

FOODBOX

PROJECT



{ Sprint Planning and Project Specification }

Developer Details

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FOODBOX

This document contains sections as follow:

1. Introduction
2. Project GitHub
3. Modules in the Project
4. Technology used in the project
5. Sprint Planning and Task Completion
6. Product's capabilities, appearance, and user interactions.
7. Project Screenshots (Front-end)
8. Hosting website on AWS S3 instance
9. Conclusions

1. INTRODUCTION –

FoodBox aka Delicioso!! is an online food delivery web application for ordering food items of different cuisines from a restaurant.

FoodBox is a restaurant chain that delivers food items of different cuisines at affordable prices.

2. PROJECT GITHUB LINK –

Link	https://github.com/TahoorKhan786/Foodbox_Simplilearn.git
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3. Modules in the Project

- Registration Page.
- Login Page.
- User Login.
- Admin Login.
- Dashboard.
- Search Products.
- Add Cart/View Cart.
- View Previous Active Orders.
- Payment Gateway Page.
- Order Summary Confirmation Page.

4. Technology Used:

a. Front End:

HTML.

CSS3 and Bootstrap4.

TypeScript.

Angular, Angular Material for View.

b. VS Code: As an IDE to design frontend of the application.

c. Git: To connect and push files from the local system to GitHub.

d. GitHub: To store the application code and track its versions

e. Scrum: An efficient agile framework to deliver the product incrementally.

f. Back End:

- Eclipse IDE.
- Java Programming.
- Searching and Sorting
- Spring Boot DevTools.
- Spring Web and Spring Data JPA.

g. Testing and DevOps: Selenium. Jenkins. Docker and TestNG.

5. Sprints Planning and Accomplishments

The project is planned to complete in three sprints, The Task will be accomplished within sprint as below:

SPRINT-1

1. Creation of flow of project
2. User can login/sign-in to the application.
 - As a user, I should be able to register myself.
 - As a user, I should be able to log in to the website.
 - As a user, I can add products to the cart only if I'm logged in.
3. User can Filter/search products
 - As a user, I should be able to search the products.
 - As a user, I should be able to filter the products from the menu.
 - As a user, I should be able to add products to my cart.
4. User can view cart, edit the products in the cart and can proceed to Payment Gateway.
 - As a user, I should be able to view the products.
 - As a user, I should be able to edit the cart.
 - As a user, I should be able to see the total bill of the products in the cart.
 - As a user, I should be able to do various operations in the cart.
 - As a user, I should be able to check out and make the payment.
 - As a user, I should be able to view the Order Summary and print order confirmation.

5. Admin Operations –

- As an admin, I should be able to login to the website.
- As an admin, I should be able to manage the products.
- As an admin, I should be able to manage the purchases.
- As an admin, I should be able to manage users registered on the website.

6. Testing and Bug Fixing

- Testing of Project for further deployment.

Explanation of the product capabilities, appearance, and user interactions

To Explain the product capabilities, there are sub- sections configured to highlight appearance and user interactions for the project.

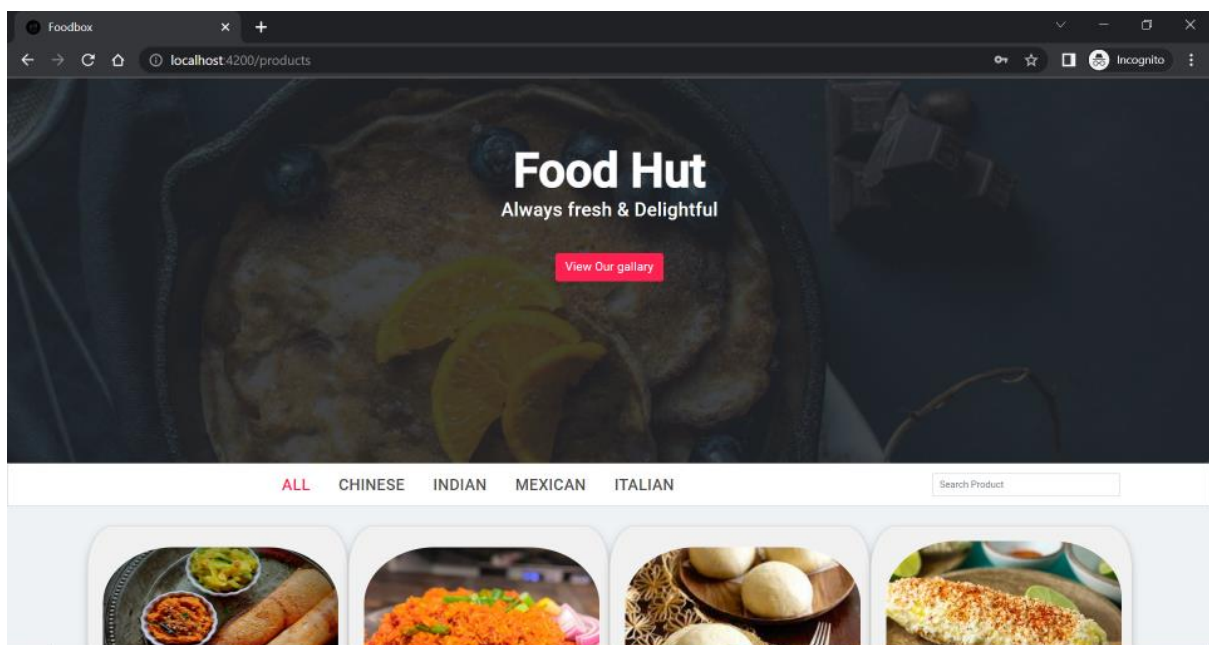
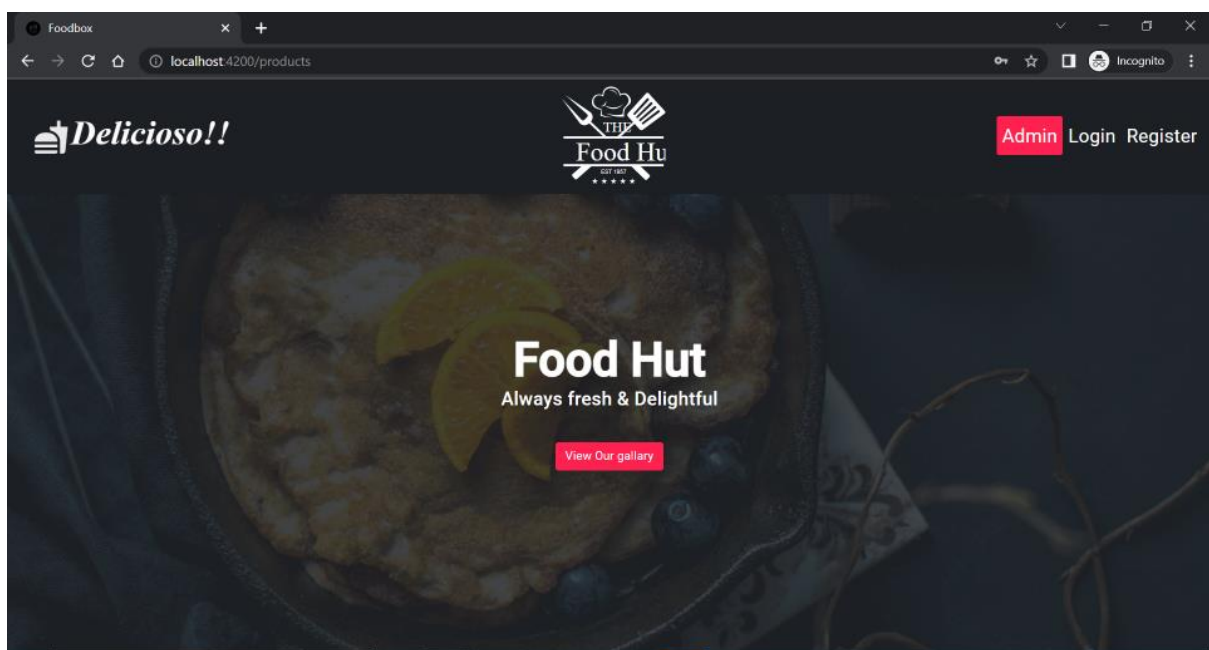
1. Importing a Spring Boot project in Eclipse IDE with the required dependencies.
2. Writing Java Program to create model/entity classes –
Admin.java
Cart.java
Customer.java
Product.java
Purchase.java
3. Writing a Java Program, to create all the repositories.
4. Writing a Java Program, to create the controllers for all repositories.
5. Writing a Java Program, to write config class and exception class.
6. Creating application.properties file to write all the database related code.
7. After Successful completion of Backend part of the application, we will move to the frontend part which will be created using Angular-15/HTML5/CSS3
8. Create a folder where you want to create the application and open cmd on the same location and type `ng new <project-name>`
9. Project will be created, now open the project folder in VS code and run `ng serve` command to run the project on localhost.
10. Create all the required modules and components in the project/src/app folder.

