FOODBOX- FULL STACK DEVELOPMENT CAPSTONE PROJECT

{ Sprint Planning and Project Specification }

Developer Details

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16th Feb 2023

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GitHub Link to Project

https://github.com/12345divyanshimasi12345/foodboxSimplilearn

FOODBOX(Delicioso!!)

This document contains sections as follow:

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 –

Repository	**FoodboxSimplilearn**
Link	**https://github.com/12345divyanshimasi12345/foodboxSimplilearn**

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.

SPRINT-2

1. 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.

2. 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.

SPRINT-3

1. 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.

2. 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

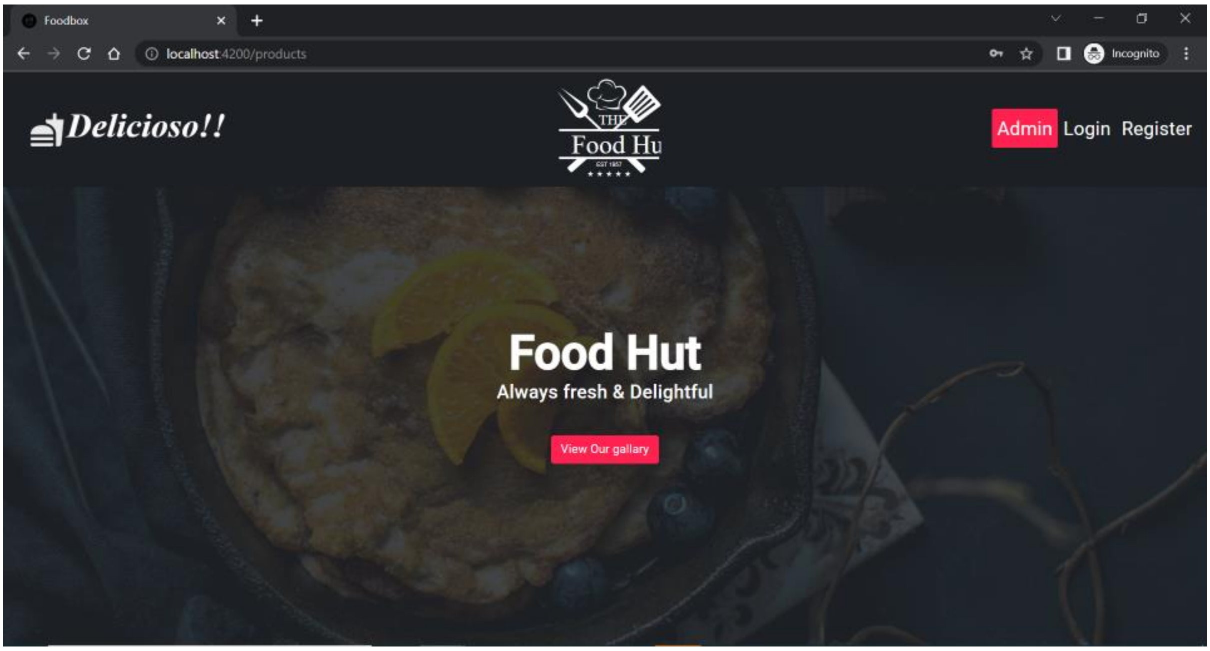
   Purchase.java
3. Writing a Java Program, to create all the repositories.
4. Writing a Java Program, to create the controllers for all repositories.
5. Writing a Java Program, to write config class and exception class.
6. Creating application.properties file to write all the database related code.
7. 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.

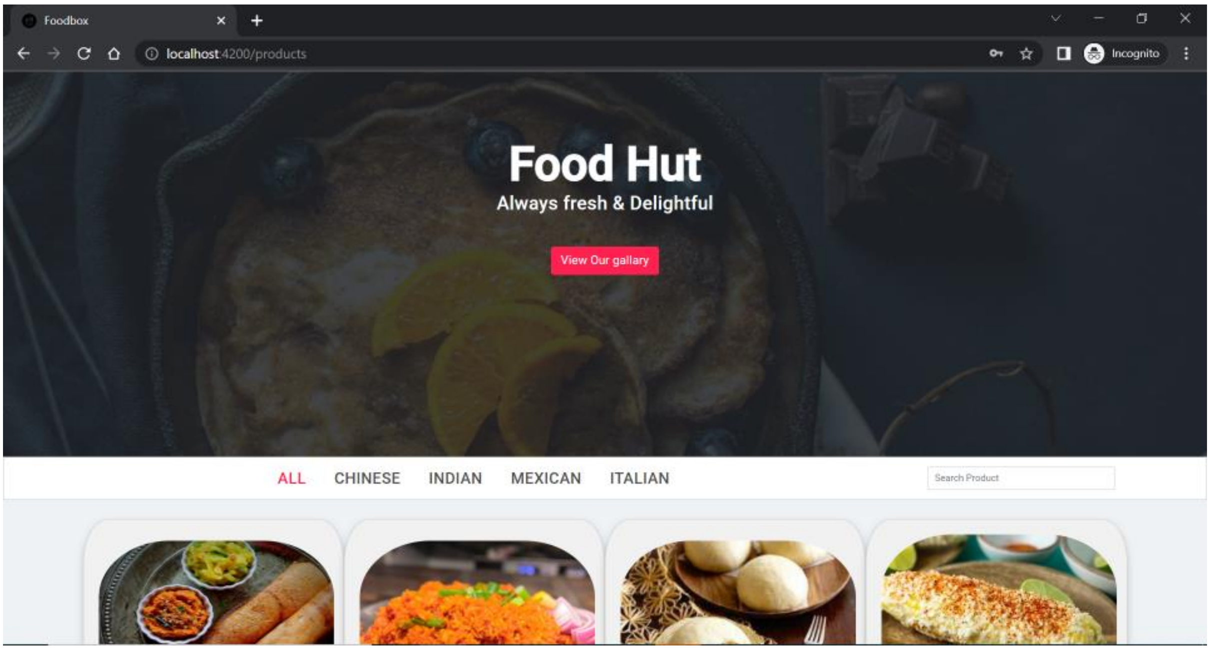
11. Once both the front-end and back-end start working perfectly. The project is pushed to GitHub Repository.

