

Job Readiness Project:

Food box

Document contains:

- Project and developer details
- Sprints planned and the tasks achieved in them
- Core concepts used in the project
- Links to the GitHub repository to verify the project completion

Project and developer details

DESCRIPTION

This project aims to design and develop an E-commerce website that lets people shop food items of different cuisines at affordable prices and deliver the products to their addresses. It was developed using Angular and Spring boot It was created as the Job Readiness Project for the Full Stack Java Developer course.

Background of the problem statement:

Food box 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.

You are hired as the Full Stack Java developer and are asked to develop the web application. The management team has provided you with the requirements and their business model so that you can easily arrange different components of the application.

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Features of the application:

1. Registration
2. Login
3. Payment gateway
4. Searching
5. Filtering
6. Sorting
7. Dynamic data
8. Responsive and compatible with different device

Admin Portal:

The admin portal deals with all the backend data generation and product information. The admin user should be able to:

- Add or remove different cuisines to or from the application to build a rich product line
- Edit food item details like name, price, cuisine, description, and offers to keep it aligned to the current prices
- Enable or disable the food items

User Portal:

It deals with the user activities. The end-user should be able to:

- Sign-in to the application to maintain a record of activities
- Search for food items based on the search keyword
- Apply filters and sort results based on different cuisines to get the best deals
- Add all the selected food items to a cart and customize the purchase at the end
- Perform a seamless payment process
- Get an order summary details page once the payment is complete.

Developer Details: Sadhu Venkata Sai Kumar

svsai97@gmail.com

7780556763

Sprints planned and the tasks achieved in them

There are four sprints for this project

Sprint-1: Studied the Features of application and created Git Repository.

Sprint-2: Medicare backend created using spring boot and tested backend API

Sprint-3: Medicare frontend created using spring boot and connected with backend.

Sprint-4: Medicare application all features is tested.

