Capstone PROJECT
https://github.com/sumitghoshjuno/Capstone_Pro_FoodBox_Simplilearn

FOOD BOX

Name:-Sumit Ghosh.

The code for this project github at :
https://github.com/sumitghoshjuno/Capstone_Pro_FoodBox_Simplilearn.git

- **This document contains sections for:**
  - Project Description ⭘ Core concepts used in project ⭘ Flow of the Application.
  - Project Users Stories : (Agile and Scrum)
  - Git Repositories
  - How to run project
  - Demonstrating the product capabilities, appearance, and user interactions.
  - Unique Selling Points of the Application ⭘ Conclusions

Project Description:

DESCRIPTION

Create a dynamic and responsive online food delivery web application for ordering food items of different cuisines from a restaurant.

Background of the problem statement:
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.

- Registration
- Login
- Payment gateway
- Searching
- Filtering
- Sorting
- Dynamic data
- Responsive and compatible with different devices

Core concepts used in the project:

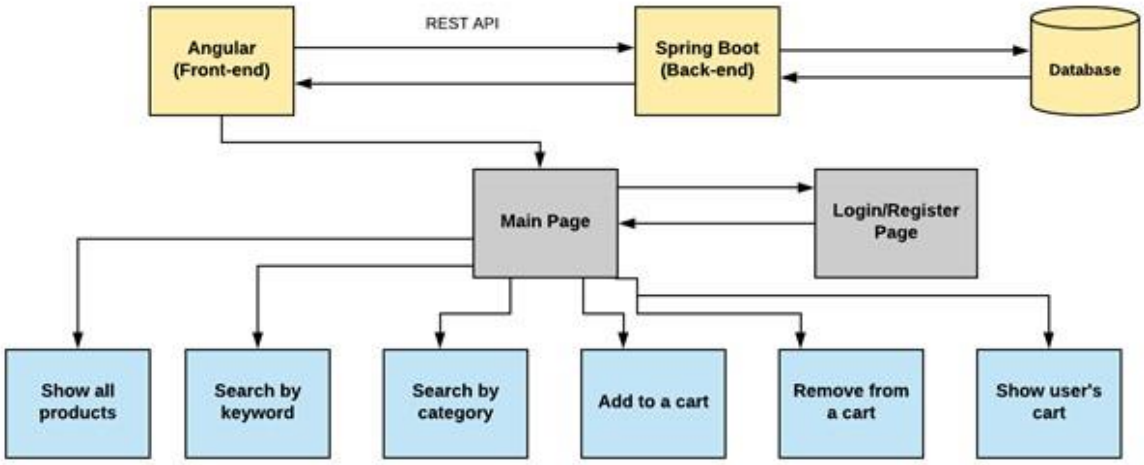
- VS Code
- Intellije idea
- TypeScript
- HTML
- CSS
- BootStrap

TECHNOLOGIES AND TOOLS USED:

Spring MVC: to build web applications as it follows the Model-View-Controller design pattern.

- Java Script: to handle the presentation view more beautiful.
- Visual Studio & Intellij idea to Write the code .
- CSS: to format the contents.
- HTML: To make a Structure to websites

Architecture diagram / flow chart



Project Users Stories : (Agile and Scrum)

The project is planned to be completed in 3 sprints. Tasks assumed to be completed in the sprint are:

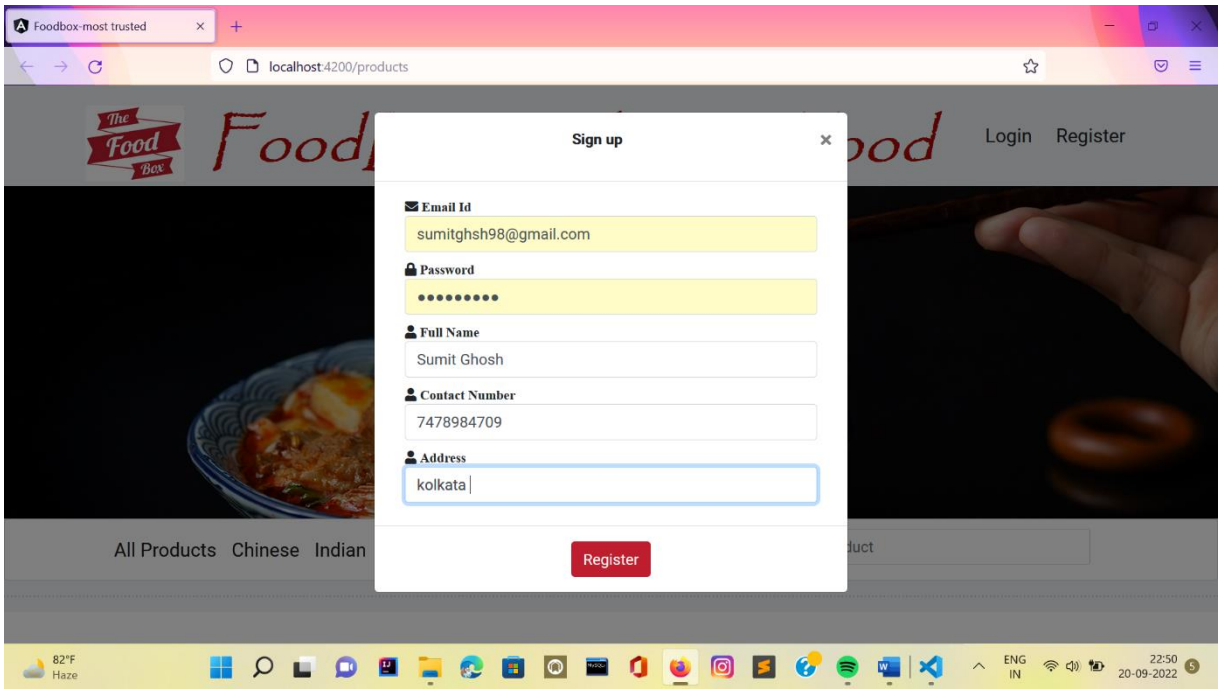
- Creating the flow of the application
- Initializing git repository to track changes as development progresses.
- Writing the Java program to fulfill the requirements of the project. Testing the Java program with different kinds of User input Pushing code to GitHub.

The goal of the company is to deliver a high-end quality product as early as possible.

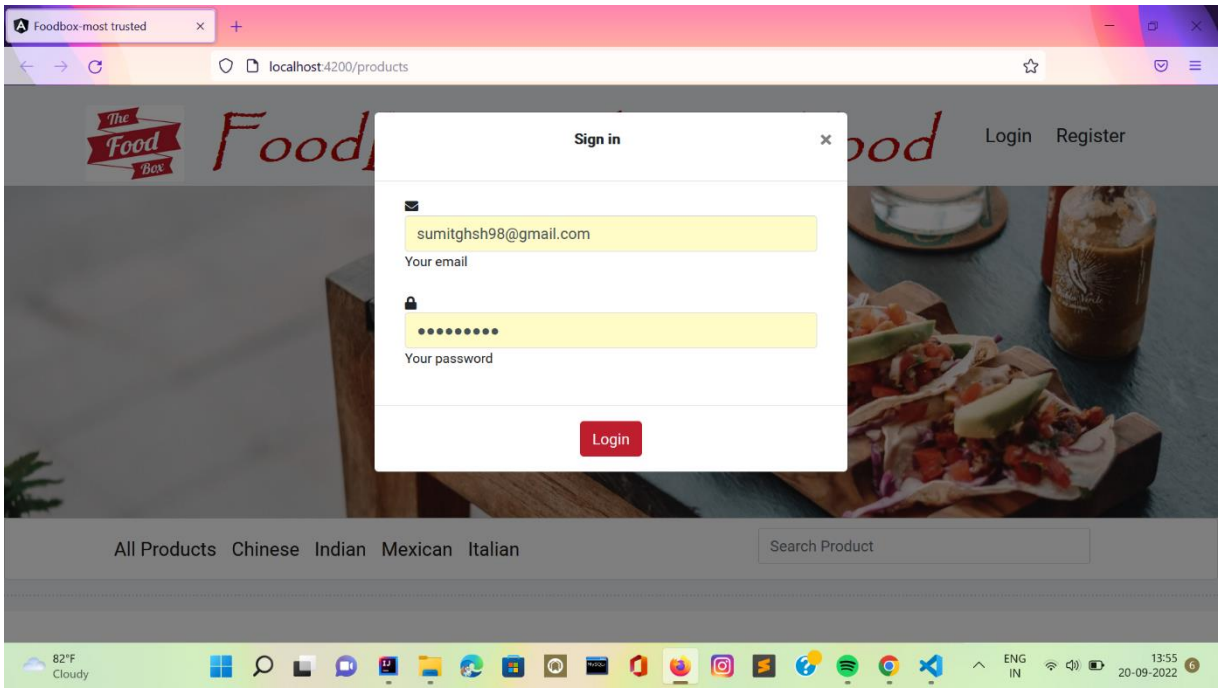
3. Screen shot :