Project Screenshots

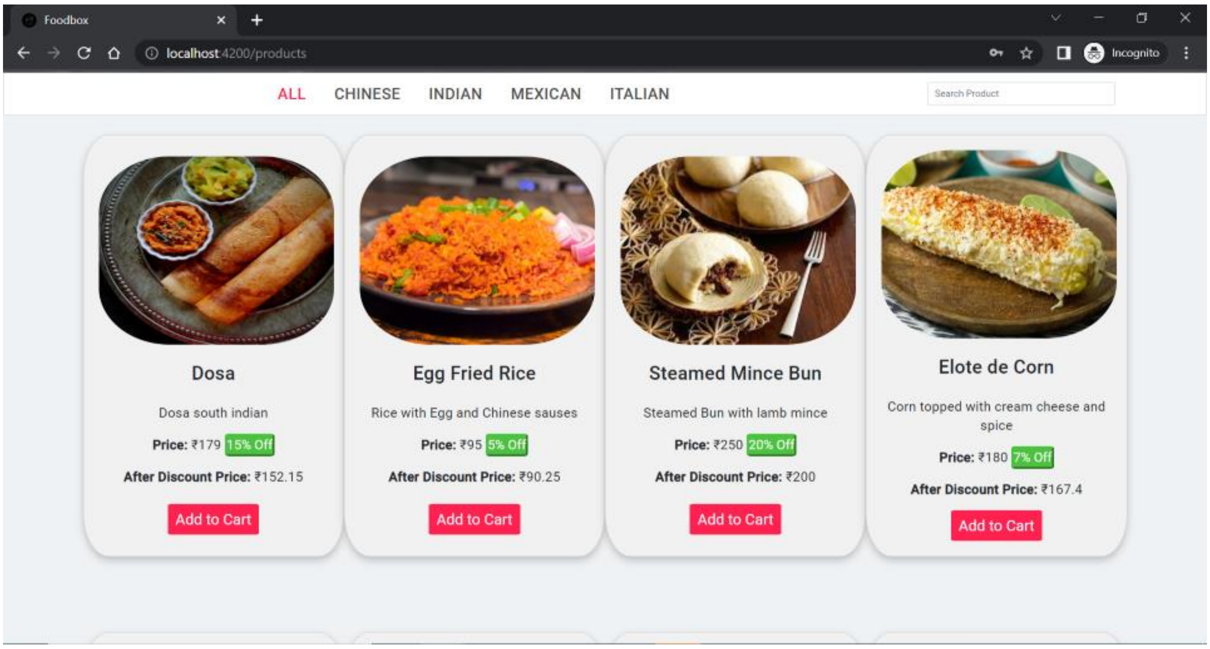
FRONT-END

1. HOME





2. Products



Dosa

Dosa south indian

Price: ₹179 15% Off

After Discount Price: ₹152.15

Add to Cart

Egg Fried Rice

Rice with Egg and Chinese sauses

Price: ₹95 5% Off

After Discount Price: ₹90.25

Add to Cart

Steamed Mince Bun

Steamed Bun with lamb mince

Price: ₹250 20% Off

After Discount Price: ₹200

Add to Cart

Elote de Corn

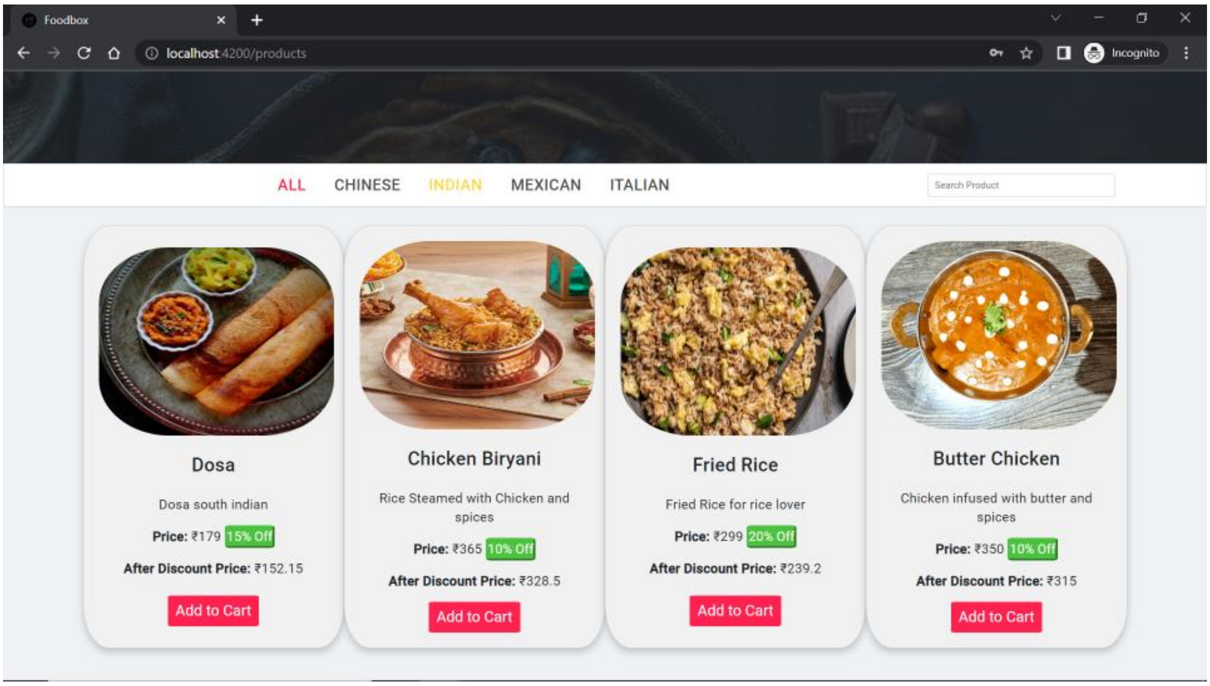
Corn topped with cream cheese and spice

Price: ₹180 7% Off

After Discount Price: ₹167.4

Add to Cart

Fetching all the products based on category Indian



Dosa

Dosa south indian

Price: ₹179 15% Off

After Discount Price: ₹152.15

Add to Cart

Chicken Biryani

Rice Steamed with Chicken and spices

Price: ₹365 10% Off

After Discount Price: ₹328.5

Add to Cart

Fried Rice

Fried Rice for rice lover