Recommended technologies

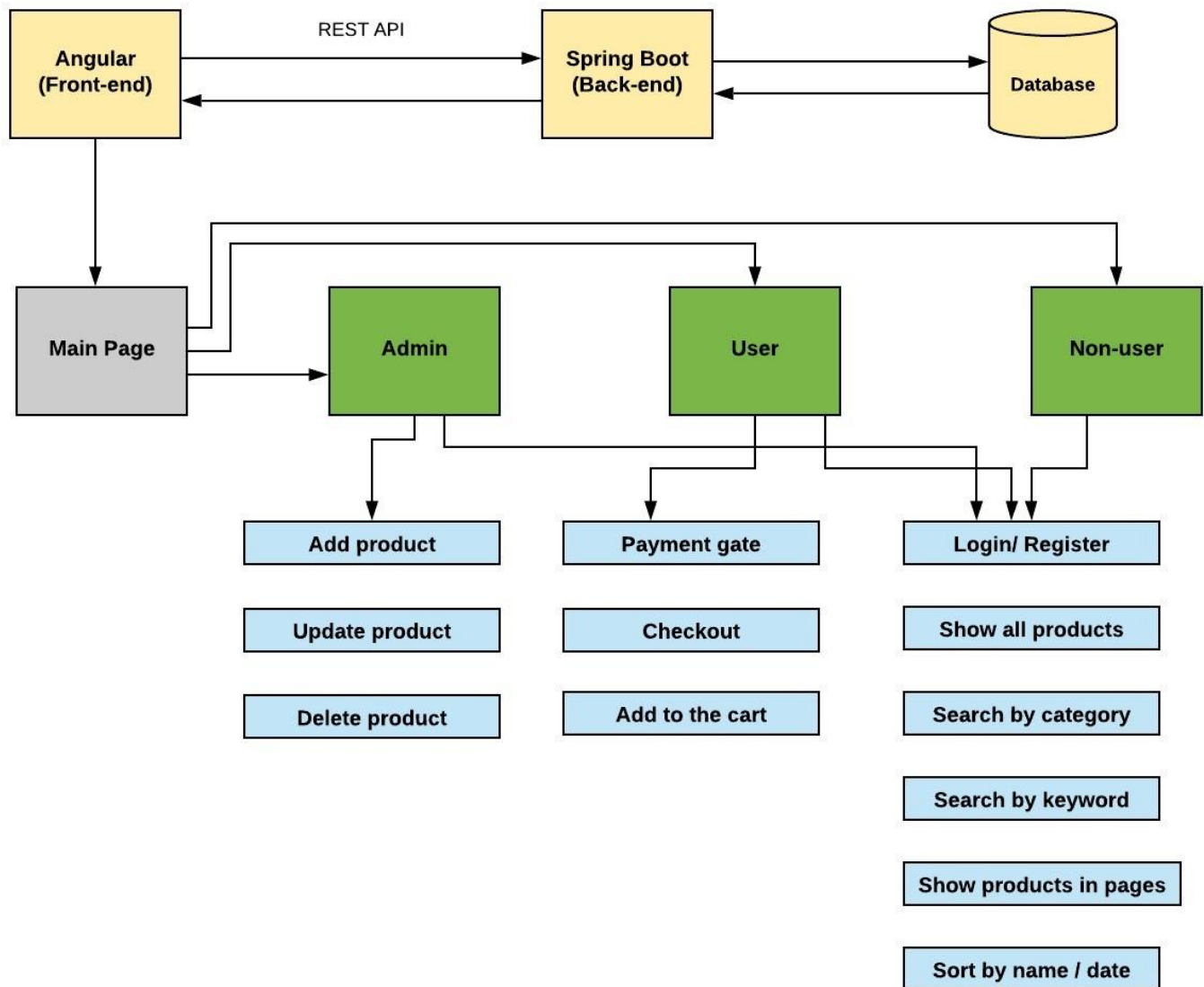
Database management: MySQL

Backend development: Java programming, Eclipse, Spring Boot

Frontend development: JSP, Angular, Bootstrap, HTML/CSS.

Output

1. Flow Chart of Application.



2. Deployment of application.

New EC2 Experience
Tell us what you think

EC2 Dashboard

Events

Tags

Limits

Instances

Instances New

Instance Types

Launch

Templates

Spot Requests

Savings Plans

Reserved Instances New

Dedicated Hosts

Capacity

Reservations

Instances (3) Info

Filter instances

Launch instances

	Name	Instance ID	Instance ...	Instanc...	Status check	Alarm st...	Availabilit...	Public IPv4
<input type="checkbox"/>	-	i-06ad77f007f99...	Stopped	t3.micro	-	No ala...	me-south-1a	-
<input type="checkbox"/>	Master	i-01cf01eb3c5e7...	Running	t3.medium	2/2 checks pa	No ala...	me-south-1a	ec2-15-185
<input type="checkbox"/>	Slave	i-0f1faf8730c3a8...	Running	t3.micro	2/2 checks pa	No ala...	me-south-1a	ec2-15-185

AWS EC2 instances

Select an instance above

Jenkins

search

admin

log out

Dashboard

SimpliLearn Project

Back to Dashboard

Status

Changes

Build Now

Configure

Delete Pipeline

Full Stage View

Rename

Pipeline Syntax

Pipeline SimpliLearn Project

jenkins pipeline project

Last Successful Artifacts
bundle.tar.gz 1.15 MB view

Recent Changes

add description

Disable Project

Stage View

	Cloning Git	Install dependencies	Build	Package Build	Artifacts Creation	Stash changes
Average stage times: (Average full run time: ~1min 12s)	1s	13s	38s	373ms	882ms	259ms
#27 Aug 27 12:19 No Changes	1s	5s	1min 2s	373ms	882ms	259ms
#26 Aug 27 12:12 No Changes	1s	4s	36s failed			
#25 Aug 27 No	1s	4s	39s			

Build History

find

#27 Aug 27, 2021 9:19 AM

#26 Aug 27, 2021 9:12 AM

#25 Aug 27, 2021 9:02 AM

#24 Aug 27, 2021 9:01 AM

Food Box

Search for products ...

