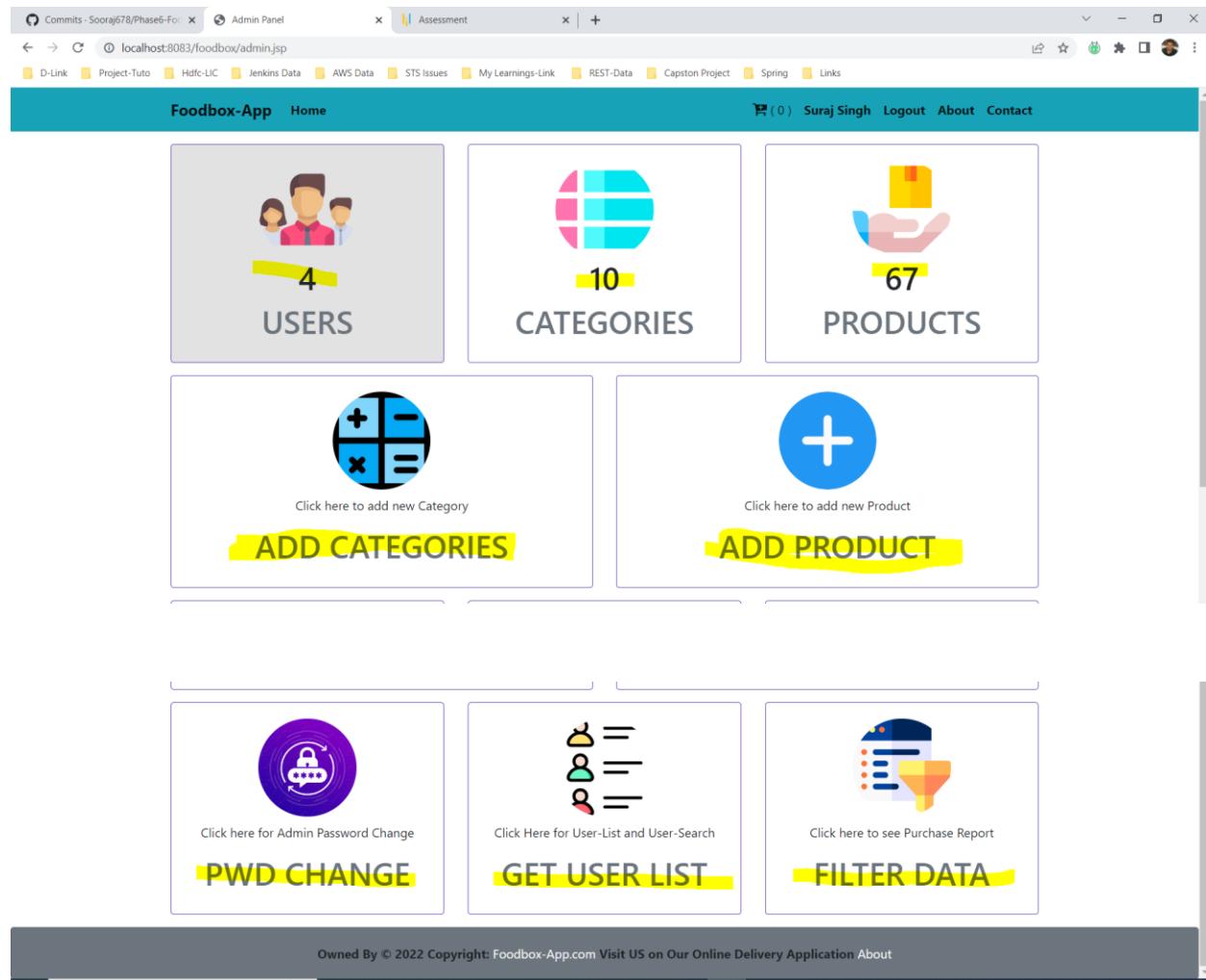
Email-ID for admin: suraj@gmail.com

Password: 1234

User Type: admin

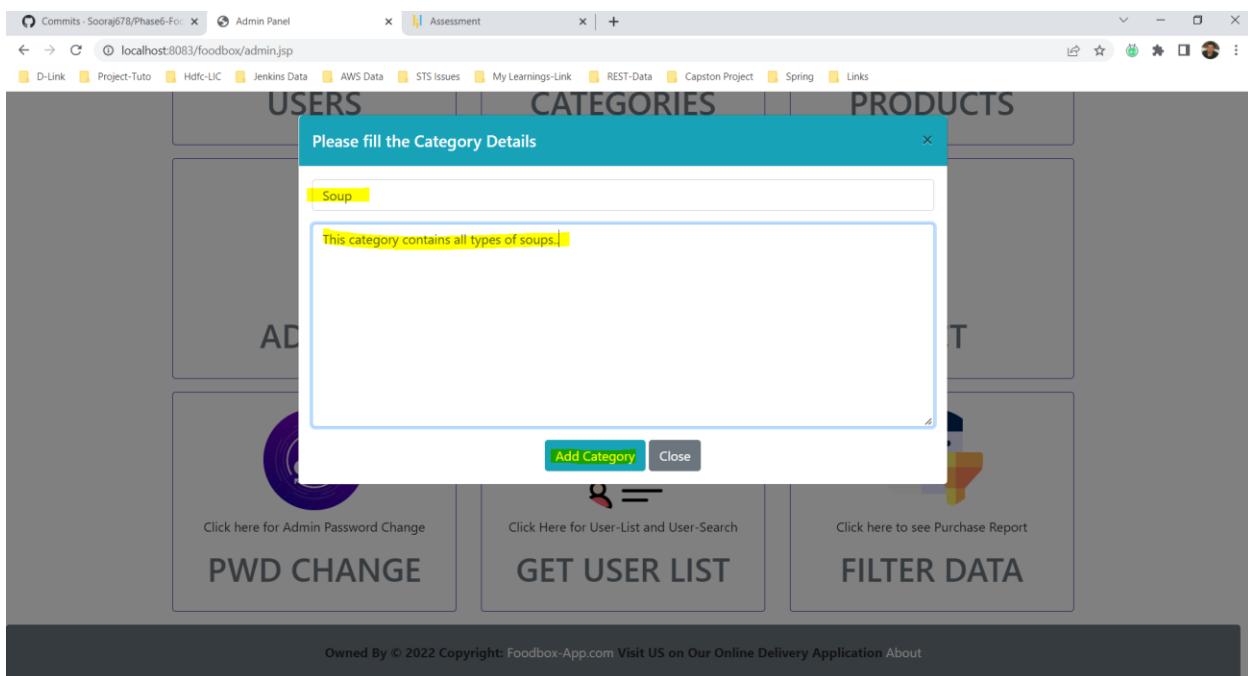
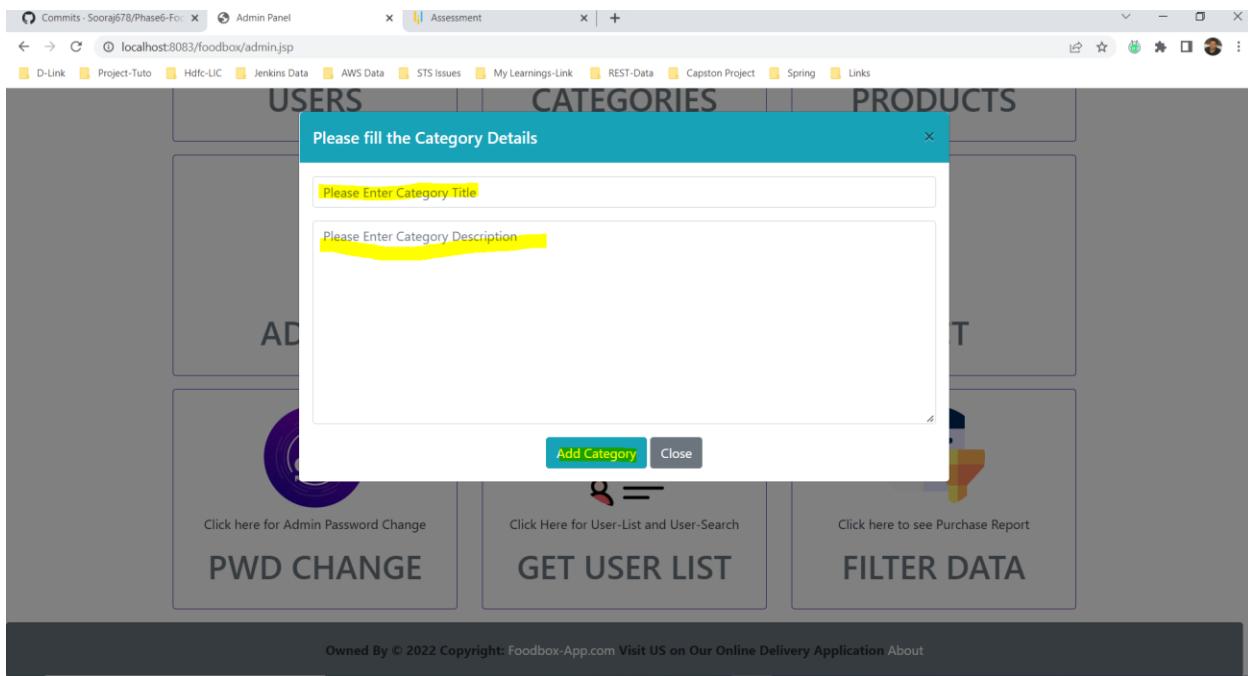
Admin Login Page:



Admin View Page:

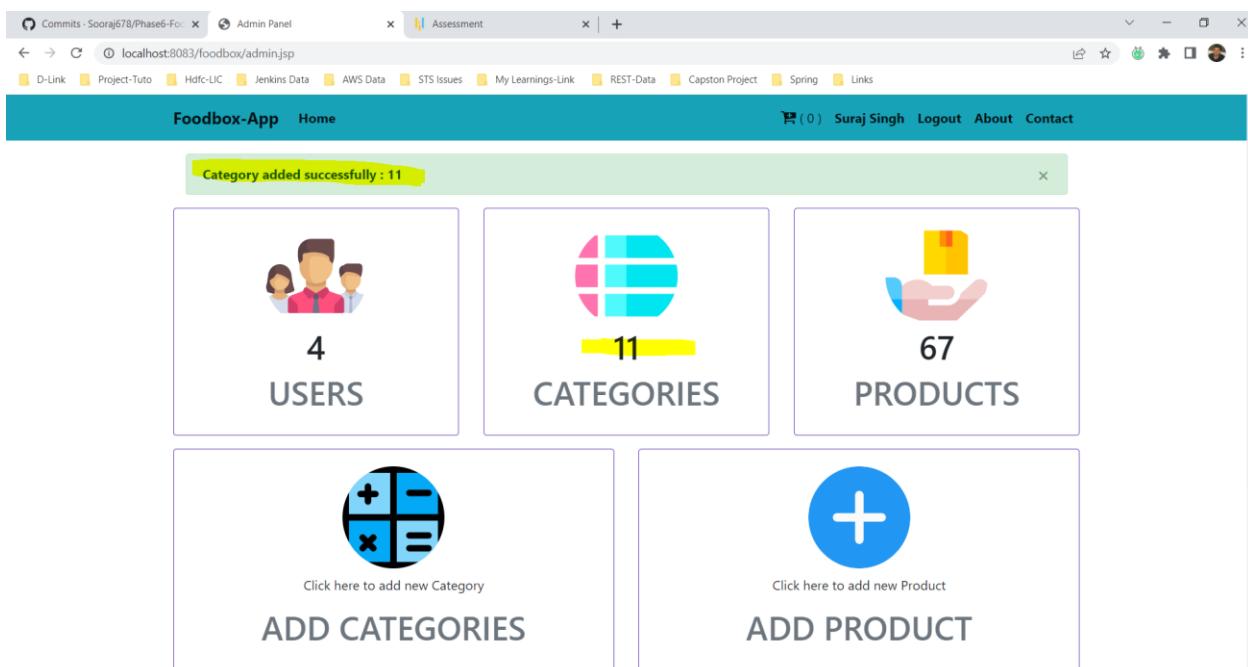
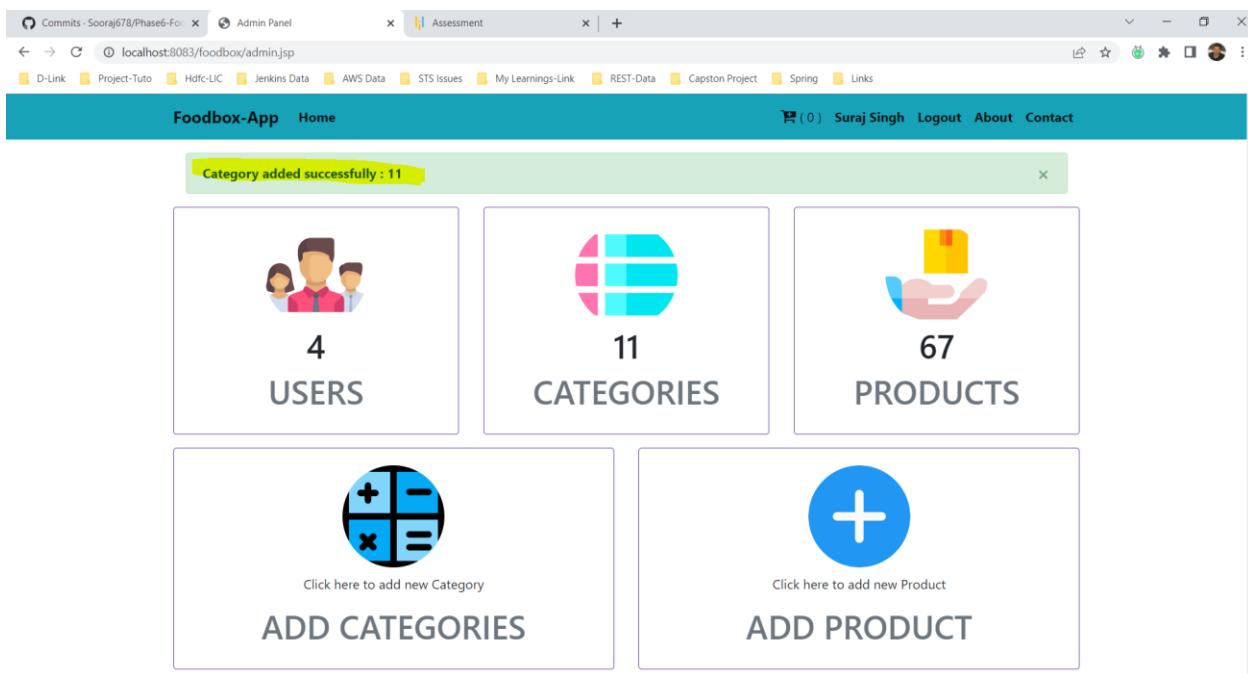
Project Specification Document