Price: ₹299 20% Off

After Discount Price: ₹239.2

Add to Cart

Butter Chicken

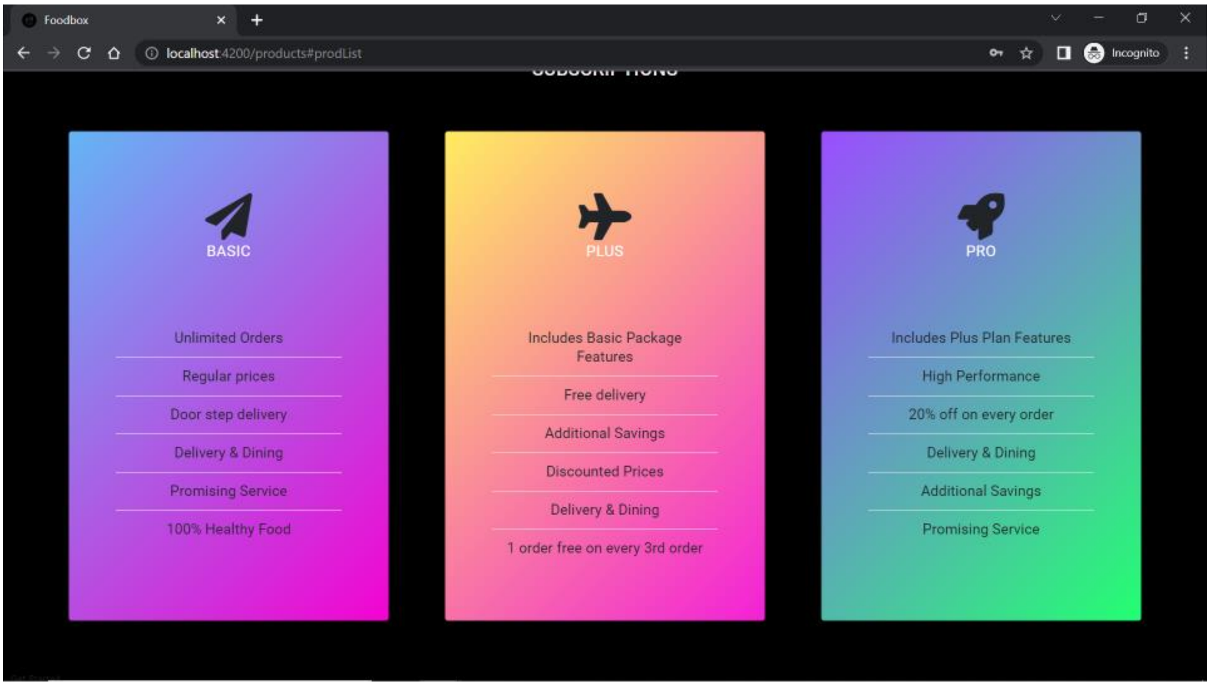
Chicken infused with butter and spices

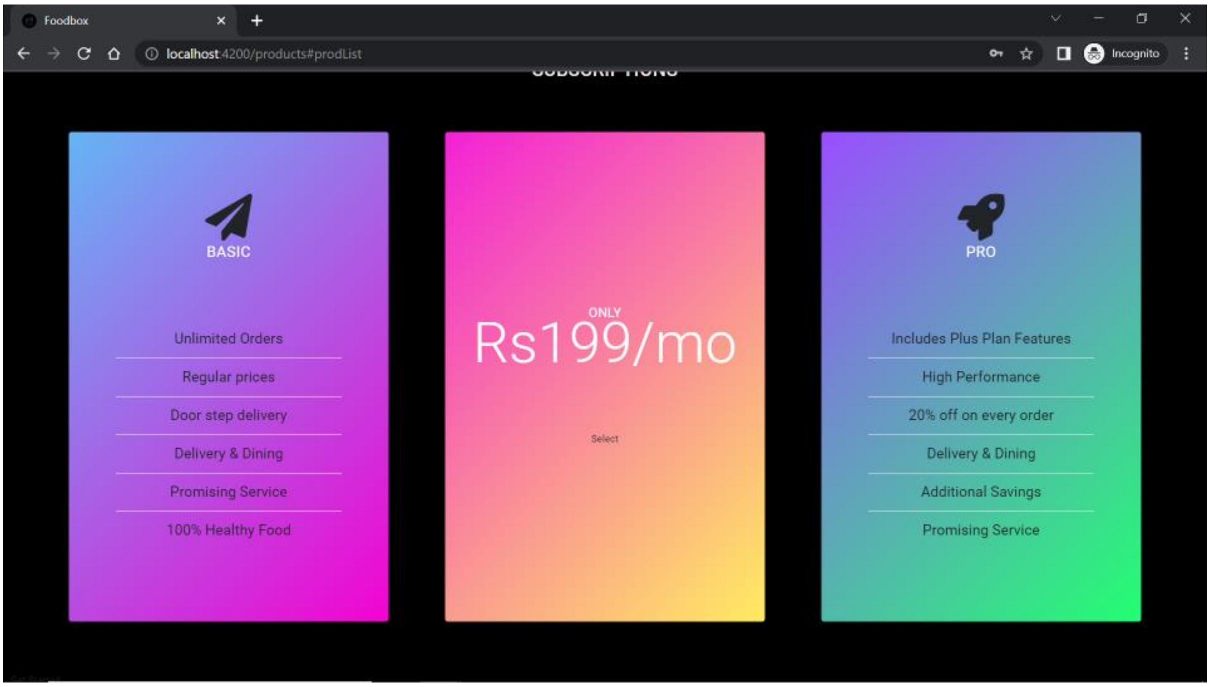
Price: ₹350 10% Off

After Discount Price: ₹315

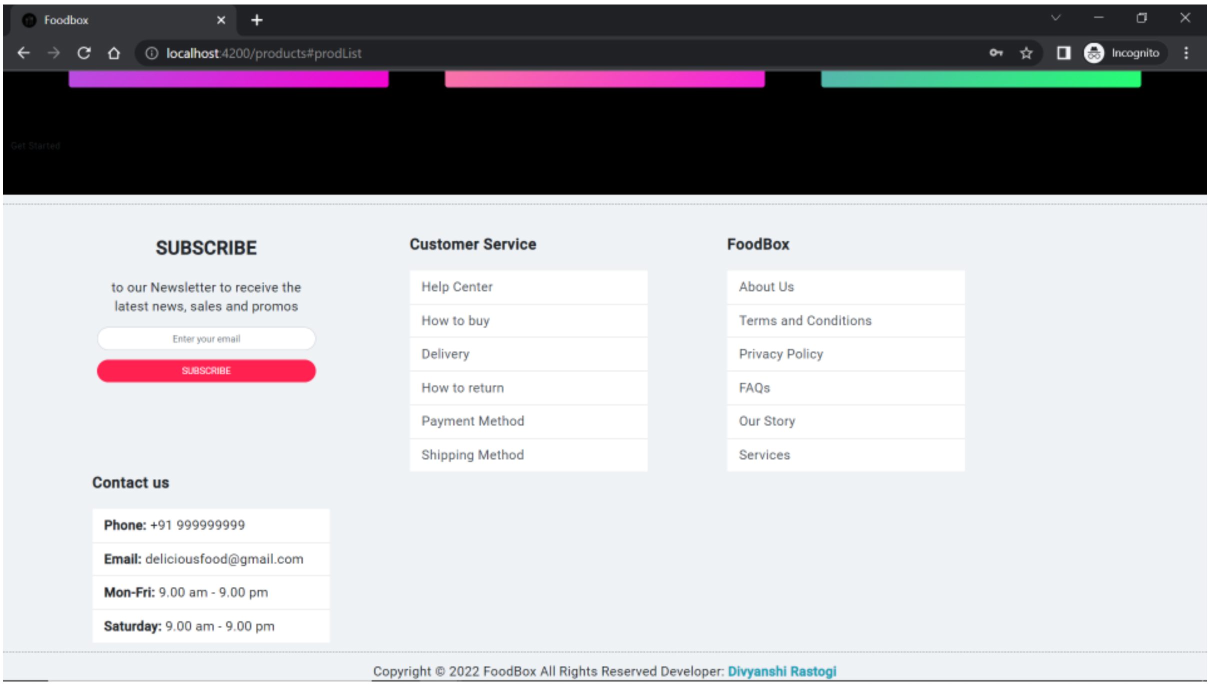
Add to Cart

3. Added few subscriptions cards.





4. Footer



SUBSCRIBE

to our Newsletter to receive the latest news, sales and promos

Enter your email

SUBSCRIBE

Customer Service

- Help Center
- How to buy
- Delivery
- How to return
- Payment Method
- Shipping Method

FoodBox

- About Us
- Terms and Conditions
- Privacy Policy
- FAQs
- Our Story
- Services

Contact us

Phone: +91 999999999
Email: deliciousfood@gmail.com
Mon-Fri: 9.00 am - 9.00 pm
Saturday: 9.00 am - 9.00 pm

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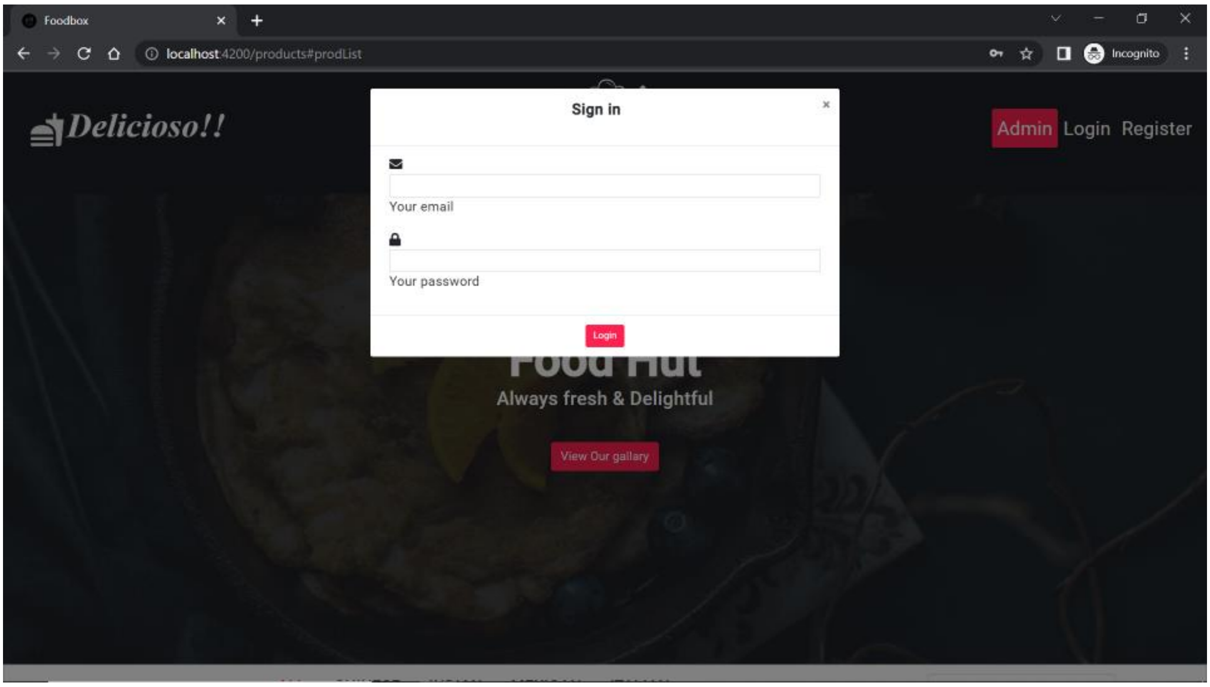
5. User Login