Outputs:

Registration Page

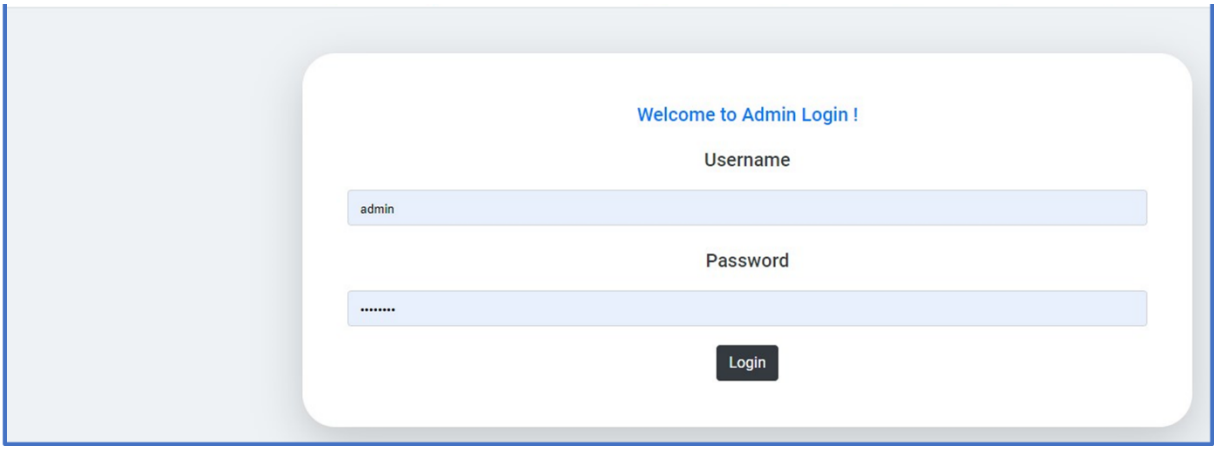


Login Page