11. Once both the front-end and back-end start working perfectly. The project is pushed to GitHub Repository.

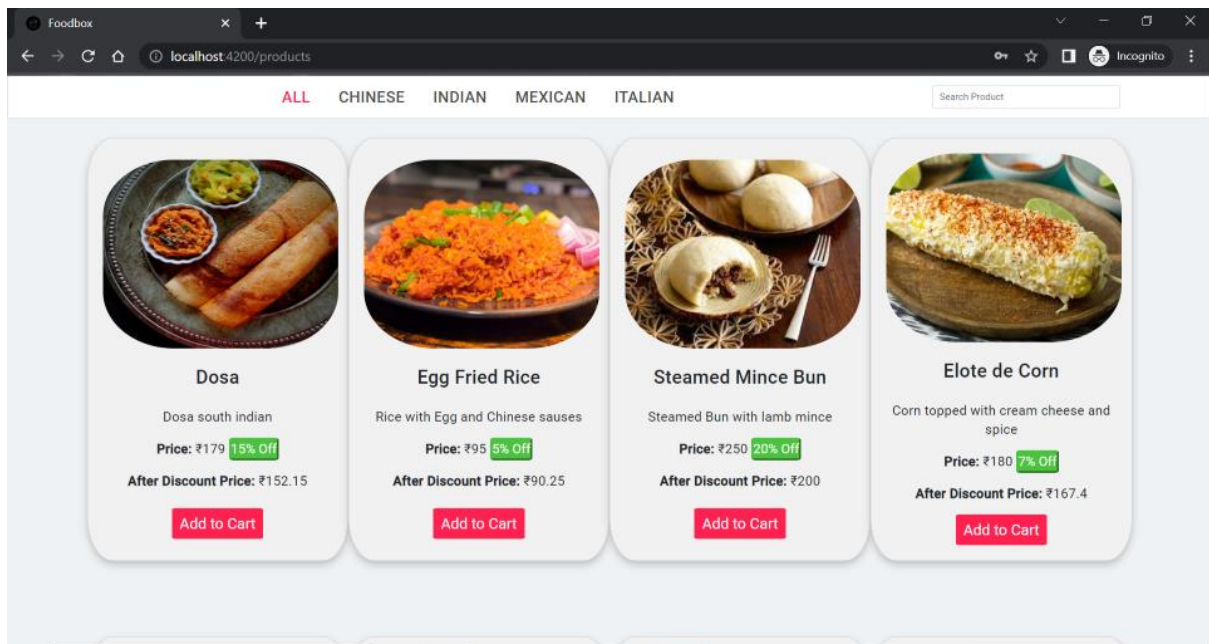
Project Screenshots

FRONT-END

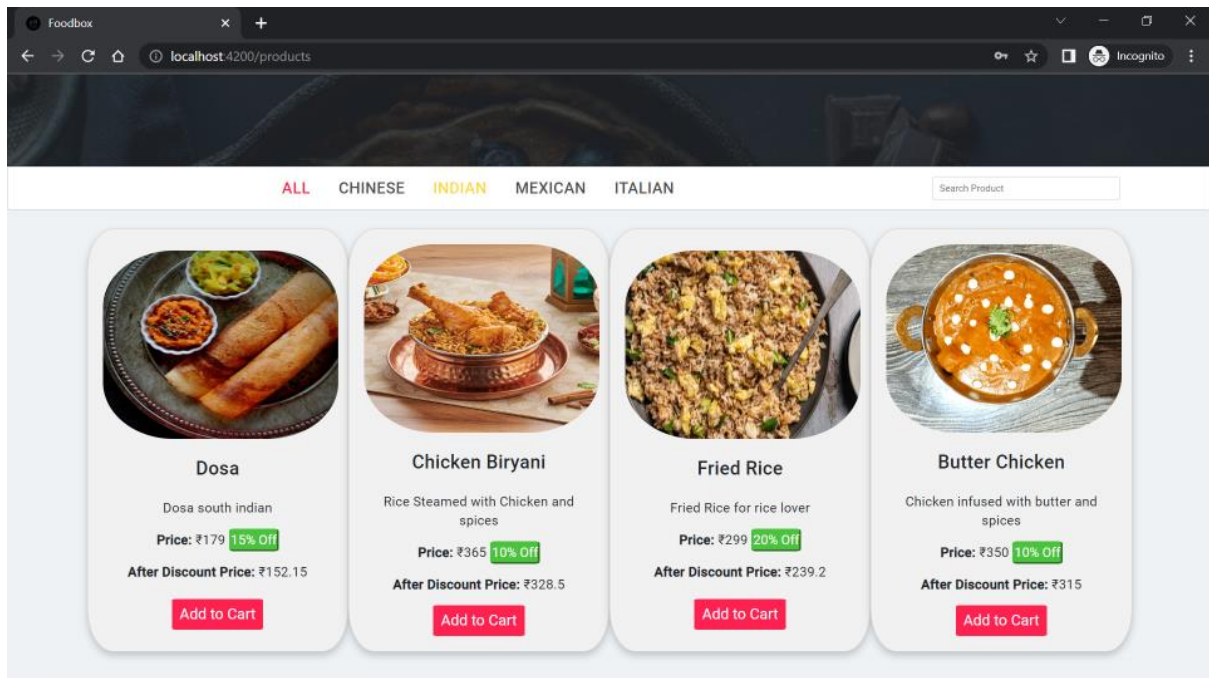
1. HOME