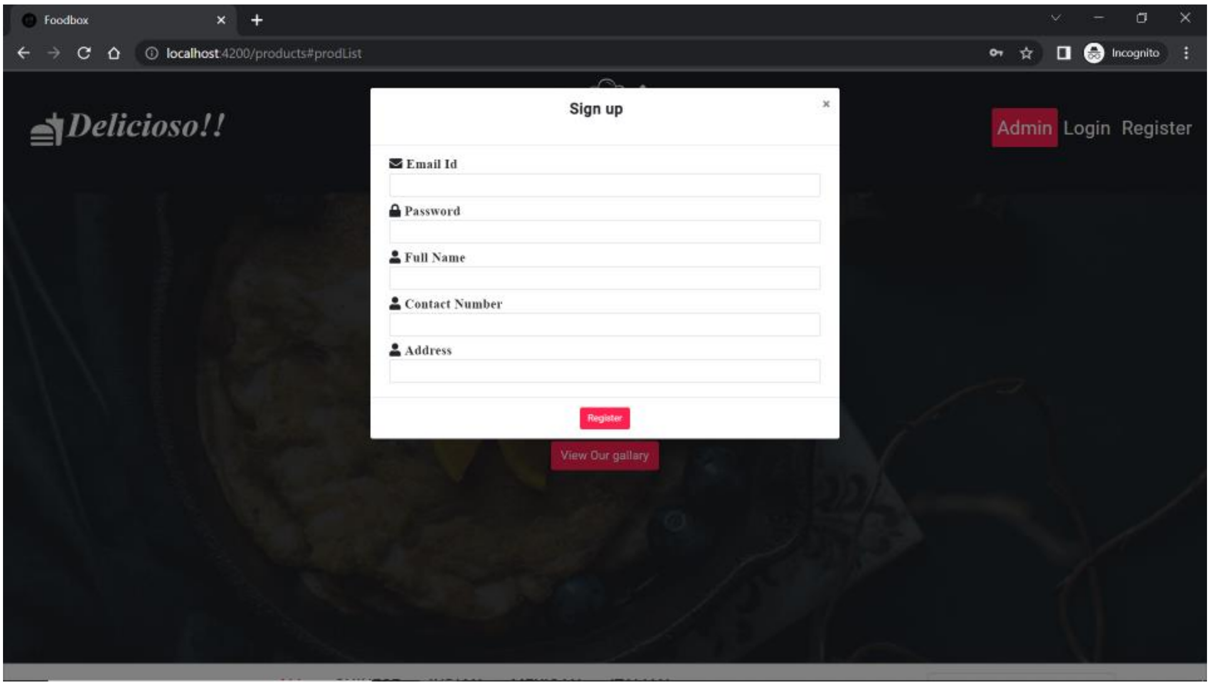
Sign in

Your email

Your password

Login

6. Register User



Sign up

Email Id

Password

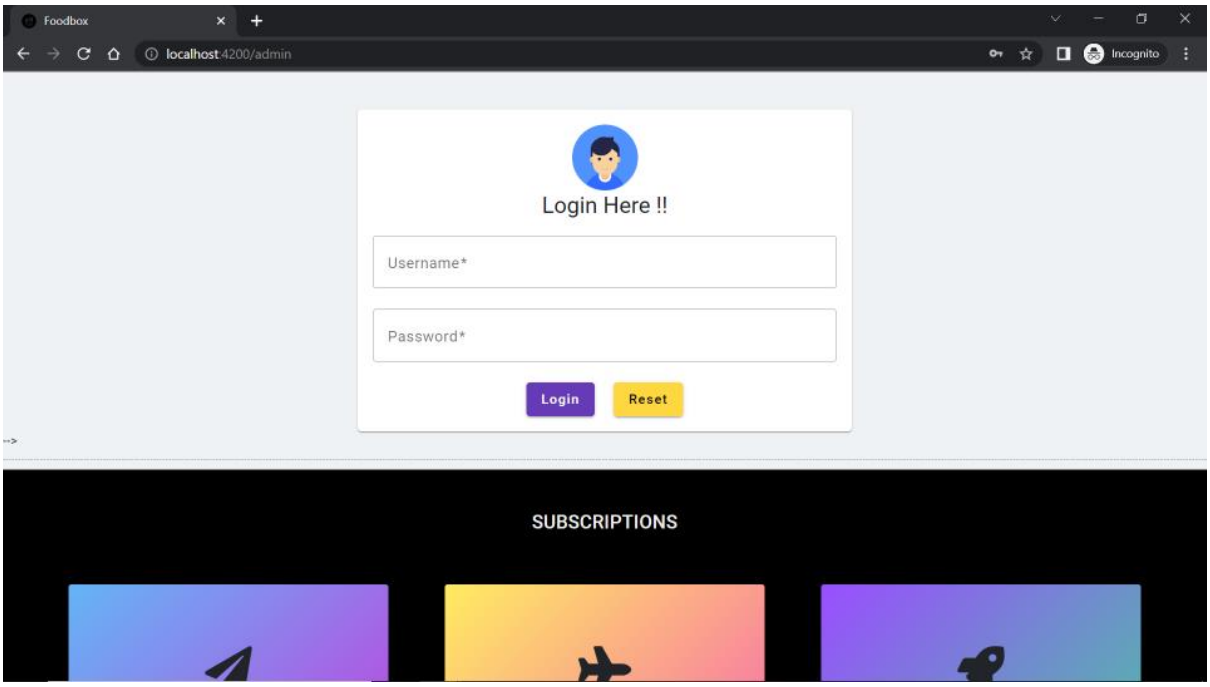
Full Name

Contact Number

Address

Register

7. Admin Login



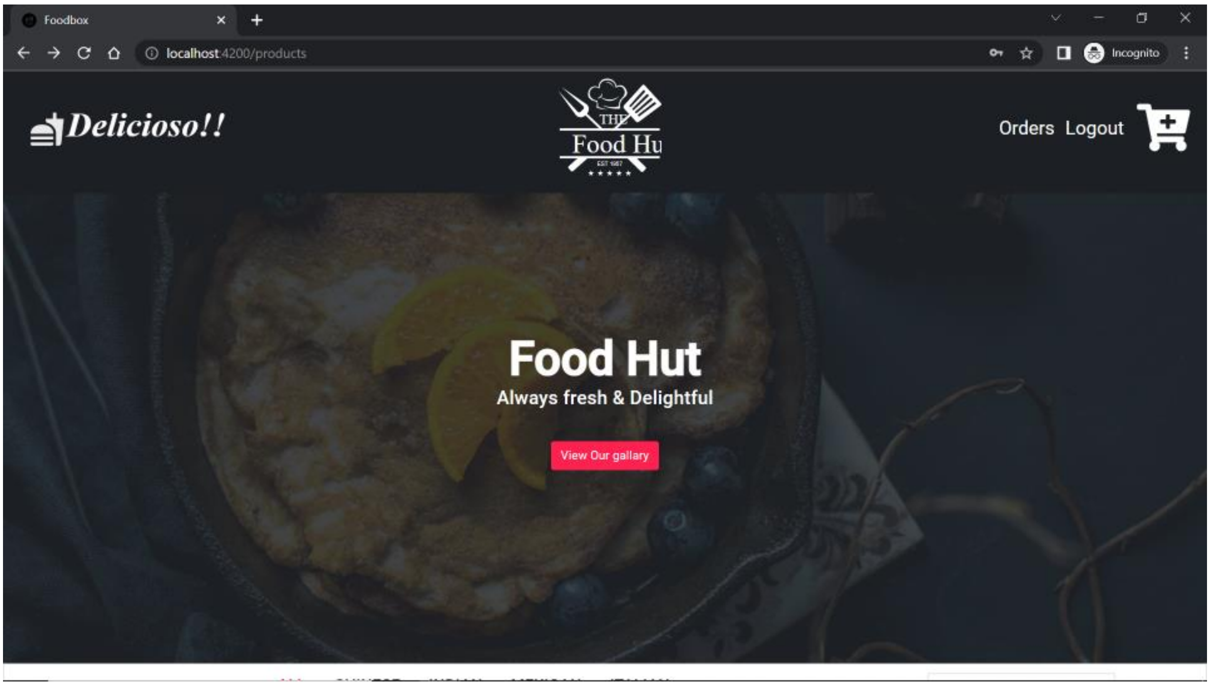
Login Here !!