Search

\$0.00 0

Login

Cuisines:
» All
» Arab
» Chinese
» Persian
» Indian
» Italian

Adas Polo

\$63.00

Add to cart

Braised Pork Balls in Gravy

\$61.00

Add to cart

Chelo ba Tahdig

\$63.00

Add to cart

Chicken Vindaloo Curry

\$63.00

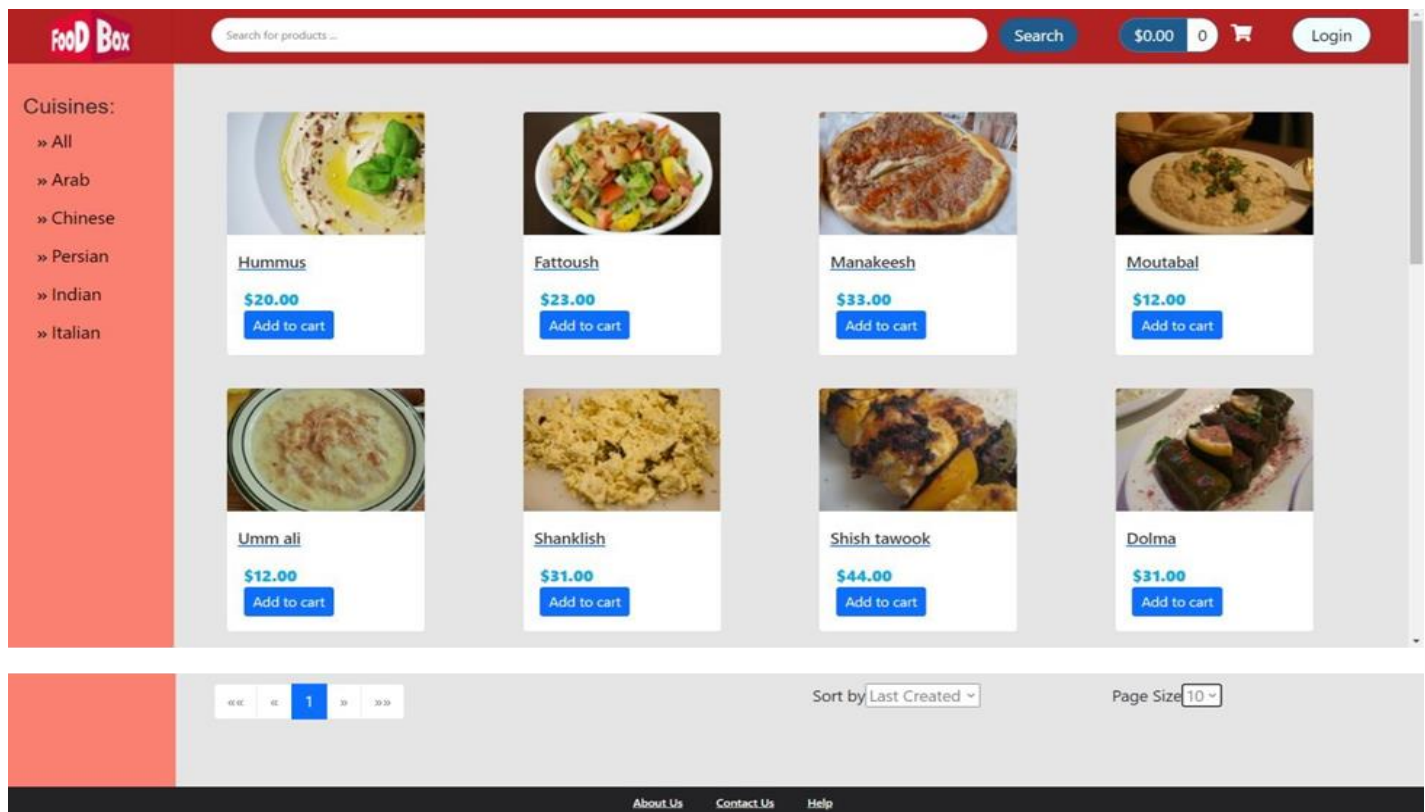
Add to cart

Chole

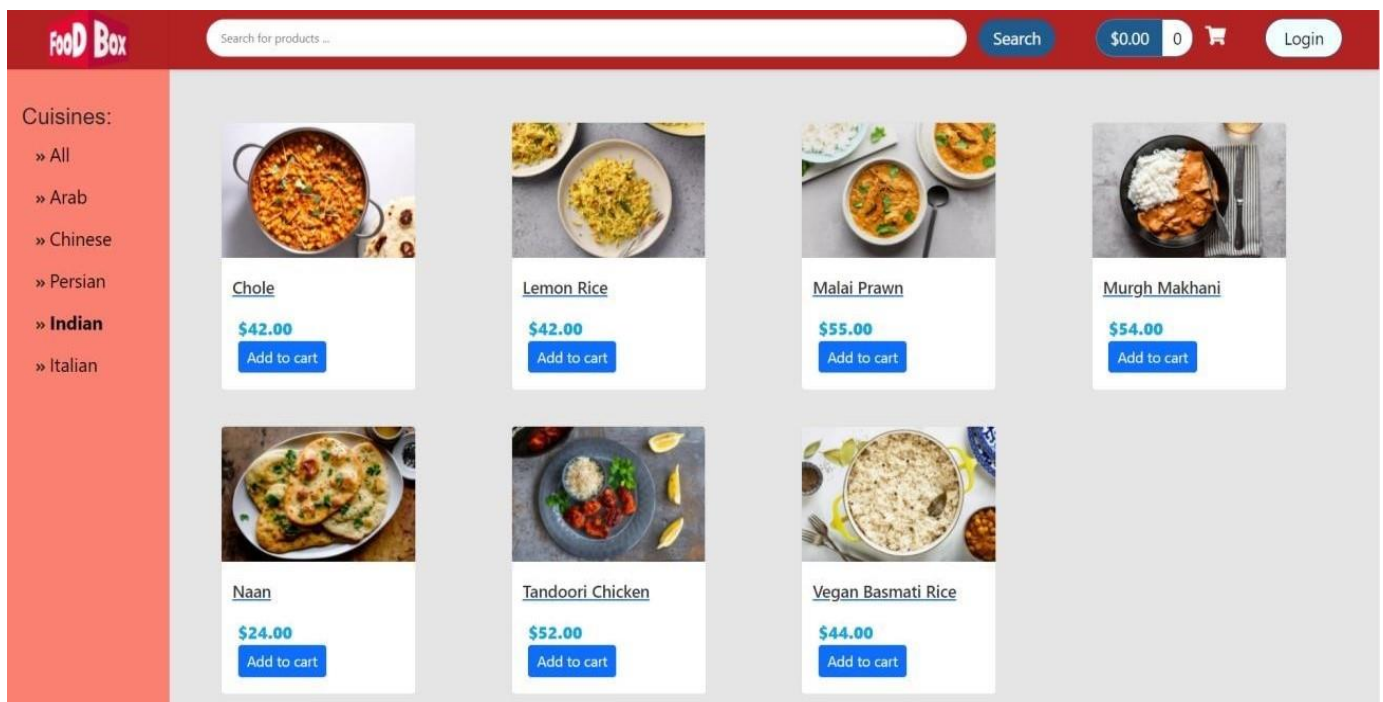
\$42.00

Add to cart

3. Running localhost:4200/user home url and Home page is opened.



4. All the products are shown in the website application.



Food Box

Search for products ...

Search

\$0.000

Login

Cuisines:

» All


» Arab

» Chinese

» Persian

» Indian


» Italian



Dolma

\$31.00


Add to cart



Fattoush

\$23.00


Add to cart



Hummus

\$20.00


Add to cart



Knafeh

\$31.00


Add to cart



Kofta

\$41.00


Add to cart



Manakeesh

\$33.00


Add to cart



Moutabal

\$12.00

Add to cart




Shanklish

\$31.00

Add to cart


5. Using filtering and sorting options.



Moutabal

\$12.00


Add to cart



Murgh Makhani

\$54.00


Add to cart



Naan

\$24.00

Add to cart



Ossobeco

\$73.00

Add to cart

««12»»

Sort byLast Created

Page Size20

««12»»

Sort byLast Created


Name

First Created

Last Created


Page Size20

6. Sorting by name.

 Search for products ... \$0.00 0


Cuisines:

- » All
- » Arab
- » Chinese
- » Persian
- » Indian
- » Italian




Adas Polo

\$63.00




Braised Pork Balls in Gravy

\$61.00




Chelo ba Tahdig

\$63.00




Chicken Vindaloo Curry

\$63.00




Chole

\$42.00




Chow Mein

\$28.00



Dolma

\$31.00




Fattoush

\$23.00

7. Sort By Page no.


Cuisines:

- » All
- » Arab
- » Chinese
- » Persian
- » Indian
- » Italian




Adas Polo

\$63.00




Braised Pork Balls in Gravy

\$61.00




Chelo ba Tahdig

\$63.00



Chicken Vindaloo Curry

\$63.00

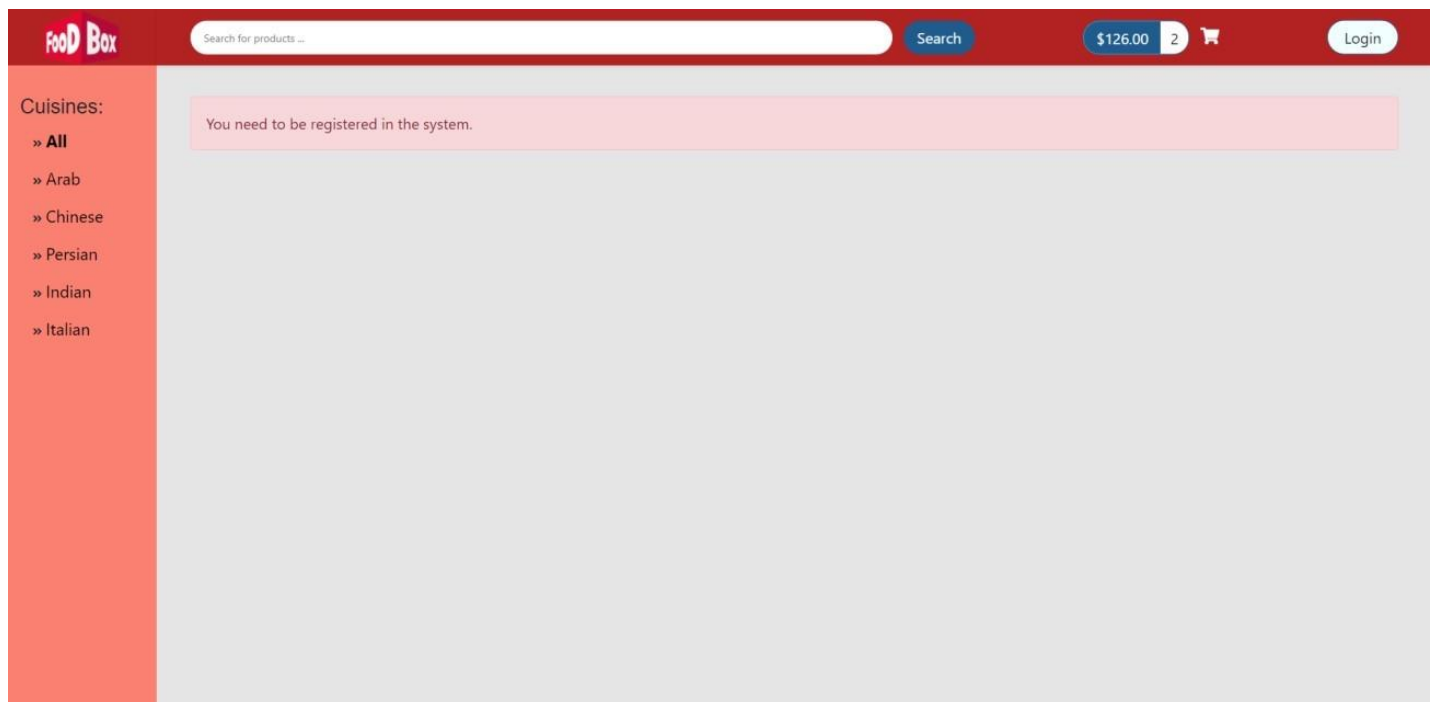
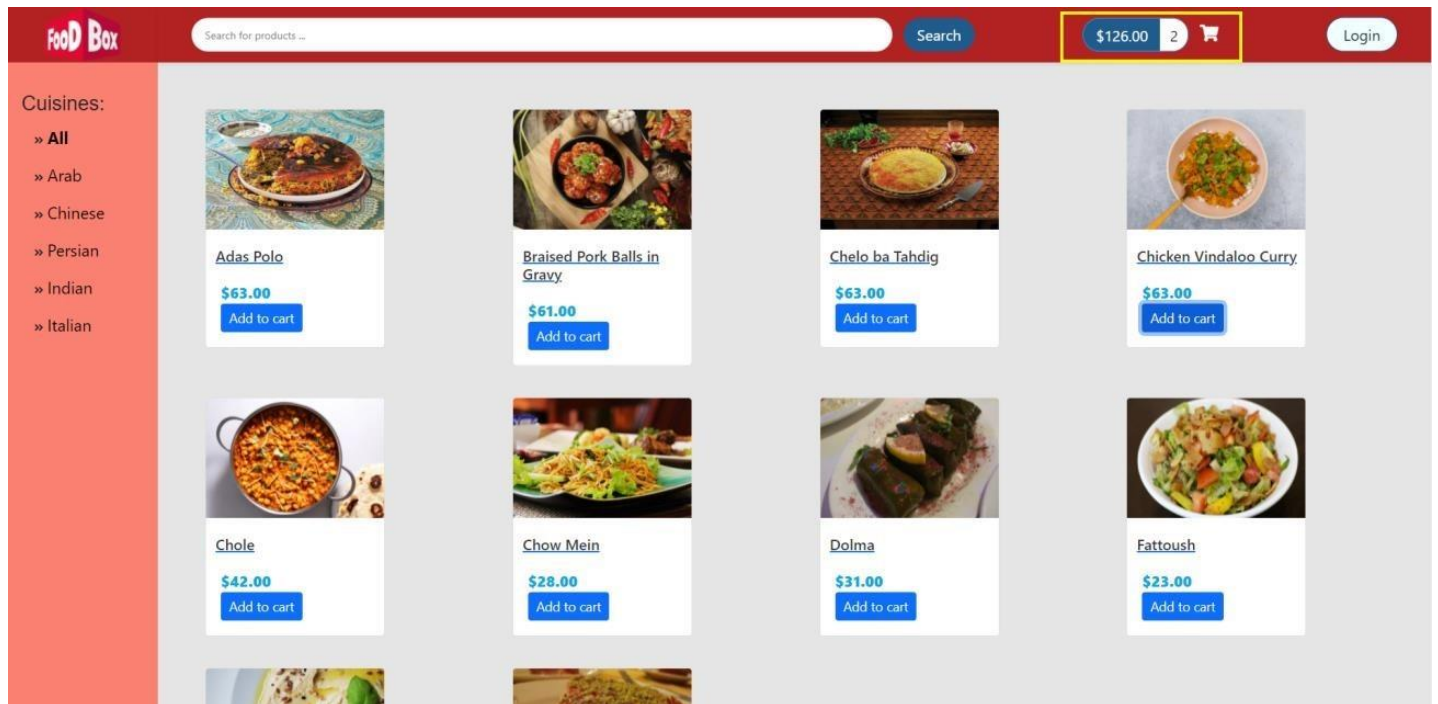