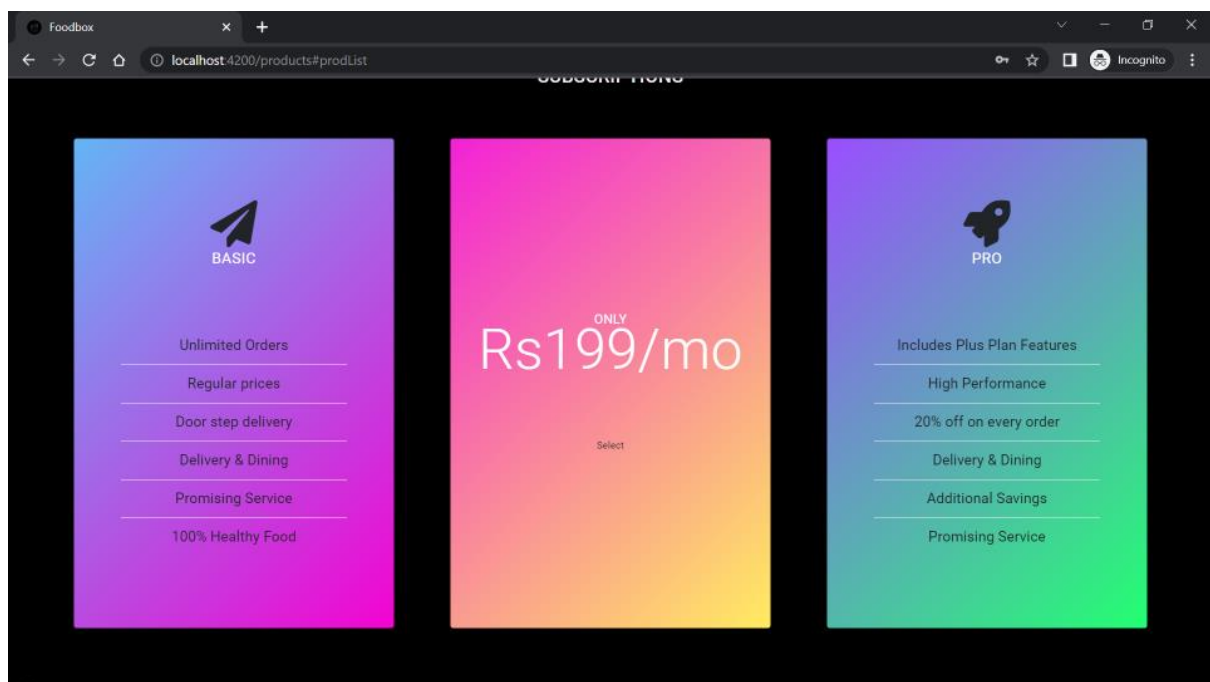
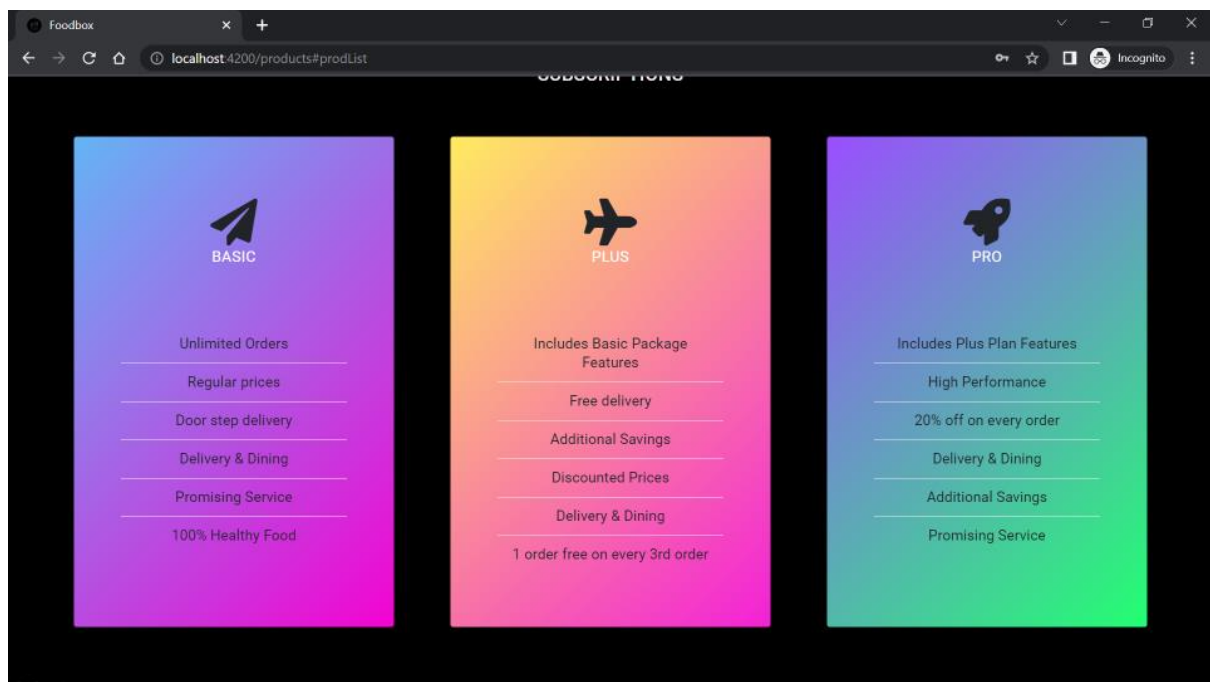
2. Products



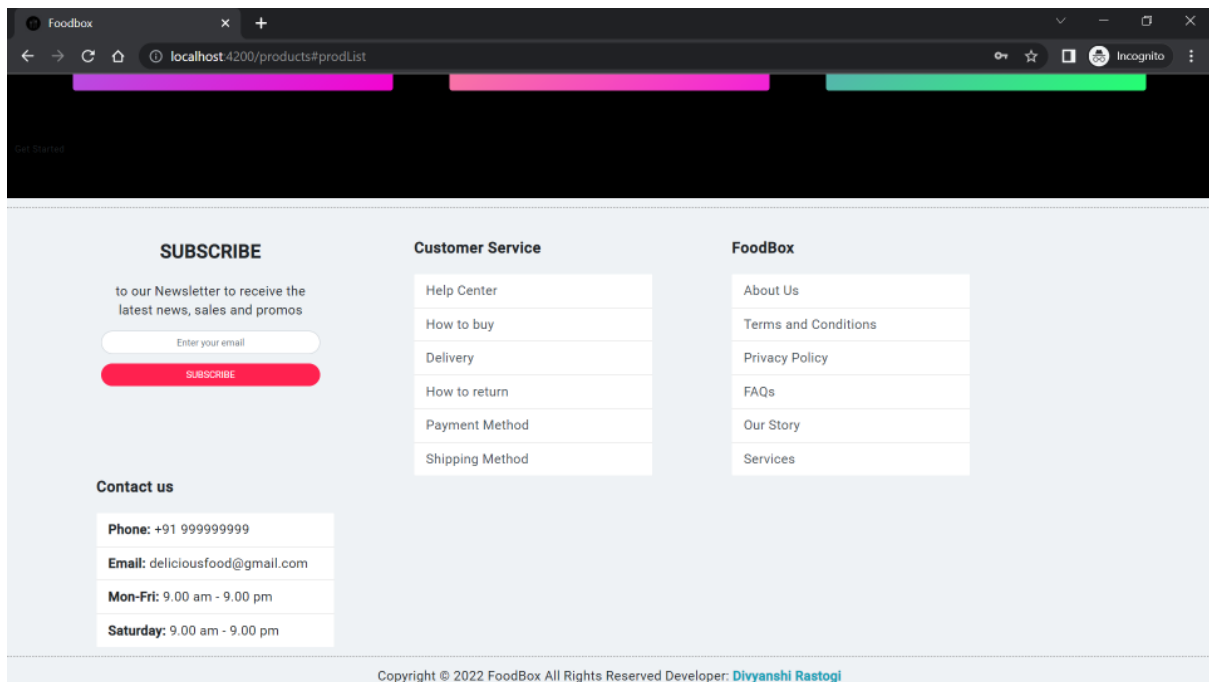
Fetching all the products based on category Indian



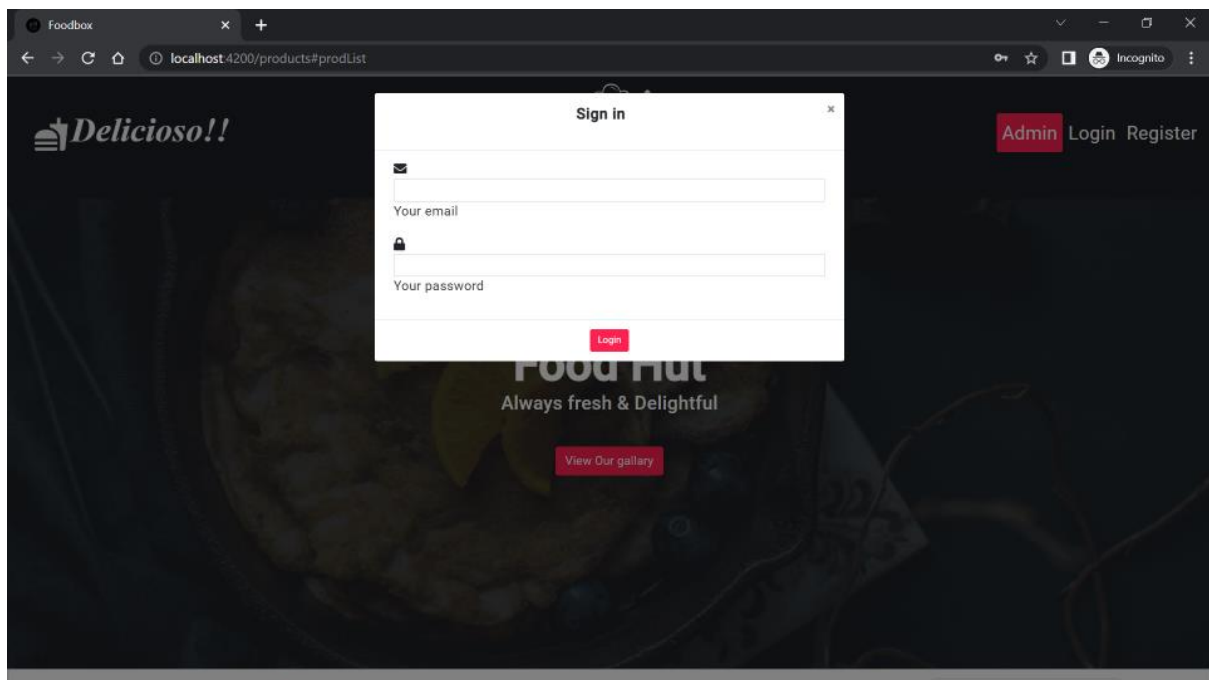
3. Added few subscriptions cards.