Username*

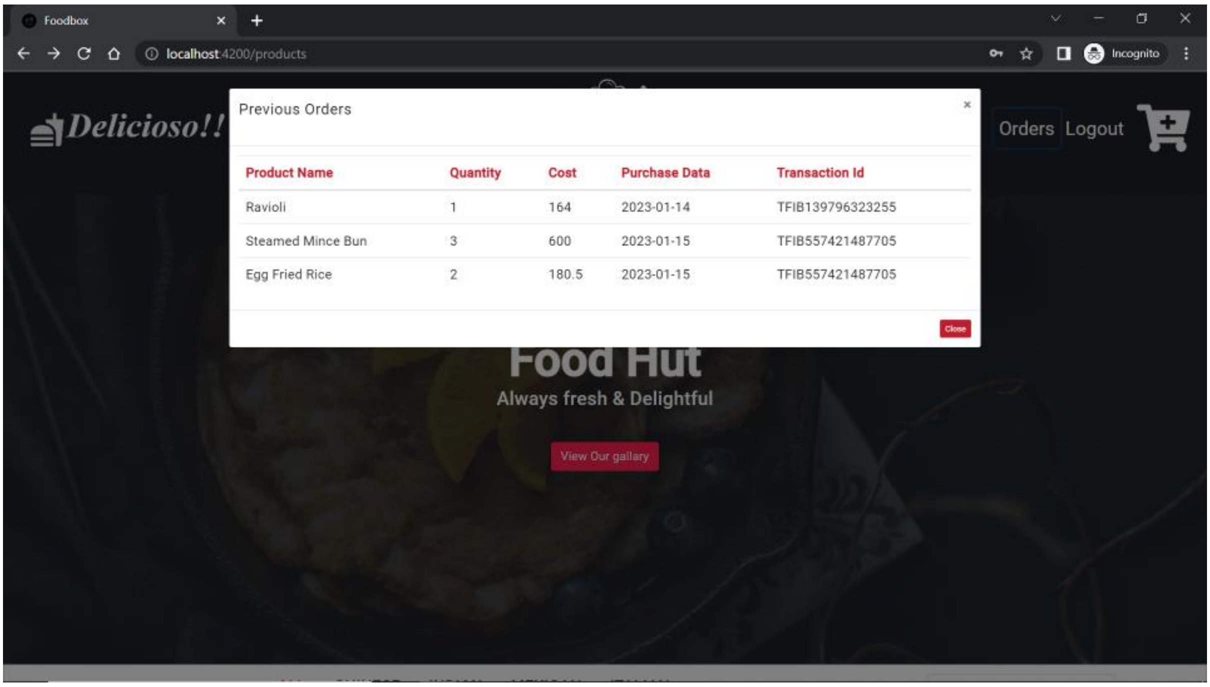
Password*

Login Reset

8. After Login



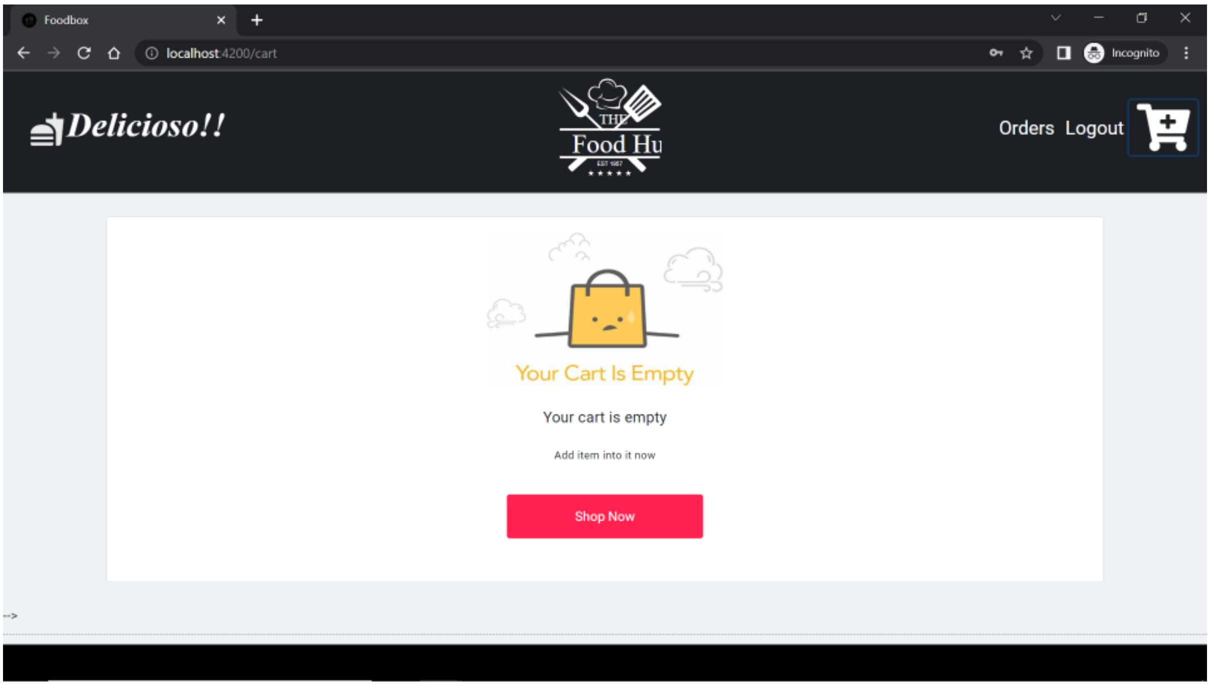
9. To view Previous Orders



Previous Orders

Product Name	Quantity	Cost	Purchase Data	Transaction Id
Ravioli	1	164	2023-01-14	TFIB139796323255
Steamed Mince Bun	3	600	2023-01-15	TFIB557421487705
Egg Fried Rice	2	180.5	2023-01-15	TFIB557421487705