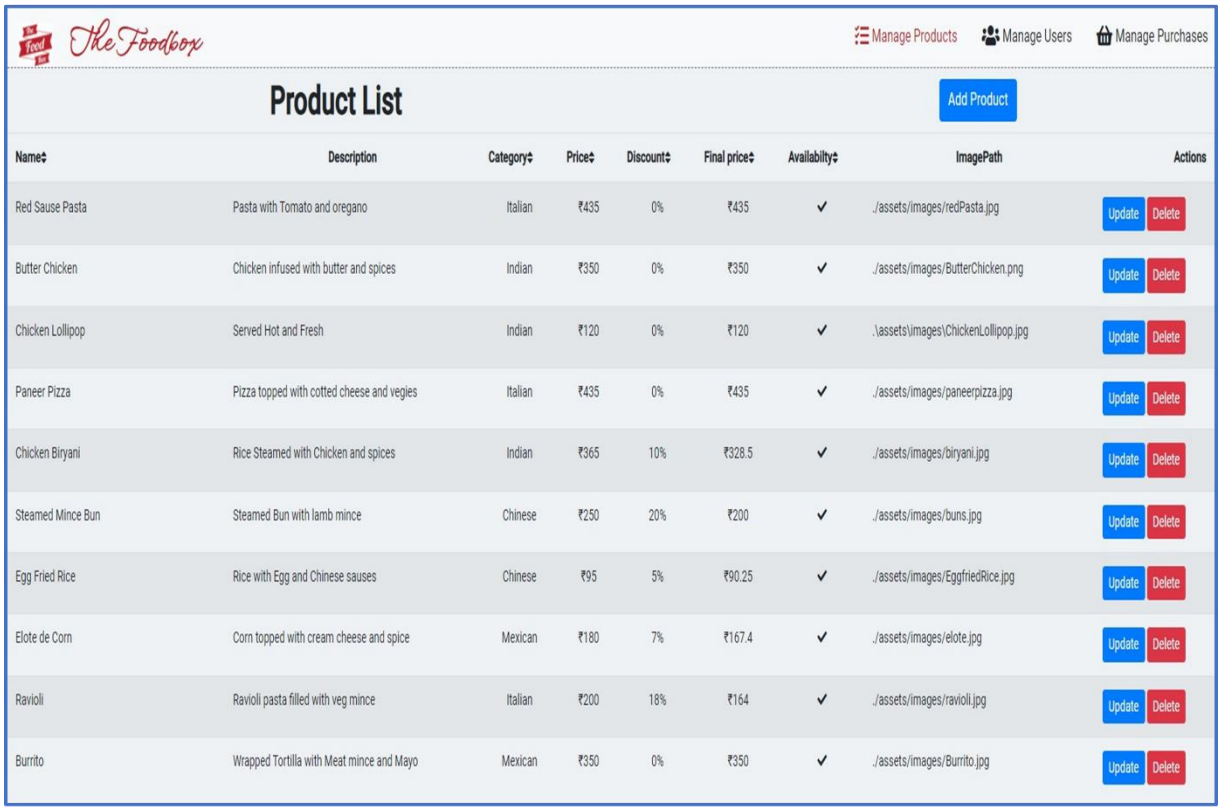
Add Cart Page

Admin Login Page

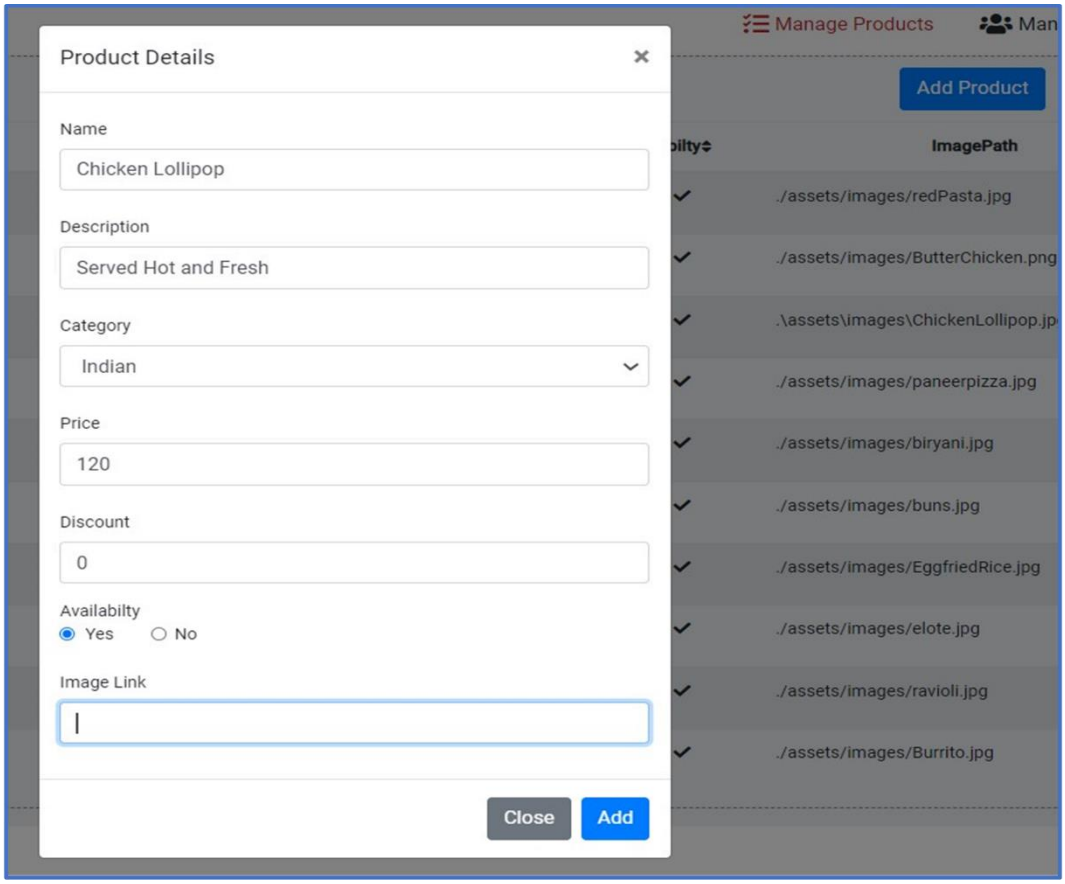


ProductList Page