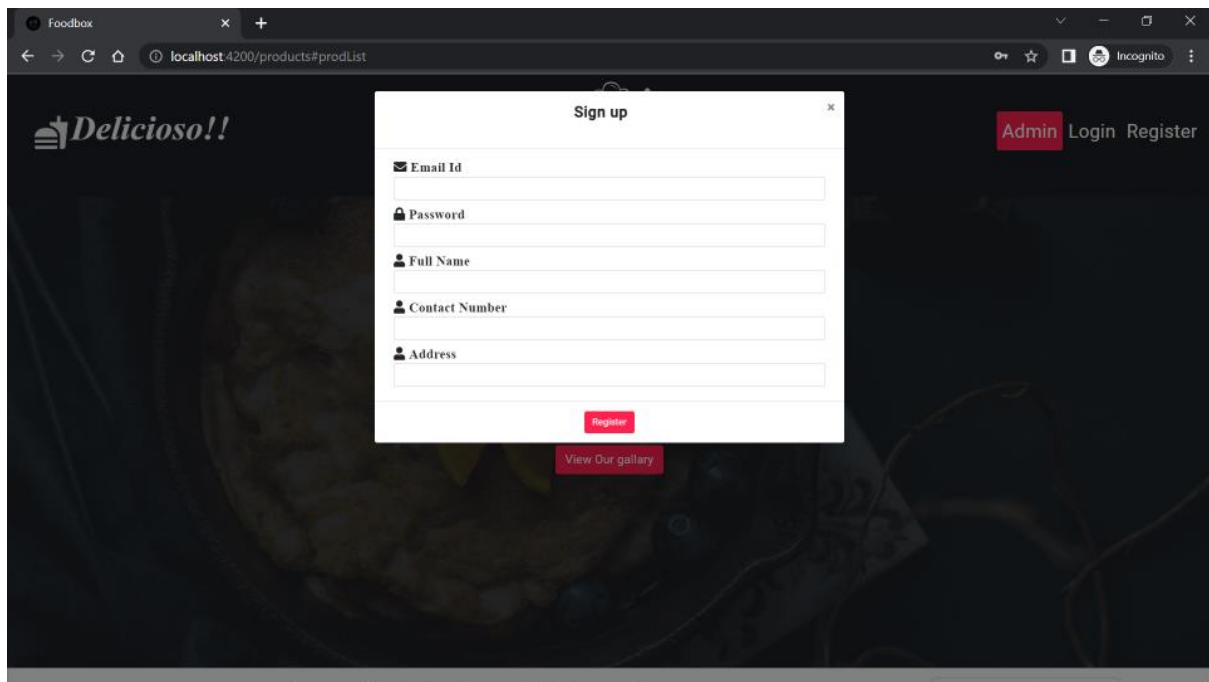
4. Footer



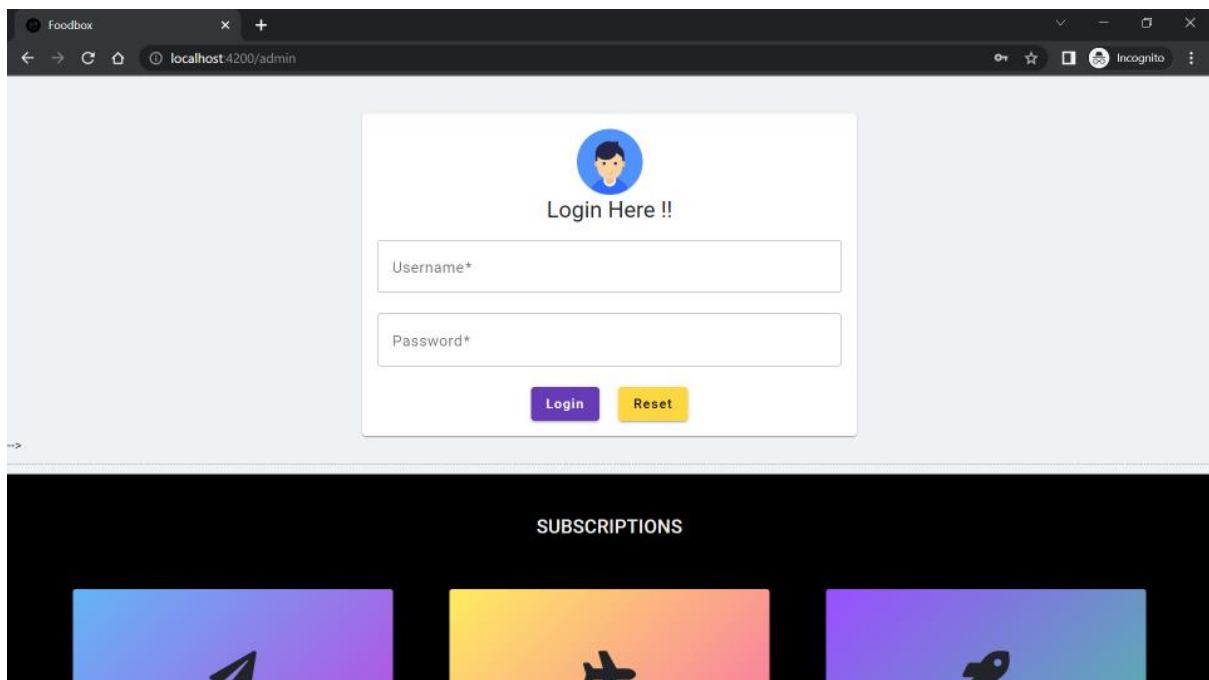
5. User Login



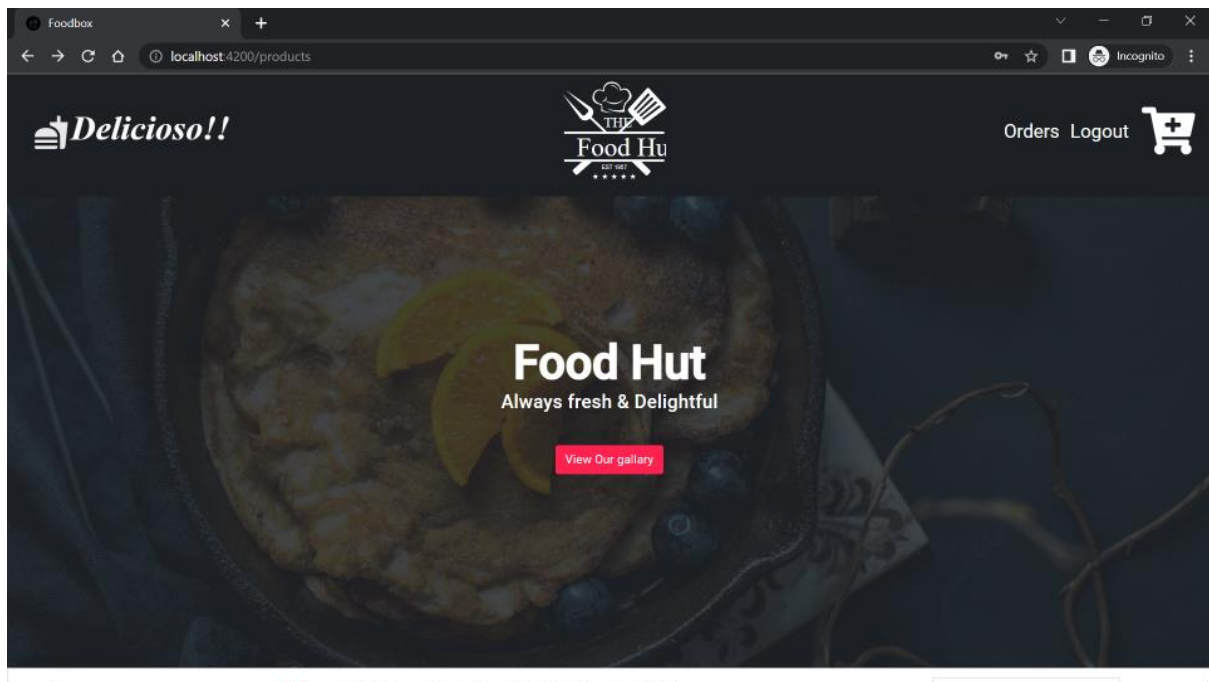
6. Register User



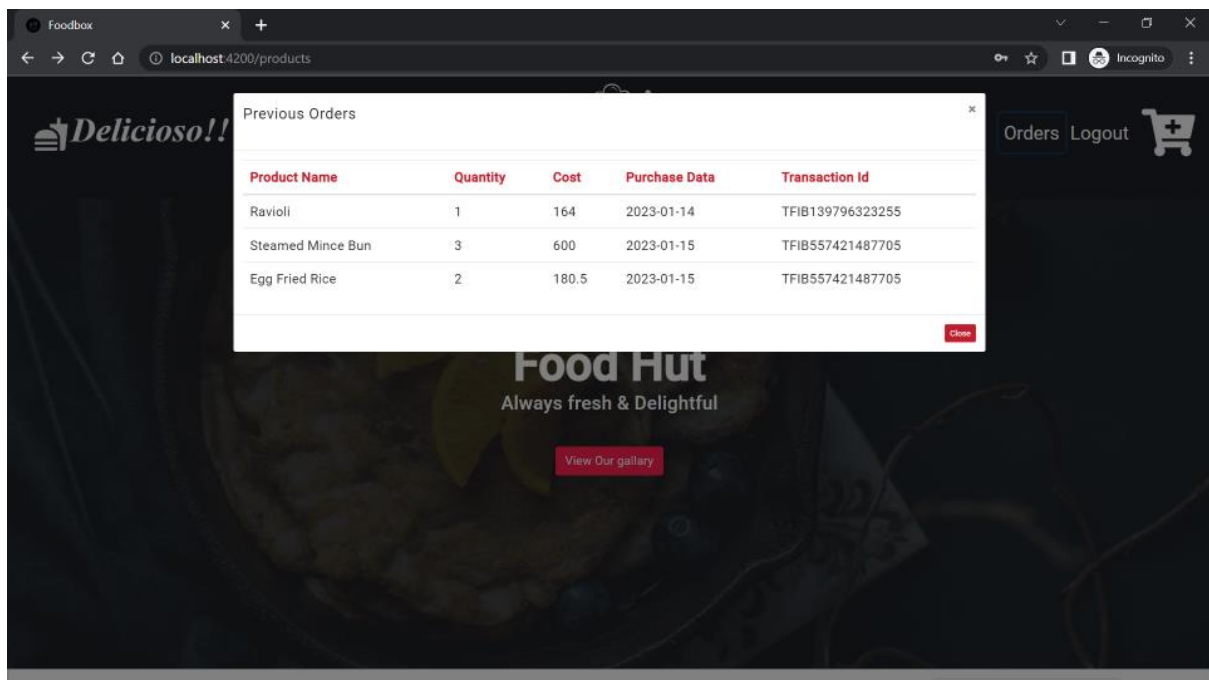
7. Admin Login



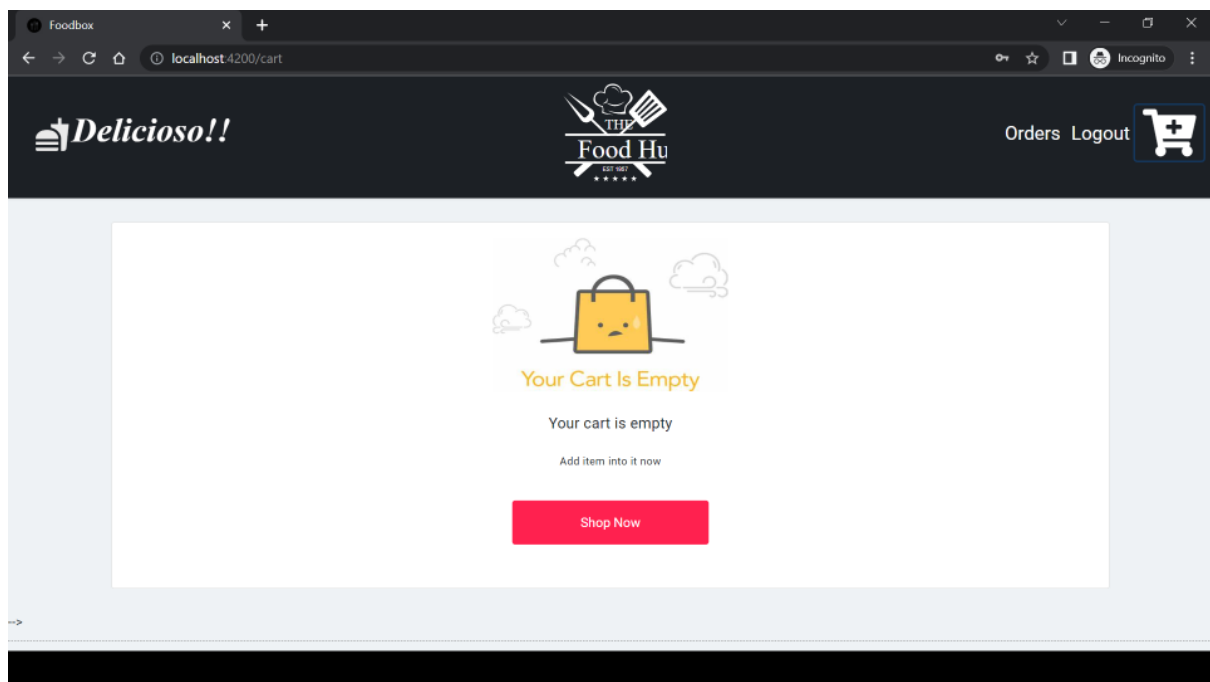
8. After Login



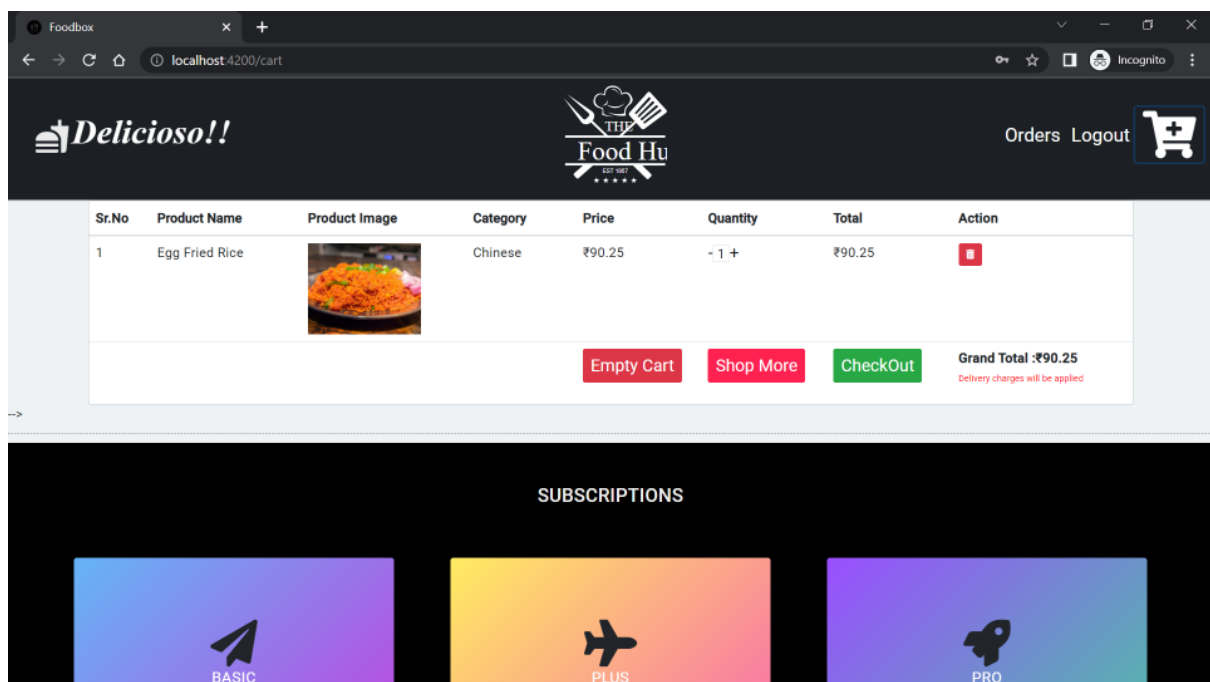
9. To view Previous Orders



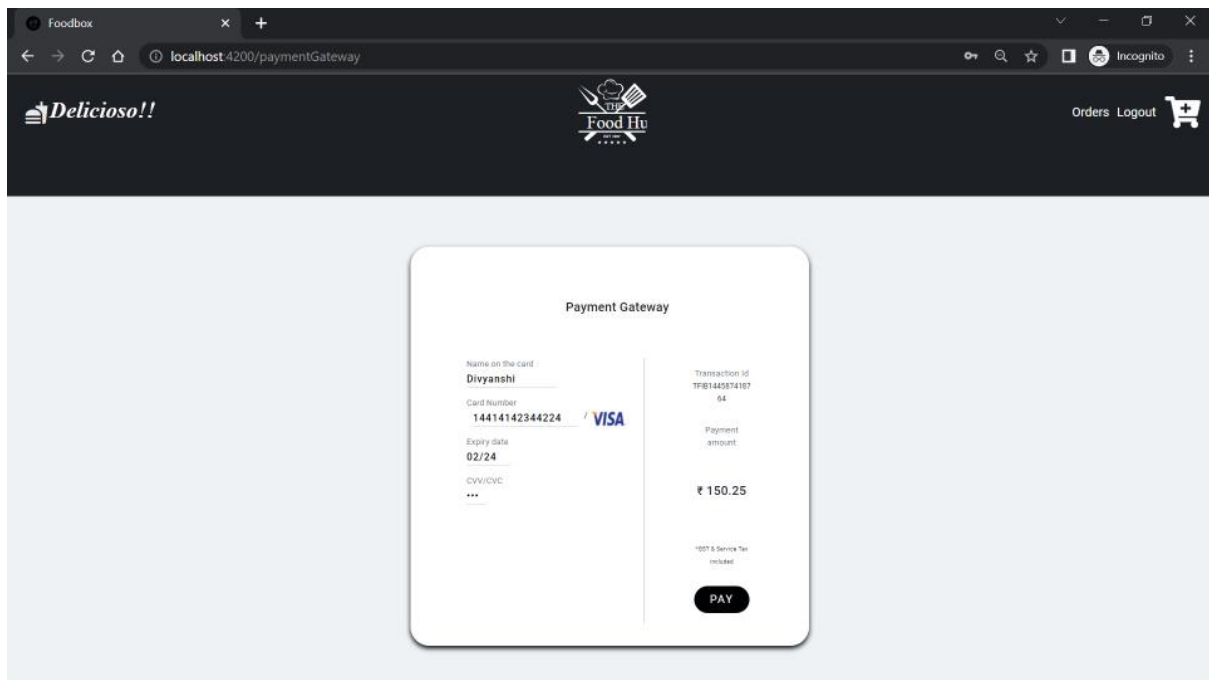
10. Click on Cart



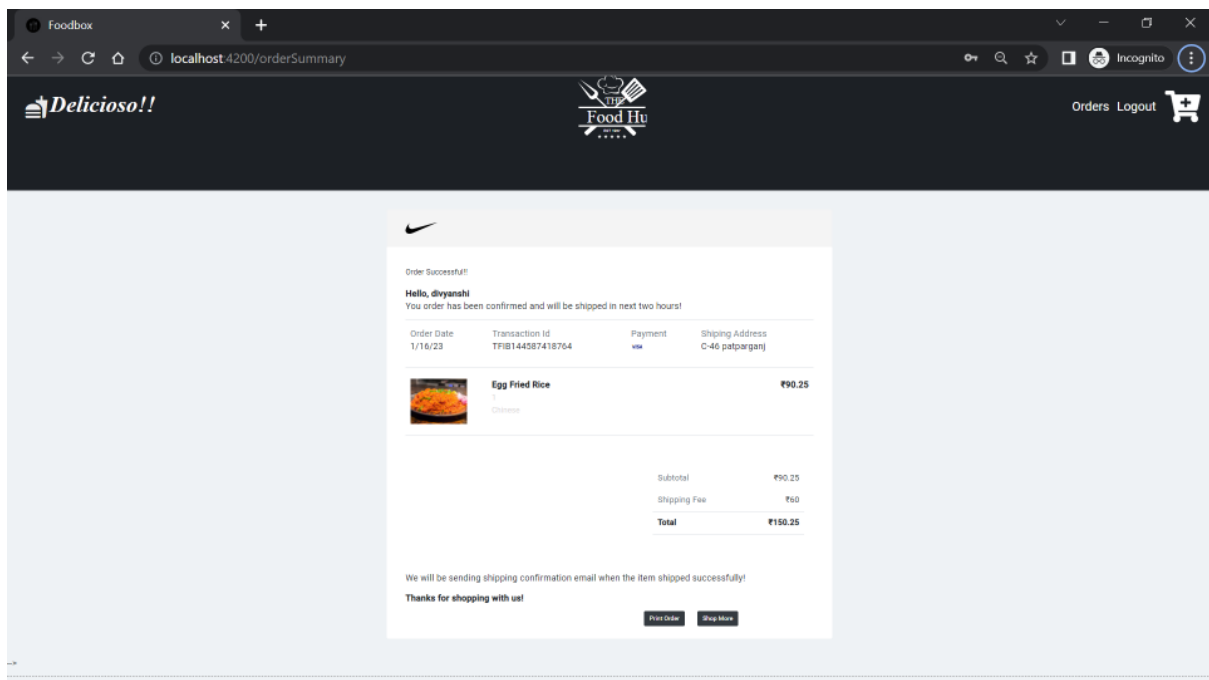
11. After adding a product to the cart



12. Once you click on Checkout



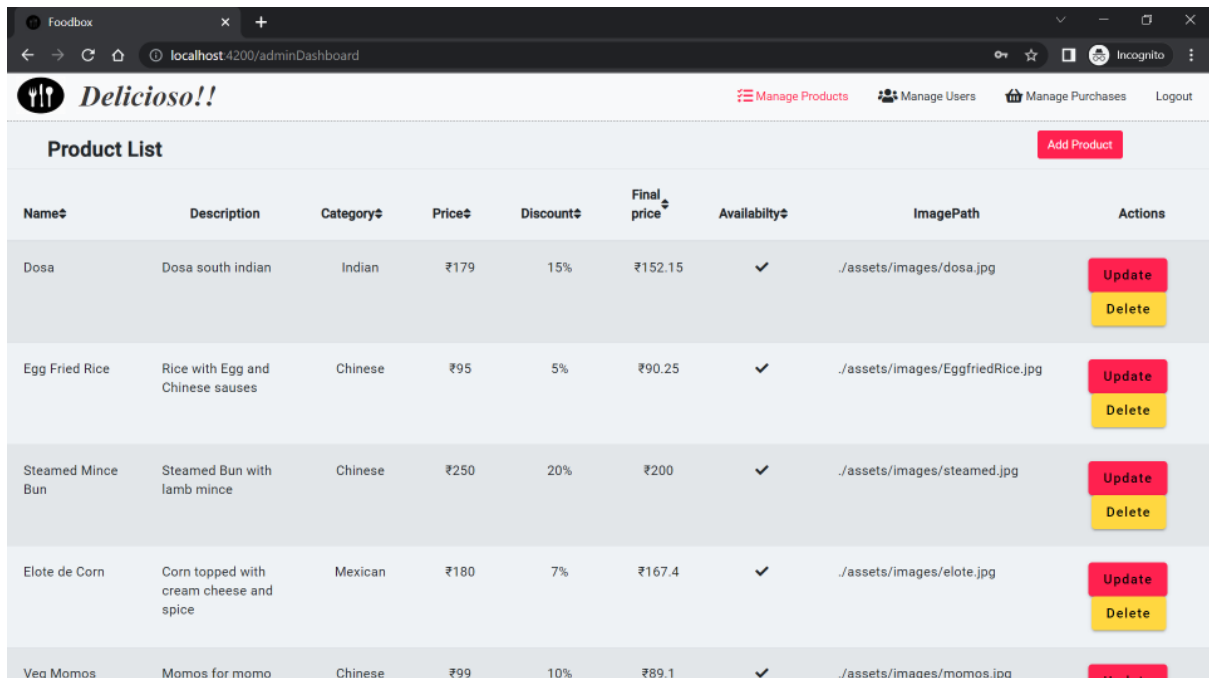
13. After Successful Payment.