10. Click on Cart

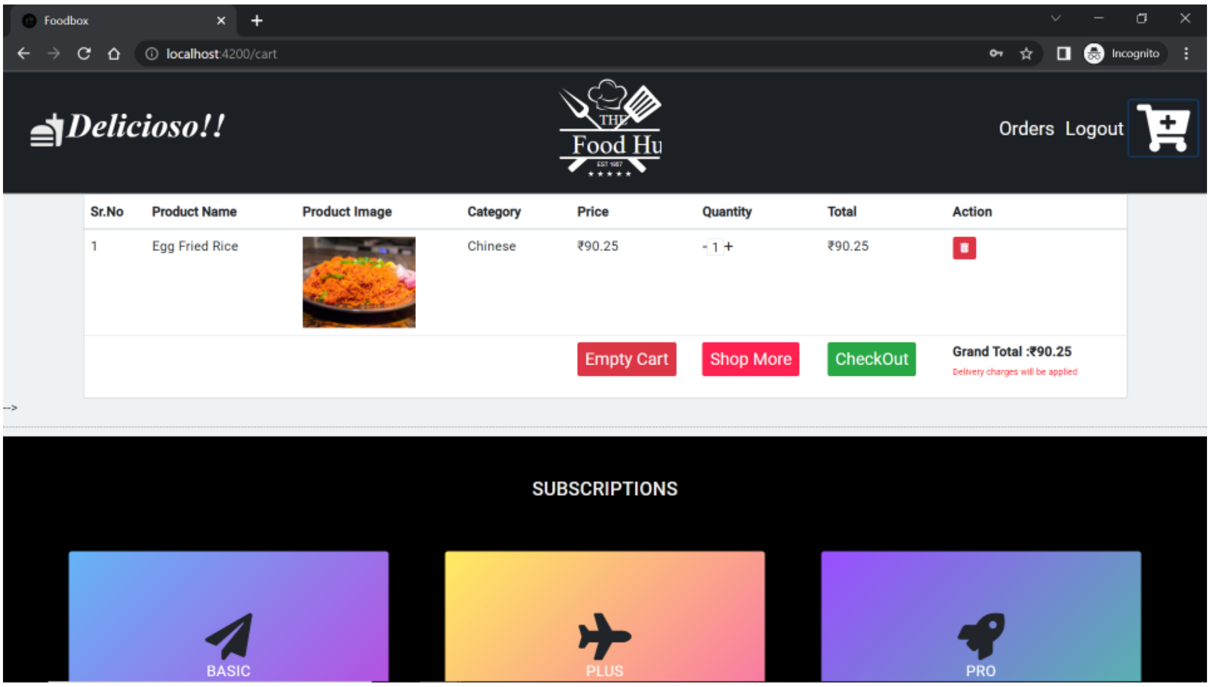


Your cart is empty

Add item into it now

-->

11. After adding a product to the cart



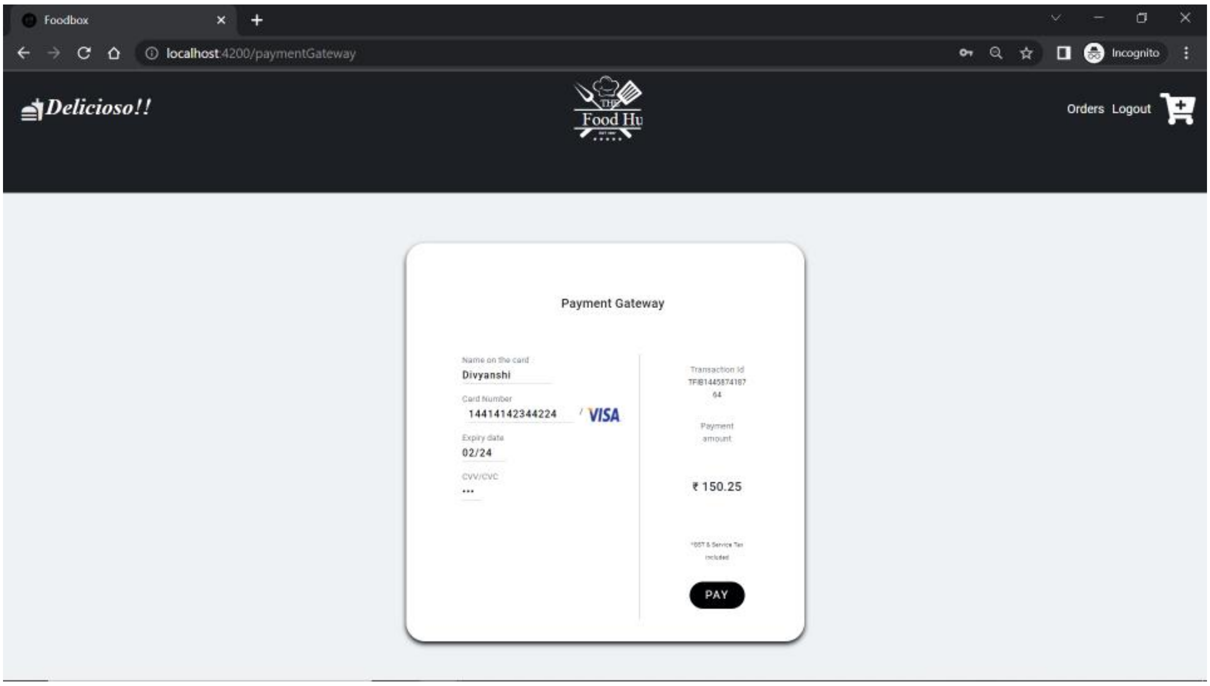
Sr.No	Product Name	Product Image	Category	Price	Quantity	Total	Action
1	Egg Fried Rice		Chinese	₹90.25	- 1 +	₹90.25	

Grand Total :₹90.25

Delivery charges will be applied

-->

12. Once you click on Checkout



Payment Gateway

Name on the card
Divyanshi

Card Number
14414142344224

Expiry date
02/24

CVV/CVC
•••

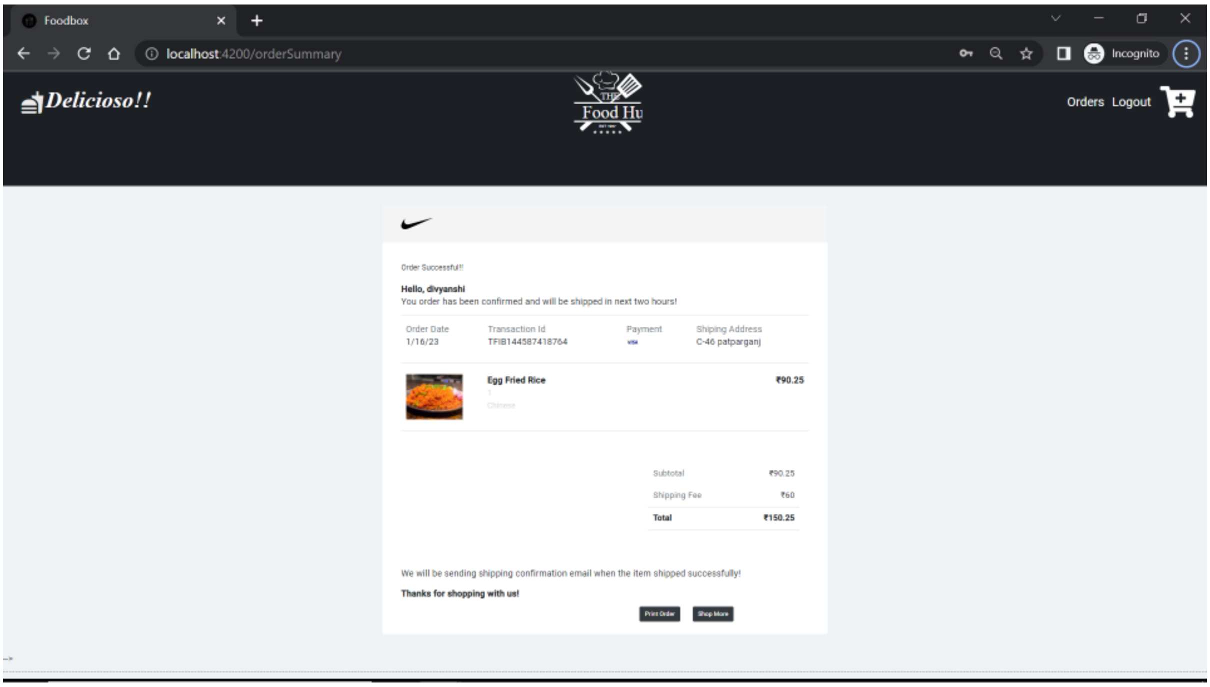
Transaction Id
TFIB144587418764

Payment amount

₹ 150.25

*GST & Service Tax included

13. After Successful Payment.



Order Successful!!

Hello, divyanshi
You order has been confirmed and will be shipped in next two hours!