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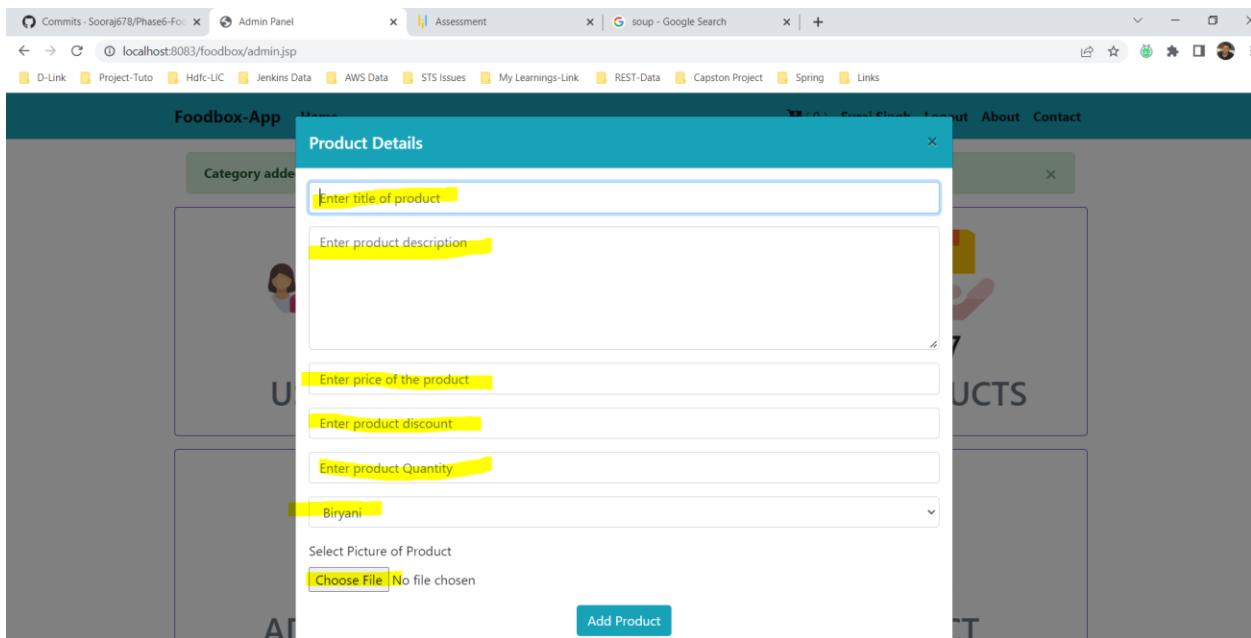
Project Specification Document

Foodbox Application

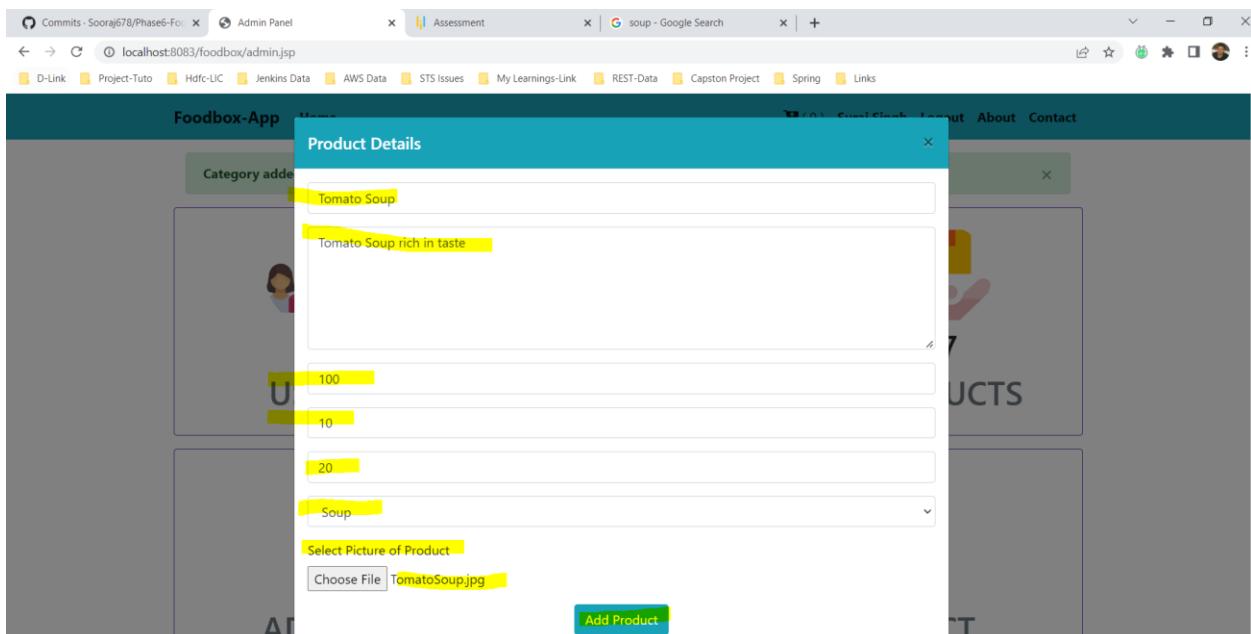


Project Specification Document

Foodbox Application



Screenshot of the Foodbox-App Product Details form. The form is titled "Product Details". It contains several input fields: "Enter title of product" (empty), "Enter product description" (empty), "Enter price of the product" (empty), "Enter product discount" (empty), "Enter product Quantity" (empty), and a dropdown menu set to "Biryani". Below these is a file upload field "Select Picture of Product" with "Choose File" and "No file chosen". At the bottom is a blue "Add Product" button.



Screenshot of the Foodbox-App Product Details form with populated fields. The "Enter title of product" field contains "Tomato Soup". The "Enter product description" field contains "Tomato Soup rich in taste". The "Enter price of the product" field contains "100". The "Enter product discount" field contains "10". The "Enter product Quantity" field contains "20". The dropdown menu is still set to "Biryani". The file upload field shows "Choose File TomatoSoup.jpg". The "Add Product" button is visible at the bottom.