14. After logging in as an admin

Username – root

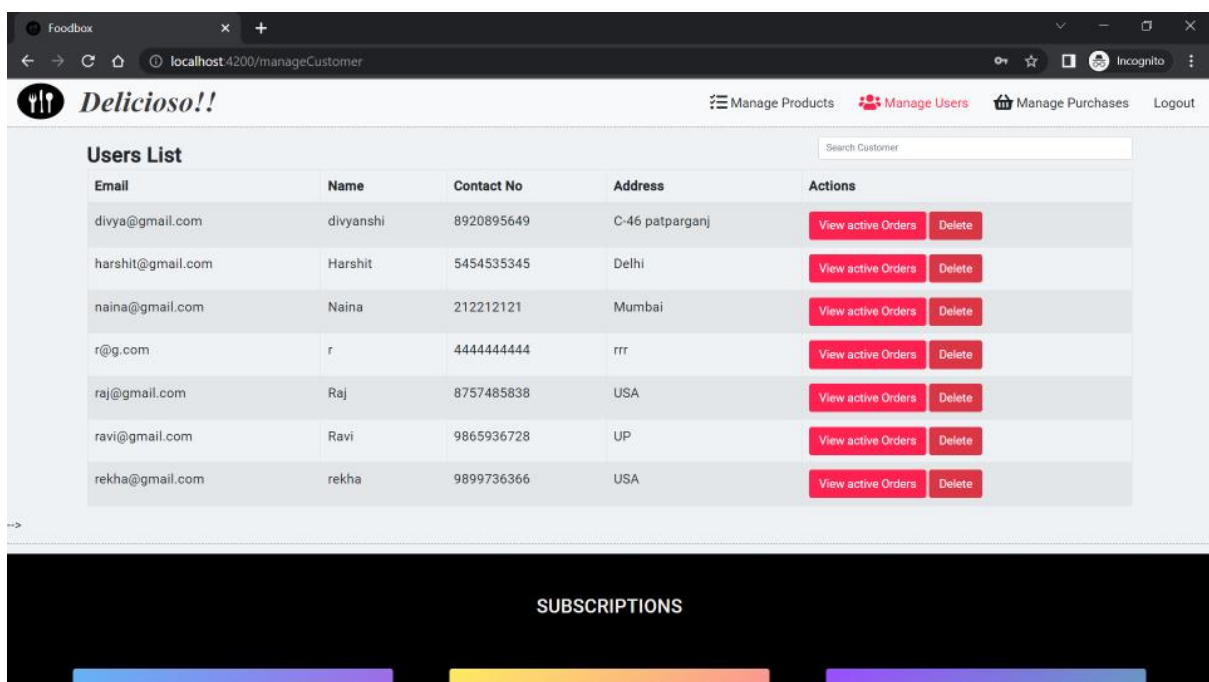
Password - root



The screenshot shows the Foodbox admin dashboard at localhost:4200/adminDashboard. The dashboard has a header with the Foodbox logo, navigation links (Manage Products, Manage Users, Manage Purchases, Logout), and an 'Add Product' button. The main content area displays a 'Product List' table with columns: Name, Description, Category, Price, Discount, Final price, Availability, ImagePath, and Actions. The table contains five product entries, each with 'Update' and 'Delete' buttons in the Actions column.