Chole

\$42.00

Sort by

8. Adding products to carts without login shows error.



9. Registering a new user

Food Box

Search for products ...

Search

\$0.00 0

Login

Cuisines:

» All

» Arab

» Chinese

» Persian

» Indian

» Italian

Register

Username

Email

Password

phone

Address

city

street

zipCode

Register

Food Box

Search for products ...

Search

\$0.00 0

Login

Cuisines:

» All

» Arab

» Chinese

» Persian

» Indian

» Italian

Register

Ahmed

ahmed@yahoo.com

....

966536173135

Address

Dahran

Al Dawhah Al Janubiyah, Dh.

34464

Register

10. Login of registered user

Food BoxSearch\$0.00 0Login

Cuisines:

- » All
- » Arab
- » Chinese
- » Persian
- » Indian
- » Italian

Log in


Log In

[Create an Account](#)


Food BoxSearch\$0.00 0Login

Cuisines:

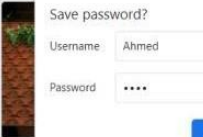
- » All
- » Arab
- » Chinese
- » Persian
- » Indian
- » Italian




Adas Polo
\$63.00
Add to cart




Braised Pork Balls in Gravy
\$61.00
Add to cart



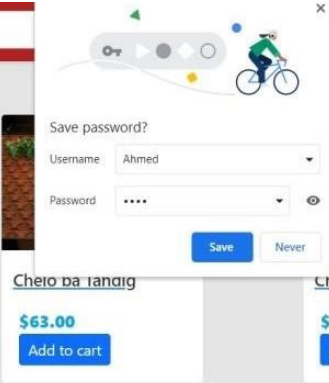
Chelo ba Tahdig
\$63.00
Add to cart



Chicken Vindaloo Curry
\$63.00
Add to cart



Chole
\$42.00
Add to cart




Save password?
Username: Ahmed
Password:
Save Never

Food BoxSearch\$0.00 0Logout


Cuisines:

- » All
- » Arab
- » Chinese
- » Persian
- » Indian
- » Italian


Welecome Ahmed.