Project Specification Document

Foodbox Application

The screenshot shows the Foodbox Admin Panel interface. At the top, there are four cards displaying system metrics:

- USERS:** 4
- CATEGORIES:** 11
- PRODUCTS:** 68
- ADD CATEGORIES:** (Icon: plus sign)
- ADD PRODUCT:** (Icon: plus sign)

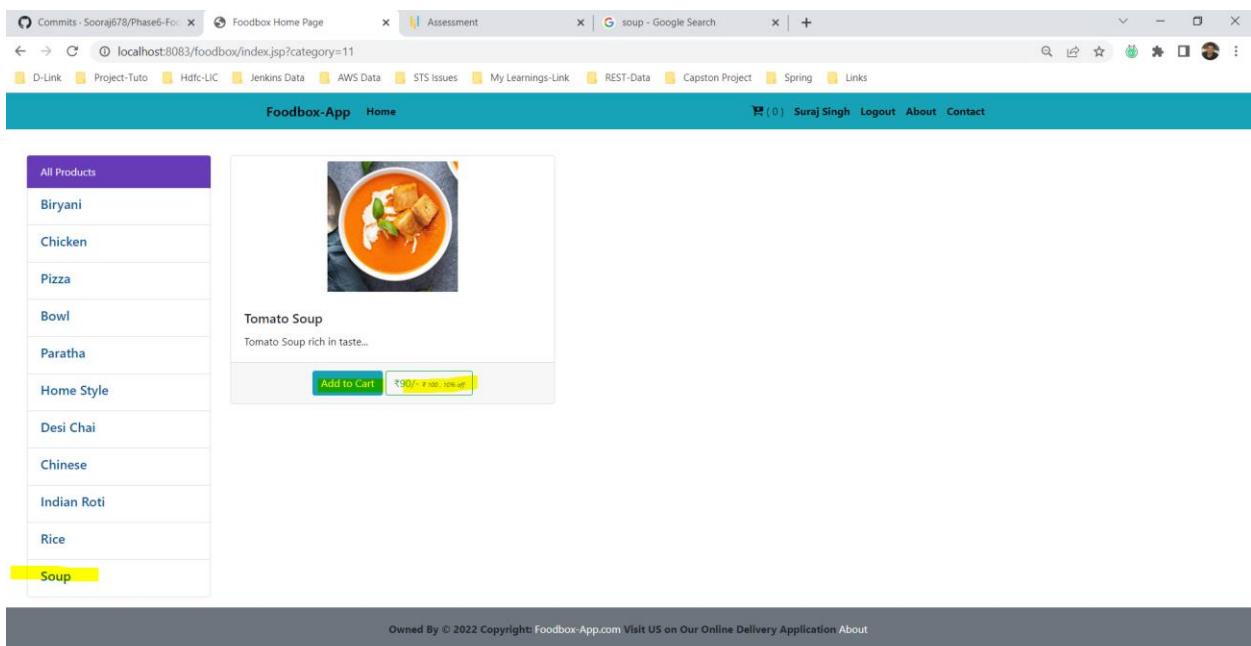
A green banner at the top indicates "Product is added successfully...". The URL in the browser is localhost:8083/foodbox/admin.jsp.

The screenshot shows the Foodbox Home Page. On the left, a sidebar lists categories: Bowl, Paratha, Home Style, Desi Chai, Chinese, Indian Roti, Rice, and **Soup**. The main area displays a grid of food items:

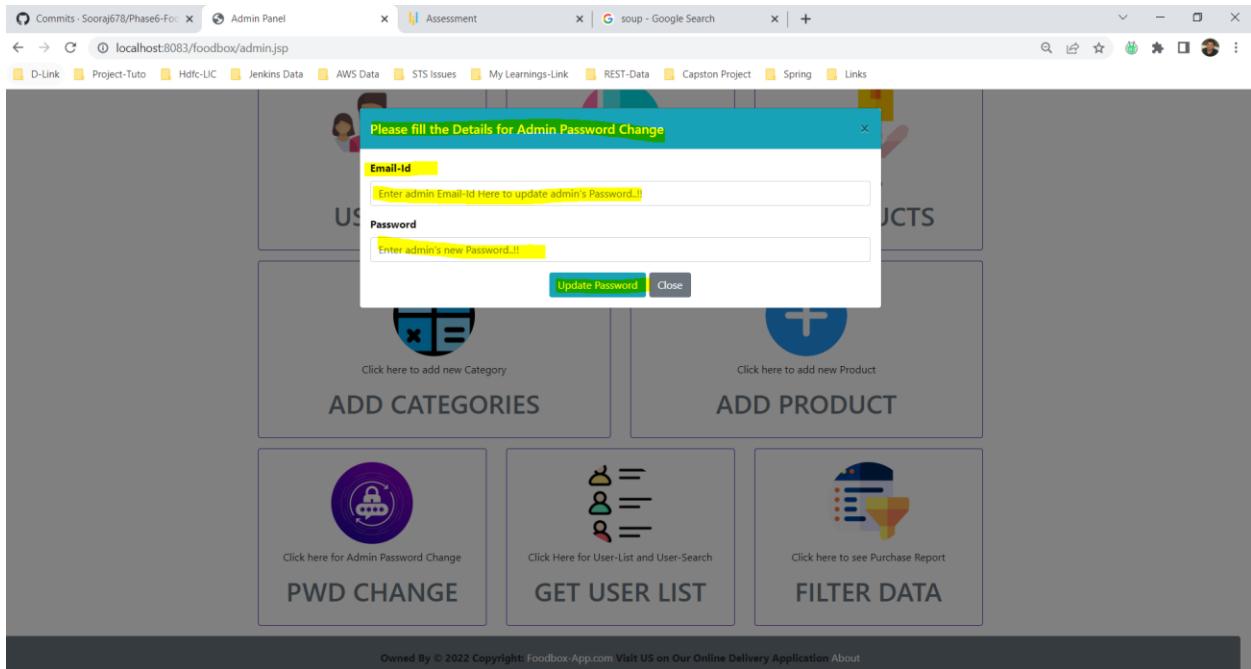
	Item Name	Description	Add to Cart	Price
Bowl	Egg Biryani	Eggs in aromatic Biriyani Rice...	Add to Cart	₹99/- ₹110, 10% off
Paratha	Veg Manchurian with Choice of Rice Bowl	Mix veg fried fritters, onion and capsicum tossed in classic ...	Add to Cart	₹268/- ₹270, 1% off
Home Style	Chilli Garlic Noodles Veg	Noodles with carrot, cabbage, mustard plant & bell peppers tossed ...	Add to Cart	₹162/- ₹180, 10% off
Desi Chai	Chicken Biryani	Succulent Chicken Meat in aromatic Biriyani Rice...	Add to Cart	₹209/- ₹220, 5% off
Chinese	Veg Chilli Garlic Noodles Bowl	Noodles tossed with carrot, capsicum & onion flavored with chilli ...	Add to Cart	₹198/- ₹200, 1% off
Indian Roti	Chilli Paneer	A favourite of the veg lovers; this spicy vegetarian dish ...	Add to Cart	₹200/- ₹250, 20% off
Rice				
Soup				