Name	Description	Category	Price	Discount	Final price	Availability	ImagePath	Actions
Dosa	Dosa south indian	Indian	₹179	15%	₹152.15	✓	./assets/images/dosa.jpg	Update Delete
Egg Fried Rice	Rice with Egg and Chinese sauses	Chinese	₹95	5%	₹90.25	✓	./assets/images/EggfriedRice.jpg	Update Delete
Steamed Mince Bun	Steamed Bun with lamb mince	Chinese	₹250	20%	₹200	✓	./assets/images/steamed.jpg	Update Delete
Elote de Corn	Corn topped with cream cheese and spice	Mexican	₹180	7%	₹167.4	✓	./assets/images/elote.jpg	Update Delete
Veg Momos	Momos for momo	Chinese	₹99	10%	₹89.1	✓	./assets/images/momos.jpg	Update

Manage Users

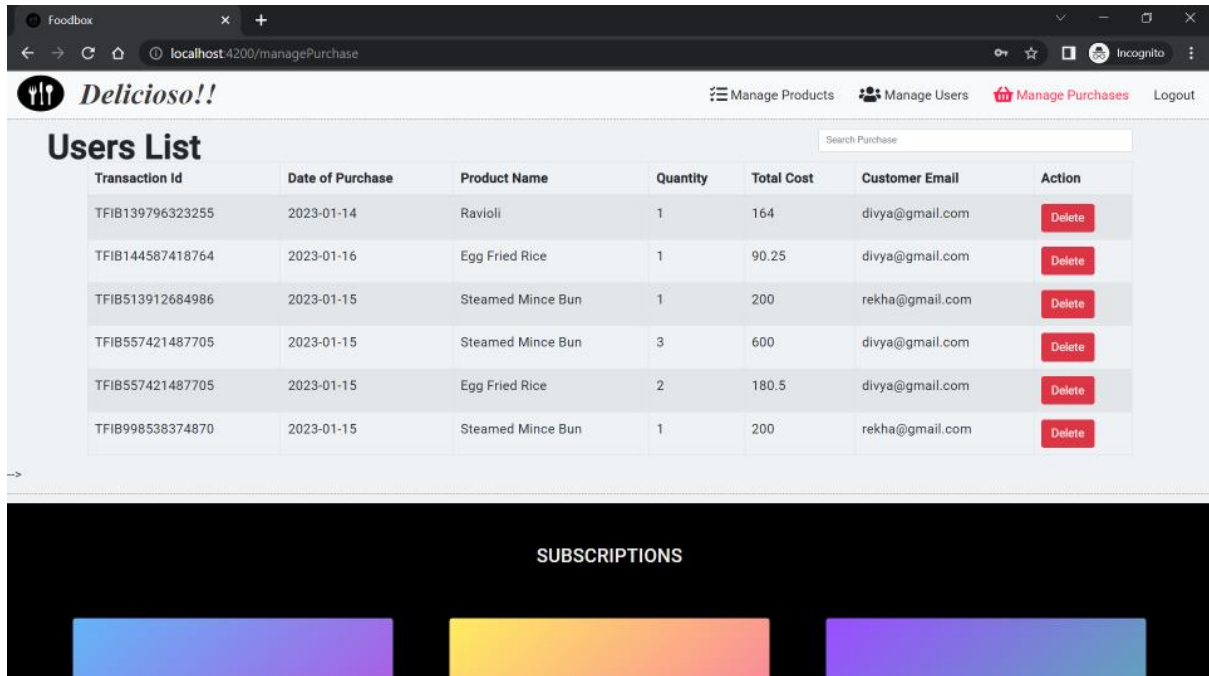


The screenshot shows the Foodbox admin dashboard at localhost:4200/manageCustomer. The dashboard has a header with the Foodbox logo, navigation links (Manage Products, Manage Users, Manage Purchases, Logout), and a search bar. The main content area displays a 'Users List' table with columns: Email, Name, Contact No, Address, and Actions. The table contains seven user entries, each with 'View active Orders' and 'Delete' buttons in the Actions column. Below the table is a 'SUBSCRIPTIONS' section.