Adas Polo
\$63.00
Add to cart




Braised Pork Balls in Gravy
\$61.00
Add to cart



Chelo ba Tahdig
\$63.00
Add to cart



Chicken Vindaloo Curry
\$63.00
Add to cart



Chole
\$42.00
Add to cart

11. Adding products to cart



Food Box

\$77.00

2

Cuisines:

- » All
- » Arab
- » Chinese
- » Persian
- » Indian
- » Italian

Product Image	Product Detail	
	Murgh Makhani	Quantity: <div><div>+</div><div>1</div><div>-</div></div> <div><input type="button" value="Remove"/></div>
	Fattoush	Quantity: <div><div>+</div><div>1</div><div>-</div></div> <div><input type="button" value="Remove"/></div>
		Total Quantity: 2
		Total Price: \$77.00
		<input type="button" value="Confirm"/>



Food Box

\$100.00

3

Cuisines:

- » All
- » Arab
- » Chinese
- » Persian
- » Indian
- » Italian

Product Image	Product Detail	
	Murgh Makhani	Quantity: <div><div>+</div><div>1</div><div>-</div></div> <div><input type="button" value="Remove"/></div>
	Fattoush	Quantity: <div><div>+</div><div>2</div><div>-</div></div> <div><input type="button" value="Remove"/></div>
		Total Quantity: 3
		Total Price: \$100.00
		<input type="button" value="Confirm"/>

12. Admin login.

Username: admin

Password: admin

Food BoxSearch\$0.00 0Login

Cuisines:

- » All
- » Arab
- » Chinese
- » Persian
- » Indian
- » Italian

Log in

Log in
[Create an Account](#)


Food BoxSearch\$0.00 0Logout

Cuisines:


- » All
- » Arab
- » Chinese
- » Persian
- » Indian
- » Italian

Add Product


Welecome admin.




Adas Polo
\$63.00
Edit Remove




Braised Pork Balls in Gravy
\$61.00
Edit Remove



Chelo ba Tahdig
\$63.00
Edit Remove



Chicken Vindaloo Curry
\$63.00
Edit Remove



Chole
\$63.00

13. Admin can add products to application

Food Box

\$0.00

0

Logout

Cuisines:

- » All
- » Arab
- » Chinese
- » Persian
- » Indian
- » Italian

Add Product

Add a New Product

Name:

Test

Description:

test

Price:

33

Image URL:

https://lscs.academyofmine.com/wp-content/uploads/2017/06/

Cuisine:

Italian

Add

Food Box

\$0.00

0


Logout

Cuisines:

- » All
- » Arab
- » Chinese
- » Persian
- » Indian
- » Italian

Add Product


Welcome admin.



Chicken Vindaloo Curry

\$63.00


EditRemove



Lasagna

\$86.00


EditRemove



Ossobuco

\$73.00


EditRemove



Pizza

\$25.00


EditRemove



Polpette

\$63.00

EditRemove



Test

\$33.00

EditRemove

14. Admin can change price of product.

Food Box

\$0.00

0

Cuisines:

» All

» Arab

» Chinese

» Persian

» Indian

» Italian

Update Product

Name:

Description:

Price:

Image URL:

Cuisine:

Food Box

\$0.00

0

Welcome admin.

Cuisines:

» All


» Arab

» Chinese

» Persian


» Indian

» Italian




Chicken Vindaloo Curry

\$63.00




Lasagna

\$86.00




Ossobuco

\$73.00




Pizza

\$25.00



Polpetta

\$63.00



Test-new

\$111.00

Links to the GitHub repository to verify the project completion

For source code please use GitHub link.

https://github.com/Svsai97/Project_Foodbox_JobReadiness.git