Order Date	Transaction Id	Payment	Shiping Address
1/16/23	TFIB144587418764	VISA	C-46 patparganj

Egg Fried Rice **₹90.25**
1
Chinese

Subtotal	₹90.25
Shipping Fee	₹60
Total	**₹150.25**

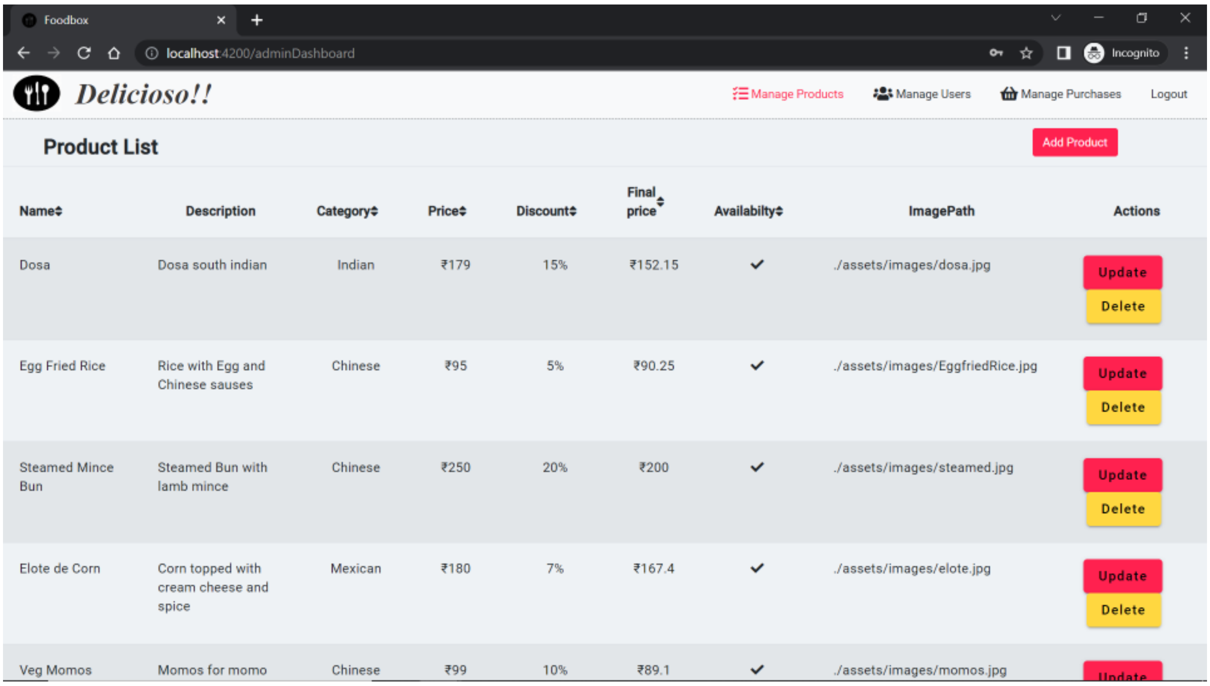
We will be sending shipping confirmation email when the item shipped successfully!

Thanks for shopping with us!

14. After logging in as an admin

Username – root

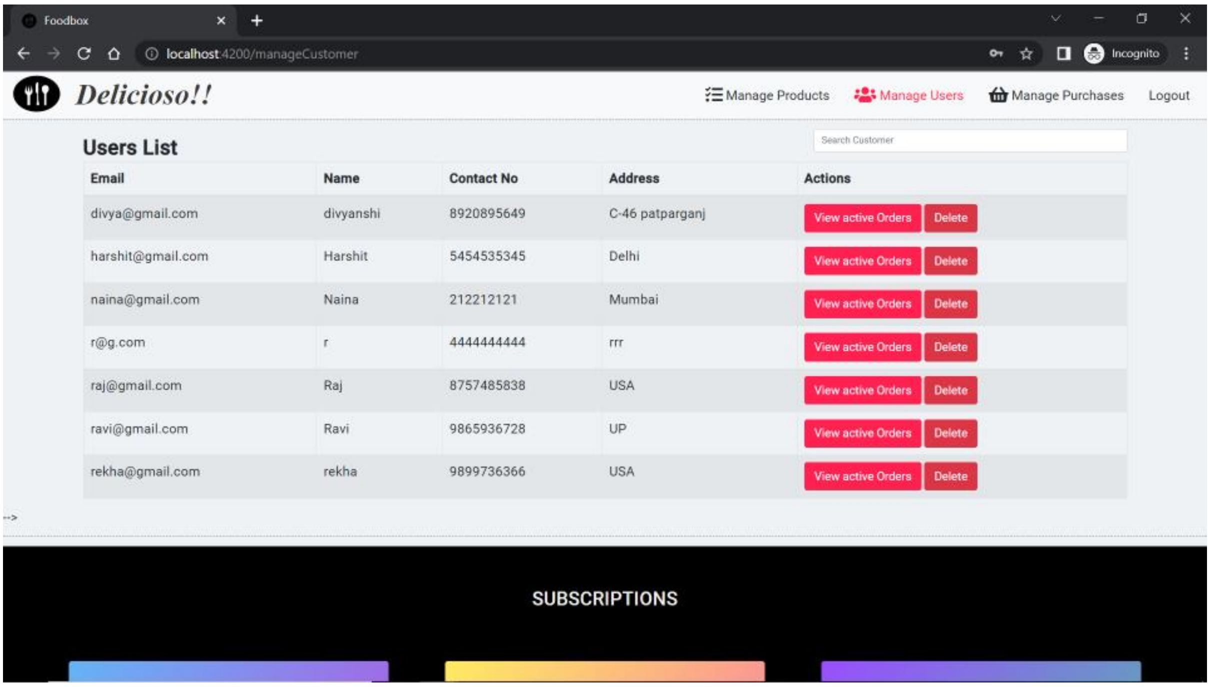
Password - root



Product List

Name	Description	Category	Price	Discount	Final price	Availabilty	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



Users List

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

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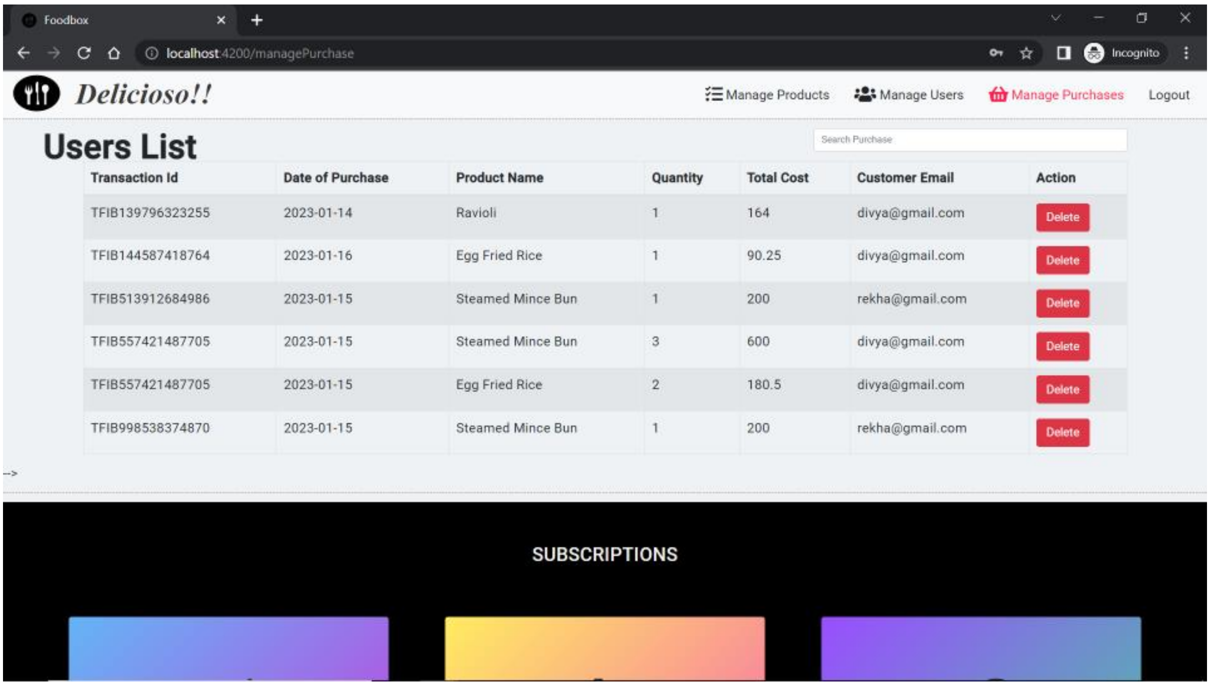
SUBSCRIPTIONS