Email	Name	Contact No	Address	Actions
divya@gmail.com	divyanshi	8920895649	C-46 patparganj	View active Orders Delete
harshit@gmail.com	Harshit	5454535345	Delhi	View active Orders Delete
naina@gmail.com	Naina	212212121	Mumbai	View active Orders Delete
r@g.com	r	4444444444	rrr	View active Orders Delete
raj@gmail.com	Raj	8757485838	USA	View active Orders Delete
ravi@gmail.com	Ravi	9865936728	UP	View active Orders Delete
rekha@gmail.com	rekha	9899736366	USA	View active Orders Delete

SUBSCRIPTIONS

Manage Purchases



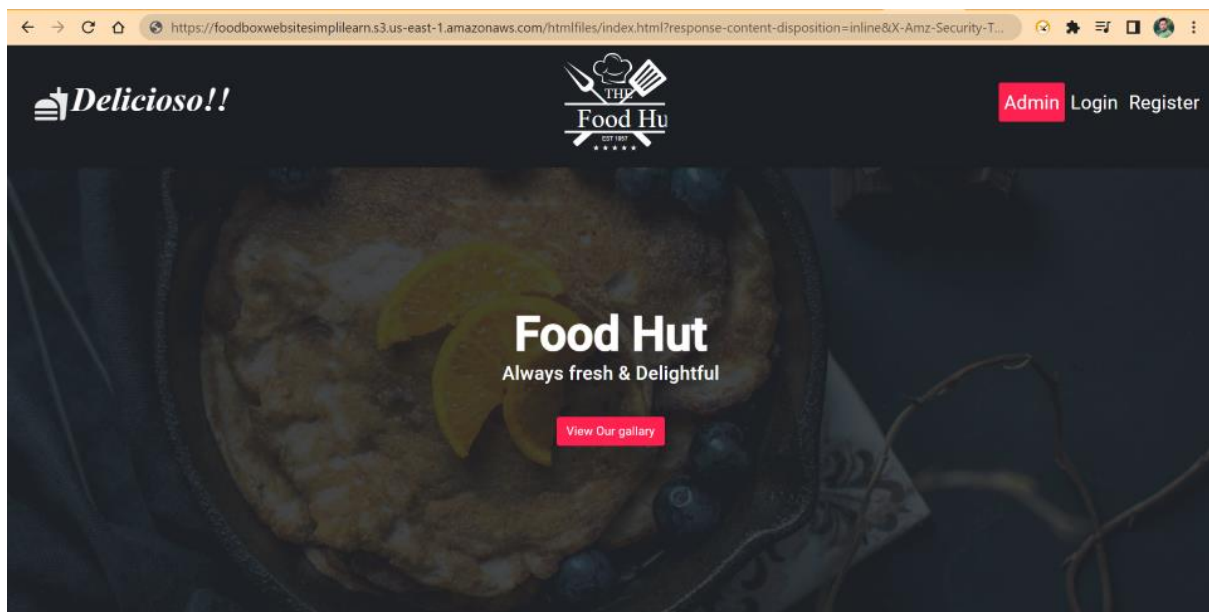
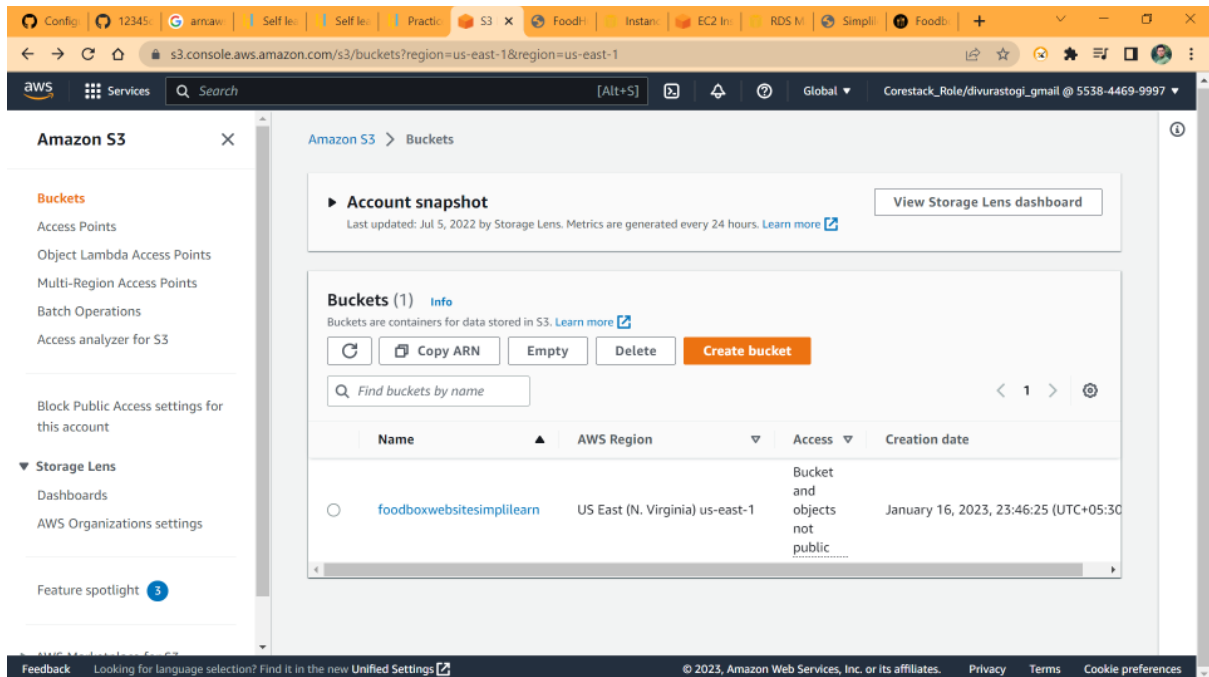
The screenshot shows a web browser window with the URL `localhost:4200/managePurchase`. The application is titled "Delicioso!!" and has a navigation bar with links for "Manage Products", "Manage Users", "Manage Purchases" (active), and "Logout".

The main content area is titled "Users List" and contains a table with the following data:

Transaction Id	Date of Purchase	Product Name	Quantity	Total Cost	Customer Email	Action
TFIB139796323255	2023-01-14	Ravioli	1	164	divya@gmail.com	Delete
TFIB144587418764	2023-01-16	Egg Fried Rice	1	90.25	divya@gmail.com	Delete
TFIB513912684986	2023-01-15	Steamed Mince Bun	1	200	rekha@gmail.com	Delete
TFIB557421487705	2023-01-15	Steamed Mince Bun	3	600	divya@gmail.com	Delete
TFIB557421487705	2023-01-15	Egg Fried Rice	2	180.5	divya@gmail.com	Delete
TFIB998538374870	2023-01-15	Steamed Mince Bun	1	200	rekha@gmail.com	Delete

Below the table, there is a "SUBSCRIPTIONS" section with three colored bars: a blue bar, a yellow bar, and a purple bar.

7. Hosting the website on Amazon S3 instance



9. Conclusions:

Further enchantment can be made as files can be stored in database for better retrieve and use of the user interactions.

The Data stored into the database can be secured and While retrieval we can use database query to select the information.