Project Specification Document

Foodbox Application

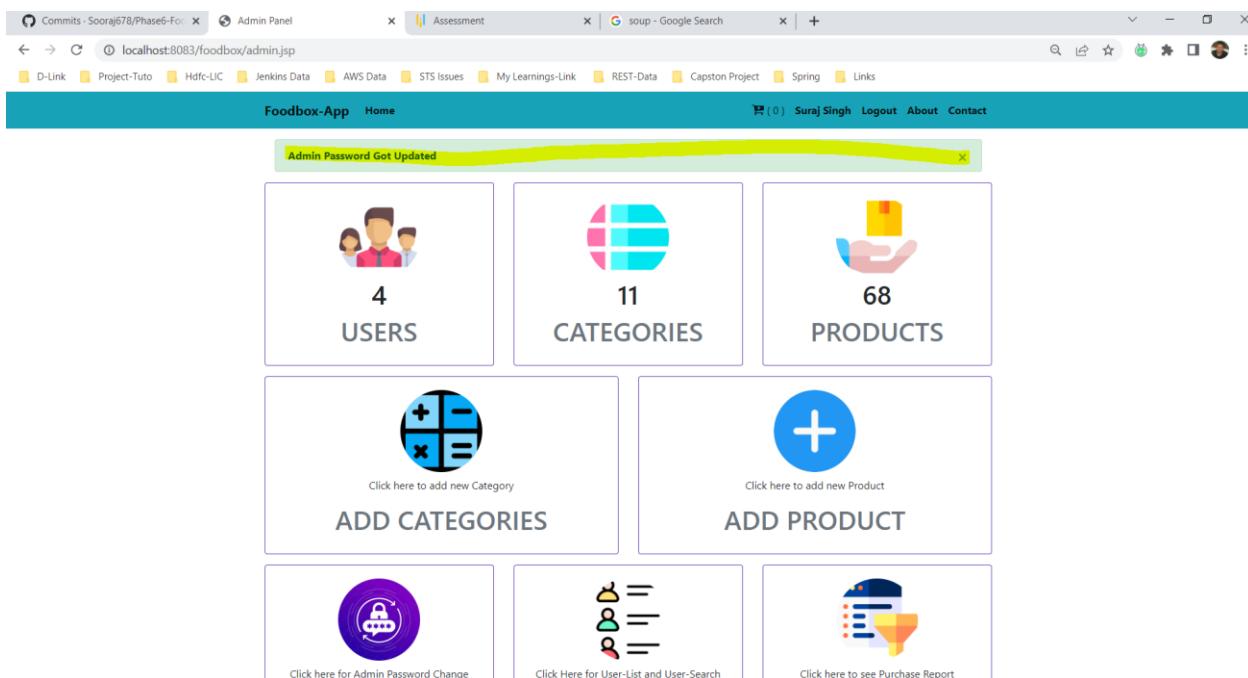
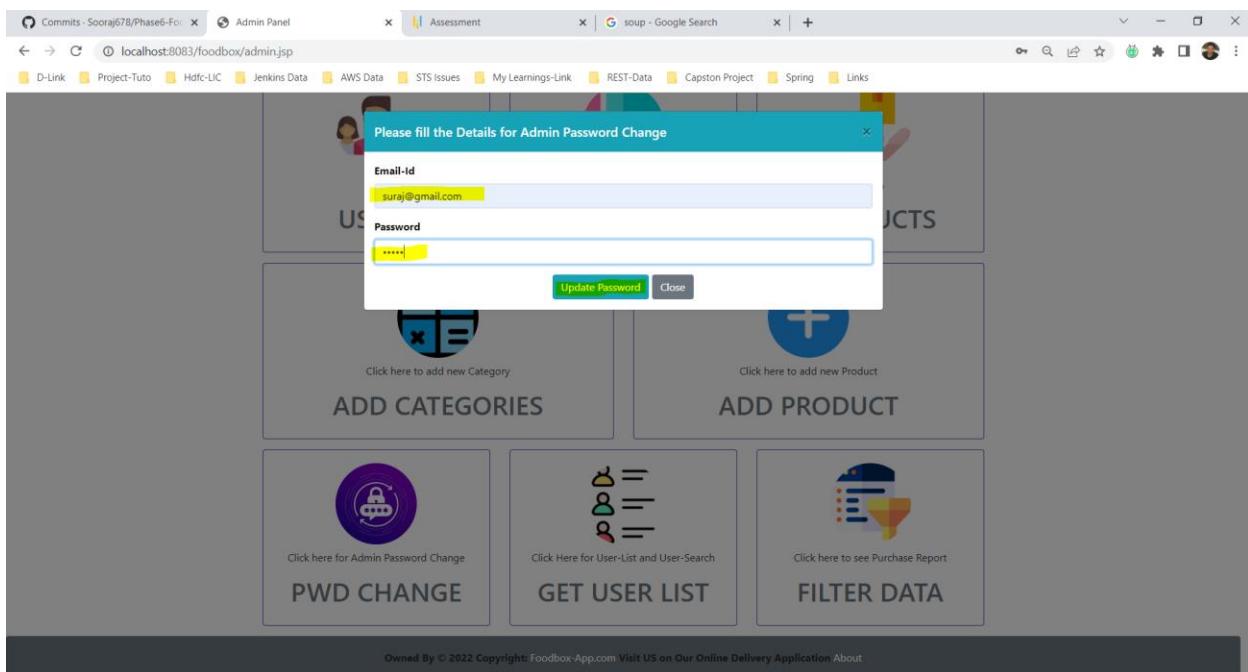


Category and Products are added



Project Specification Document

Foodbox Application



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Foodbox Application

The screenshot shows the 'Getting User List' modal window. The table contains the following data:

ID	Address	Email	Name	Password	Phone	User Type
1	Bangalore	Demo@gmail.com	Demo	123	1234567898	normal
2	Noida	suraj@gmail.com	Suraj Singh	12345	8976542312	admin
3	Delhi	test@gmail.com	test	1234	2134567898	normal
4	Bangalore	arjun@gmail.com	arjun singh	12	1234567898	normal

Below the table are three buttons: 'Close', 'Click here for Admin Password Change', and 'GET USER LIST'. There are also three large buttons labeled 'PWD CHANGE', 'FILTER DATA', and 'GET USER LIST'.

The screenshot shows the 'Getting User List' modal window with a search bar containing 'Demo'. The table contains the following data:

ID	Address	Email	Name	Password	Phone	User Type
1	Bangalore	Demo@gmail.com	Demo	123	1234567898	normal
2	Noida	suraj@gmail.com	Suraj Singh	12345	8976542312	admin
3	Delhi	test@gmail.com	test	1234	2134567898	normal
4	Bangalore	arjun@gmail.com	arjun singh	12	1234567898	normal

Below the table are three buttons: 'Close', 'Click here for Admin Password Change', and 'GET USER LIST'. There are also three large buttons labeled 'PWD CHANGE', 'FILTER DATA', and 'GET USER LIST'.

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Foodbox Application

The screenshot shows a web browser window with multiple tabs open. The active tab is titled 'Assessment' and displays a table of users. The table has columns for Id, Address, Email, Name, Password, Phone, and UserType. One row is highlighted in green, showing Id 1, Address Bangalore, Email Demo@gmail.com, Name Demo, Password 123, Phone 1234567898, and UserType normal. Below the table is a yellow button labeled 'Admin Panel'. At the bottom of the page is a dark footer bar with the text 'Owned By © 2022 Copyright: Foodbox-App.com Visit US on Our Online Delivery Application About'.

Id	Address	Email	Name	Password	Phone	UserType
1	Bangalore	Demo@gmail.com	Demo	123	1234567898	normal

The screenshot shows a web browser window with multiple tabs open. The active tab is titled 'Assessment' and displays several management options. It includes sections for 'USERS', 'CATEGORIES', and 'PRODUCTS'. A central modal window is open, titled 'Purchase Report', with a search bar and a table header row containing columns for User, Email, Phone, Address, Date, Category, Status, Mode, Amount, and Days. Below the table is a 'Close' button. The background features buttons for 'ADD CATEGORIES', 'ADD PRODUCT', 'PWD CHANGE', 'GET USER LIST', and 'FILTER DATA', each with a corresponding icon. At the bottom of the page is a dark footer bar with the text 'Owned By © 2022 Copyright: Foodbox-App.com Visit US on Our Online Delivery Application About'.