Manage Purchases



Users List

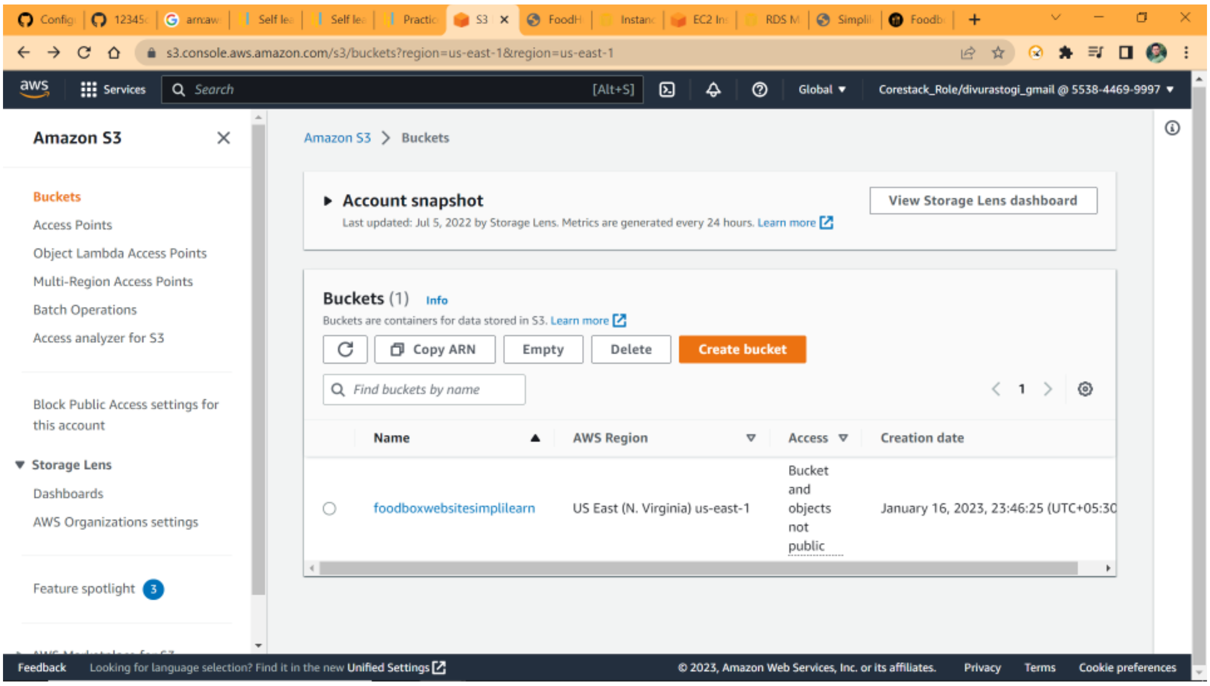
Transaction Id	Date of Purchase	Product Name	Quantity	Total Cost	Customer Email	Action
TFIB139796323255	2023-01-14	Ravioli	1	164	divya@gmail.com	Delete
TFIB144587418764	2023-01-16	Egg Fried Rice	1	90.25	divya@gmail.com	Delete
TFIB513912684986	2023-01-15	Steamed Mince Bun	1	200	rekha@gmail.com	Delete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

-->

SUBSCRIPTIONS

A recording of exploring all the features of this website will be shared on GitHub.

7. Hosting the website on Amazon S3 instance



s3.console.aws.amazon.com/s3/buckets?region=us-east-1&region=us-east-1
aws
Services
Search
[Alt+S]
Global
Corestack_Role/divurastogi_gmail @ 5538-4469-9997
Amazon S3
Buckets
Access Points
Object Lambda Access Points
Multi-Region Access Points
Batch Operations
Access analyzer for S3
Block Public Access settings for this account
Storage Lens
Dashboards
AWS Organizations settings
Feature spotlight 3
Amazon S3 > Buckets
View Storage Lens dashboard
Copy ARN
Empty
Delete
Create bucket
Find buckets by name
Feedback
Privacy
Terms
Cookie preferences

Account snapshot

Last updated: Jul 5, 2022 by Storage Lens. Metrics are generated every 24 hours. Learn more

Buckets (1) Info

Buckets are containers for data stored in S3. Learn more

	Name	AWS Region	Access	Creation date
○	foodboxwebsitesimplilearn	US East (N. Virginia) us-east-1	Bucket and objects not public	January 16, 2023, 23:46:25 (UTC+05:30

Looking for language selection? Find it in the new Unified Settings

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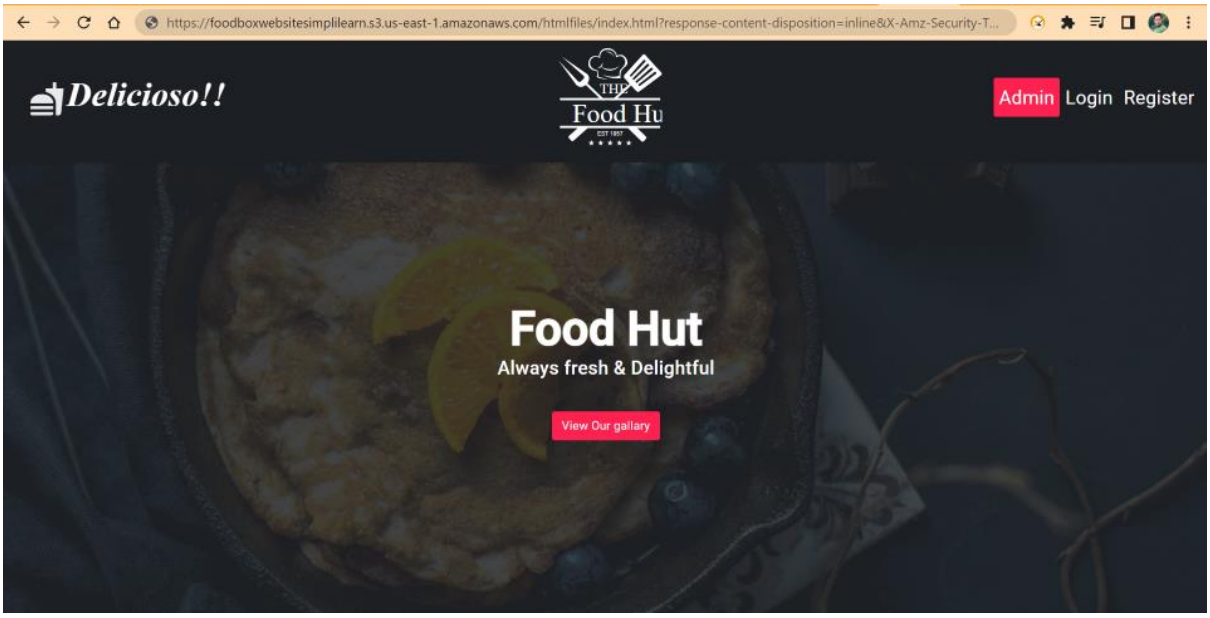

https://foodboxwebsitesimplilearn.s3.us-east-1.amazonaws.com/htmlfiles/index.html?response-content-disposition=inline&X-Amz-Security-T...
Delicioso!!
THE Food Hu
EST 1957
Admin
Login
Register
Food Hut
Always fresh & Delightful
View Our gallary

https://foodboxwebsitesimplilearn.s3.us-east-1.amazonaws.com/htmlfiles/index.html?response-content-disposition=inline&X-Amz-Security-T...
Delicioso!!
THE Food Hu
Admin
Login
Register

9. The project is pushed to GitHub repository.

- Open your command prompt and navigate to the folder where you have created your files.

  cd <folder path>

- Initialize repository using the following command:

  git init

- Add all the files to your git repository using the following command:

  git add .

- Commit the changes using the following command:

  git commit. -m <commit message>

- Push the files to the folder you initially created using the following command:

  git push -u origin master

  https://github.com/12345divyanshimasi12345/foodboxSimplilearn

10. 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.