For now, no purchase data is available: lets purchase something

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Foodbox Application

The screenshot shows a web browser window with multiple tabs open. The active tab is titled 'Assessment' and displays a 'Purchase Report' dialog box. The dialog box contains a table with three rows of data. The columns are labeled: User, Email, Phone, Address, Date, Category, Status, Mode, Amount, and Days. The data in the table is as follows:

User	Email	Phone	Address	Date	Category	Status	Mode	Amount	Days
Suraj Singh	suraj@gmail.com	8976542312	bangalore	2022-07-21	Rice	Processing	NetBanking	90	39-Minutes Max
Suraj Singh	suraj@gmail.com	8976542312	Bangalore	2022-07-21	Rice	Processing	Credit Card	90	39-Minutes Max
Suraj Singh	suraj@gmail.com	8976542312	Noida	2022-07-21	Rice	Processing	NetBanking	90	39-Minutes Max

Below the dialog box, there are three buttons: 'PWD CHANGE', 'GET USER LIST', and 'FILTER DATA'. The 'FILTER DATA' button is highlighted with a yellow background. At the bottom of the page, there is a footer bar with the text 'Owned By © 2022 Copyright: Foodbox-App.com Visit US on Our Online Delivery Application About'.

This screenshot is identical to the one above, but it shows a search filter being used. The search input field at the top of the dialog box contains the word 'Rice'. The rest of the interface, including the table data and the footer, is the same as the first screenshot.

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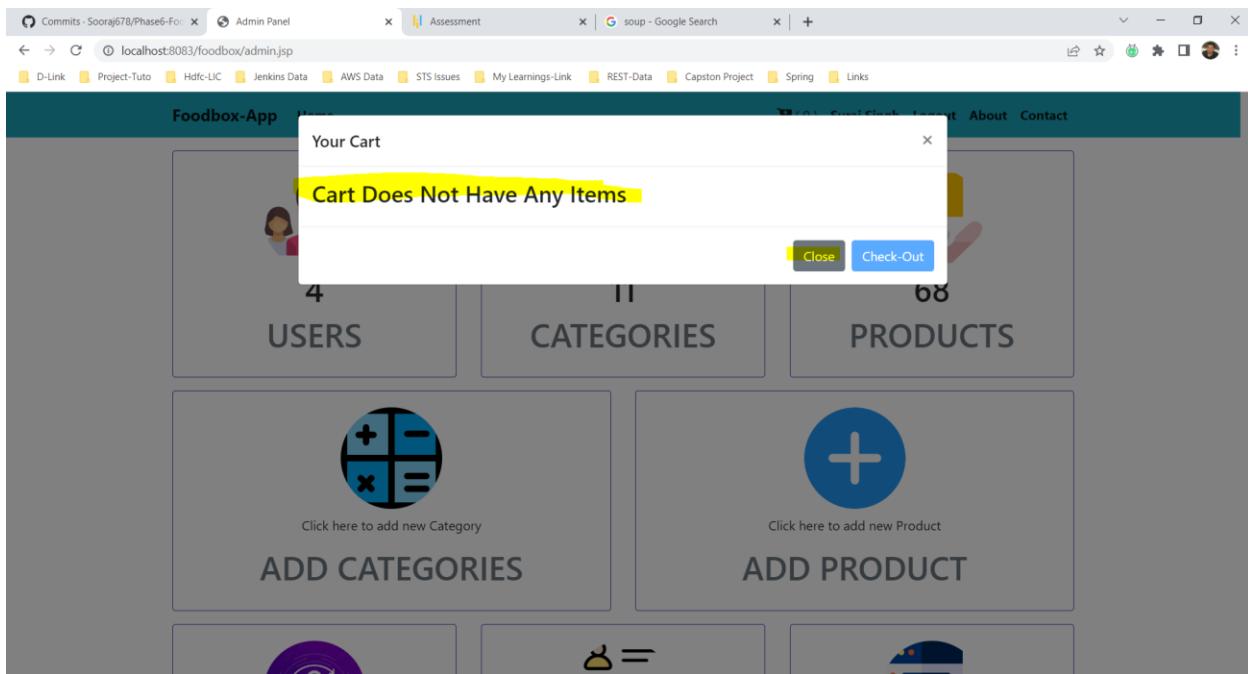
Foodbox Application

The screenshot shows a web browser window with multiple tabs open. The main content area displays a table of purchase reports. The table has columns for PurchaseId, User, Email, Phone, Address, Date, Category, Status, Mode, Amount, and Days. Three rows of data are visible:

PurchaseId	User	Email	Phone	Address	Date	Category	Status	Mode	Amount	Days
1	Suraj Singh	suraj@gmail.com	8976542312	bangalore	2022-07-21	Rice	Processing	NetBanking	90	39-Minutes Max
2	Suraj Singh	suraj@gmail.com	8976542312	Bangalore	2022-07-21	Rice	Processing	Credit Card	90	39-Minutes Max
3	Suraj Singh	suraj@gmail.com	8976542312	Noida	2022-07-21	Rice	Processing	NetBanking	90	39-Minutes Max

Below the table, a yellow button labeled "Admin-Home" is visible. At the bottom of the page, a footer bar contains the text "Owned By © 2022 Copyright: Foodbox-App.com Visit US on Our Online Delivery Application About".

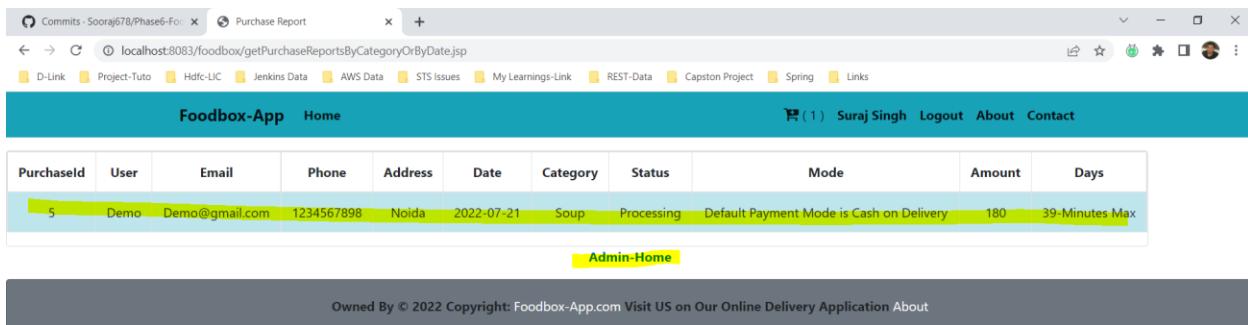
The screenshot shows a web browser window with multiple tabs open. The main content area displays a modal window titled "Your Cart". The modal contains a table with columns for Item Name, Price, Quantity, TotalPrice, and Action. One row is shown for "Tomato Soup" with a price of 90, quantity of 1, and total price of 90. A red "Remove" button is next to the row. Below the table, the text "Total Price : 90" is displayed. At the bottom of the modal, there are "Close" and "Check-Out" buttons. In the background, the main admin panel interface is visible, featuring sections for "ADD CATEGORIES" and "ADD PRODUCT".



Another Result for Filter

Screenshot of the Foodbox-App Admin Panel showing a 'Purchase Report' table. The table lists purchases for the category 'Soup'. The table has 11 columns: User, Email, Phone, Address, Date, Category, Status, Mode, Amount, and Days.

User	Email	Phone	Address	Date	Category	Status	Mode	Amount	Days
Suraj Singh	suraj@gmail.com	8976542312	bangalore	2022-07-21	Rice	Processing	NetBanking	90	39-Minutes Max
Suraj Singh	suraj@gmail.com	8976542312	Bangalore	2022-07-21	Rice	Processing	Credit Card	90	39-Minutes Max
Suraj Singh	suraj@gmail.com	8976542312	Noida	2022-07-21	Rice	Processing	NetBanking	90	39-Minutes Max
Suraj Singh	suraj@gmail.com	8976542312	Bangalore	2022-07-21	Rice	Processing	NetBanking	90	39-Minutes Max
Demo	Demo@gmail.com	1234567898	Noida	2022-07-21	Soup	Processing	Default Payment Mode is Cash on Delivery	180	39-Minutes Max



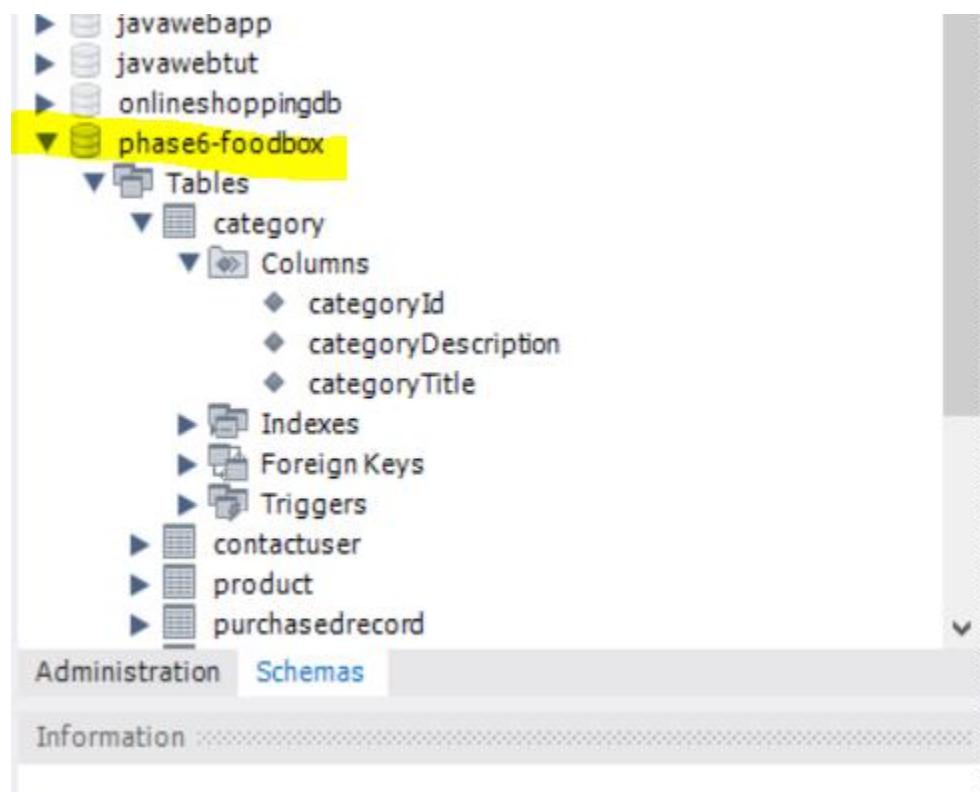
Database: -

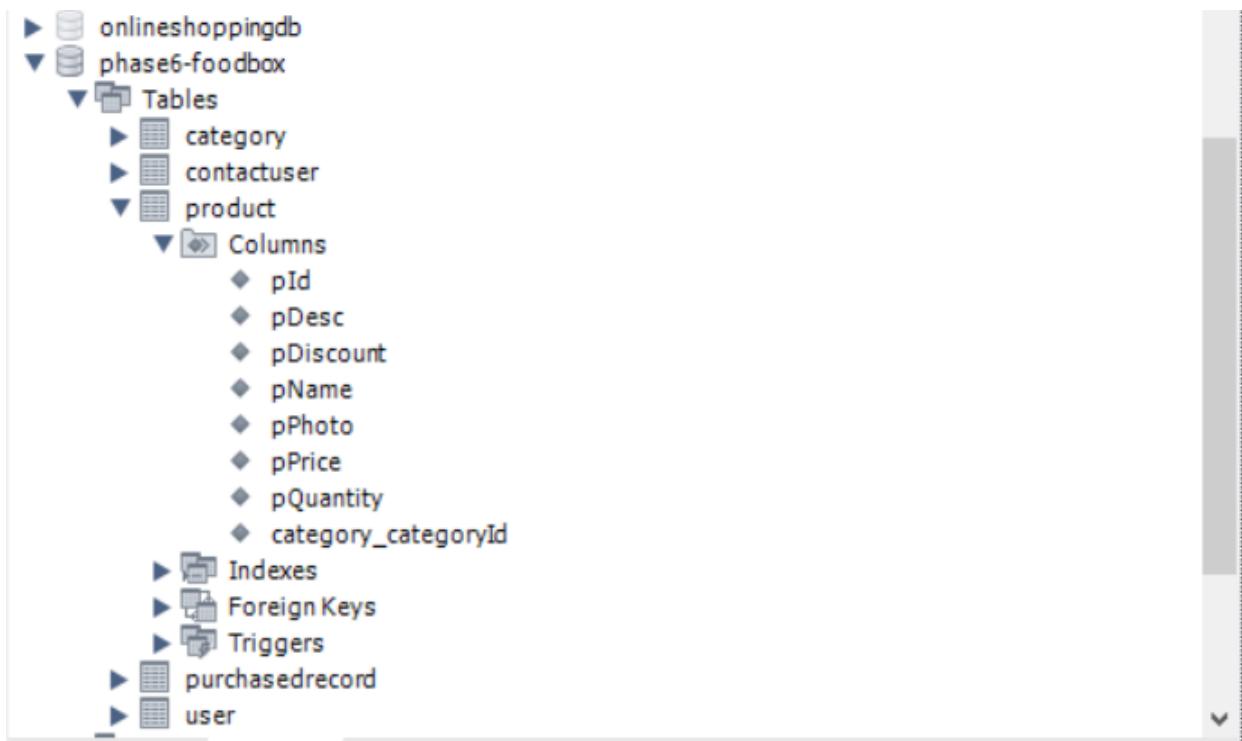
In order to store the data of the category , contactuser, product, user and purchasedrecord there is a master database called phase6-foodbox.

There are 5 tables created to store the data.

- 1) Category: - all the added categories details go here.
- 2) Product: - contains all the detail data about products along with CategoryId for which current belongs
- 3) User: - contains all the data of users who has registered with us to Shop
- 4) PurchasedRecord: - contains all the records of purchased items by registered Users.
- 5) ContactUser: - contains query information coming from users

The Backend (DATABASE)

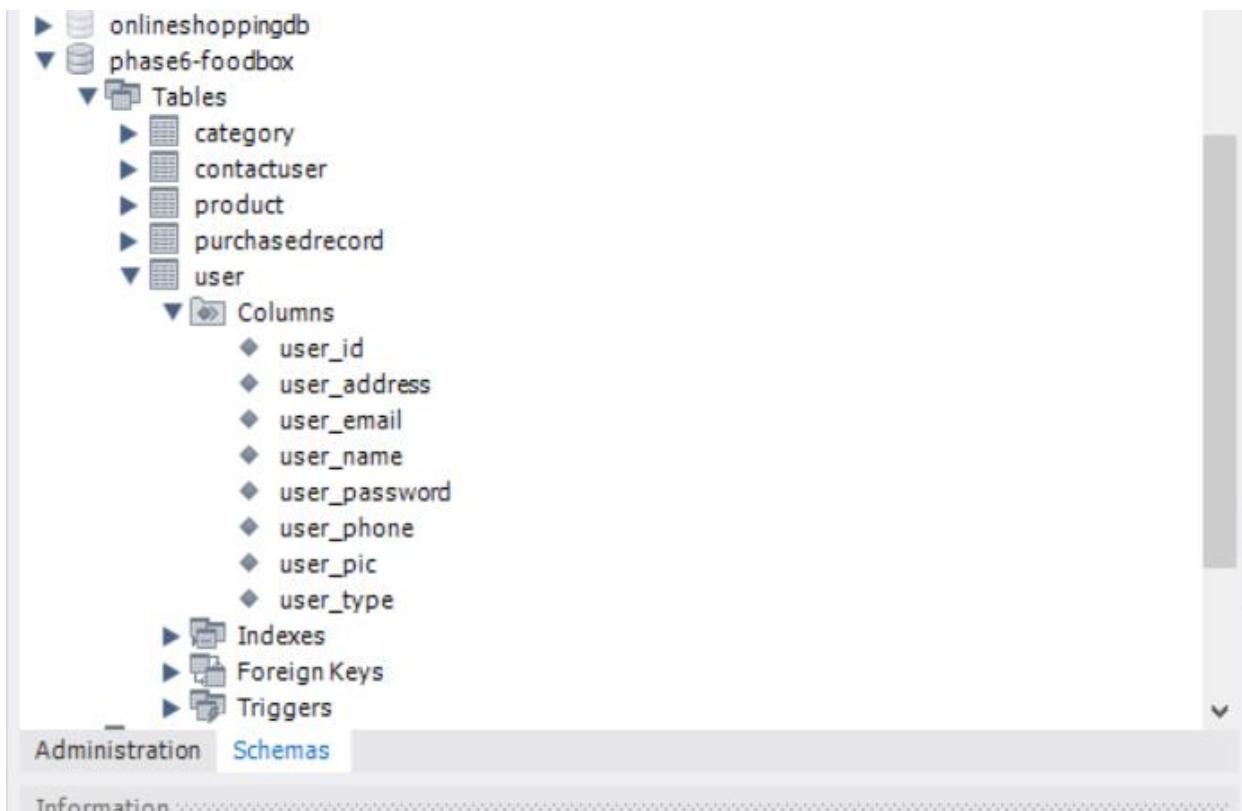
Table 1: -Category**Primary Key: - CategoryId****Not Null: - not any column.****Table 2: -Product**



Primary Key: - pId

Not Null: - category_categoryId.

Table 3: -User



Primary Key: -User-Id

Not Null: - not any column.

Table 4: -PurchasedRecord

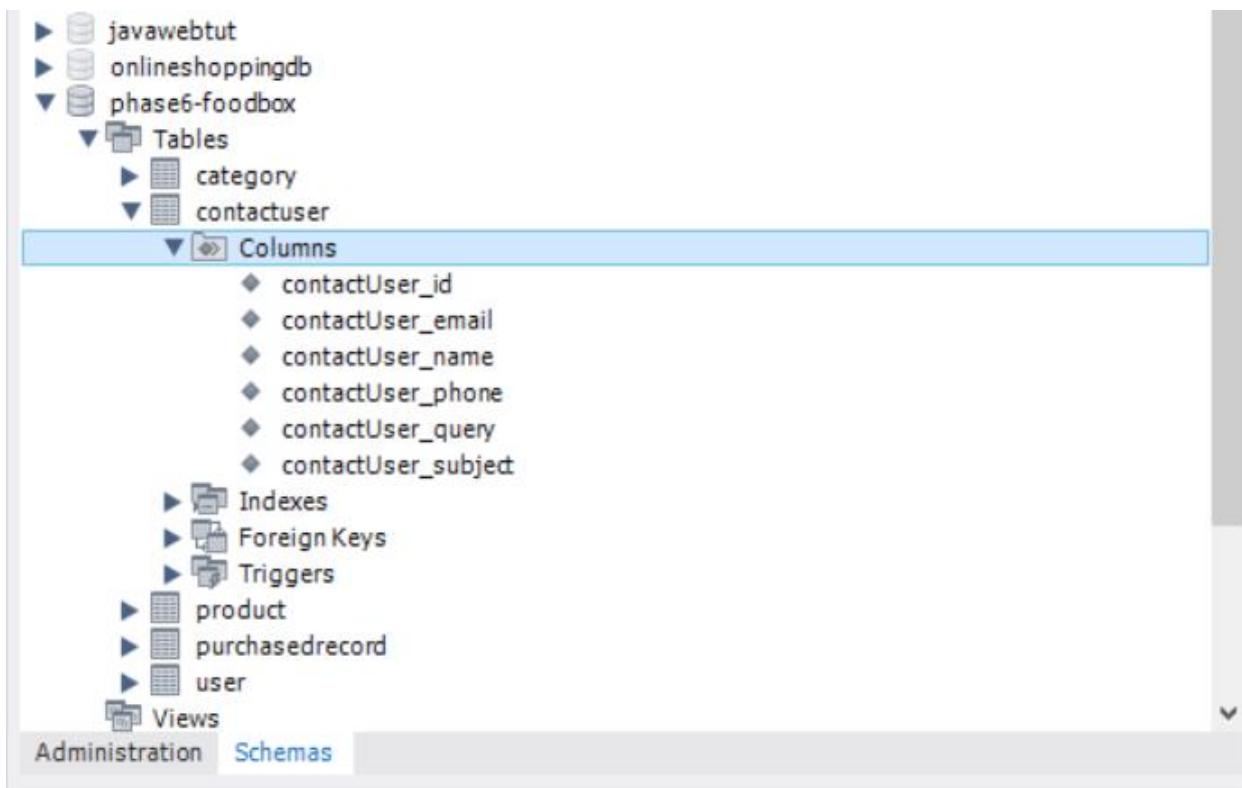
The screenshot shows the MySQL Workbench interface with the following details:

- Databases:** javawebtut, onlineshoppingdb, phase6-foodbox
- Tables in phase6-foodbox:** category, contactuser, product, purchasedrecord
- Columns for purchasedrecord:**
 - id_Purchase
 - purchase_User
 - purchase_UserEmail
 - purchase_UserContact
 - purchase_UserShippingAddress
 - purchase_Date
 - purchase_Category
 - purchase_DeliveryStatus
 - purchase_PaymentMode
 - purchase_TotalAmount
 - purchase_ExpectedMinutesForDelivery
- Indexes, Foreign Keys, Triggers:** These are also listed under the purchasedrecord table.
- Other objects:** user, Views, Stored Procedures.
- Navigation:** Administration tab is selected.

Primary Key: - id_Purchase

Not Null: - not any column.

Table 5: -Contact User



Primary Key: - contactUser_id

Not Null: - All remaining ones.

6. GitHub link

This section lists where the source code is located and from where the user can download and use it.

<https://github.com/Sooraj678/Phase6-FoodBoxApp>