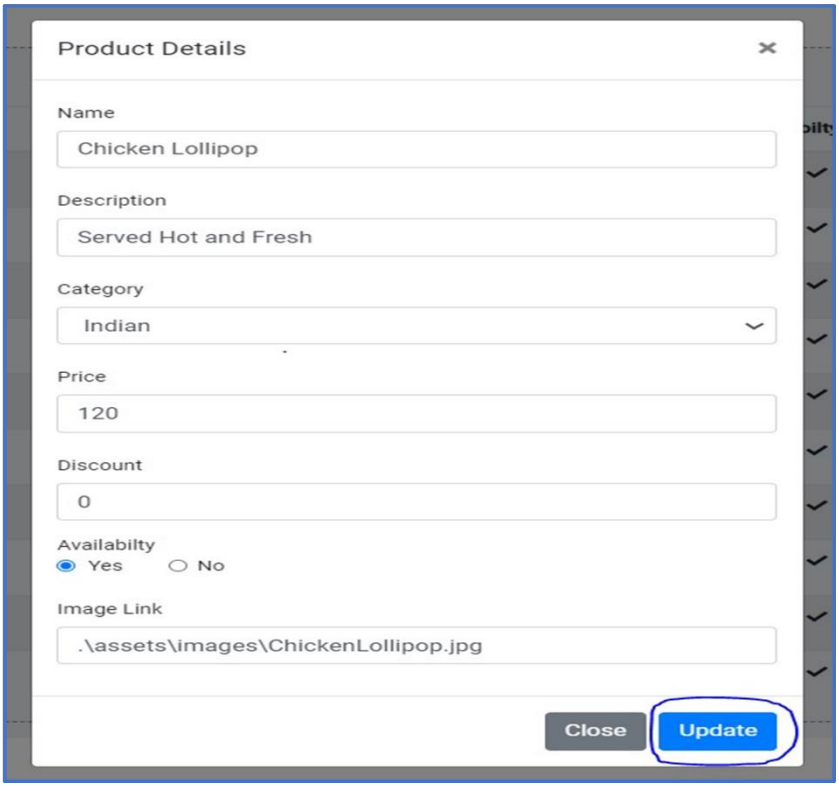
Manage Products:



Add product and Update product Page

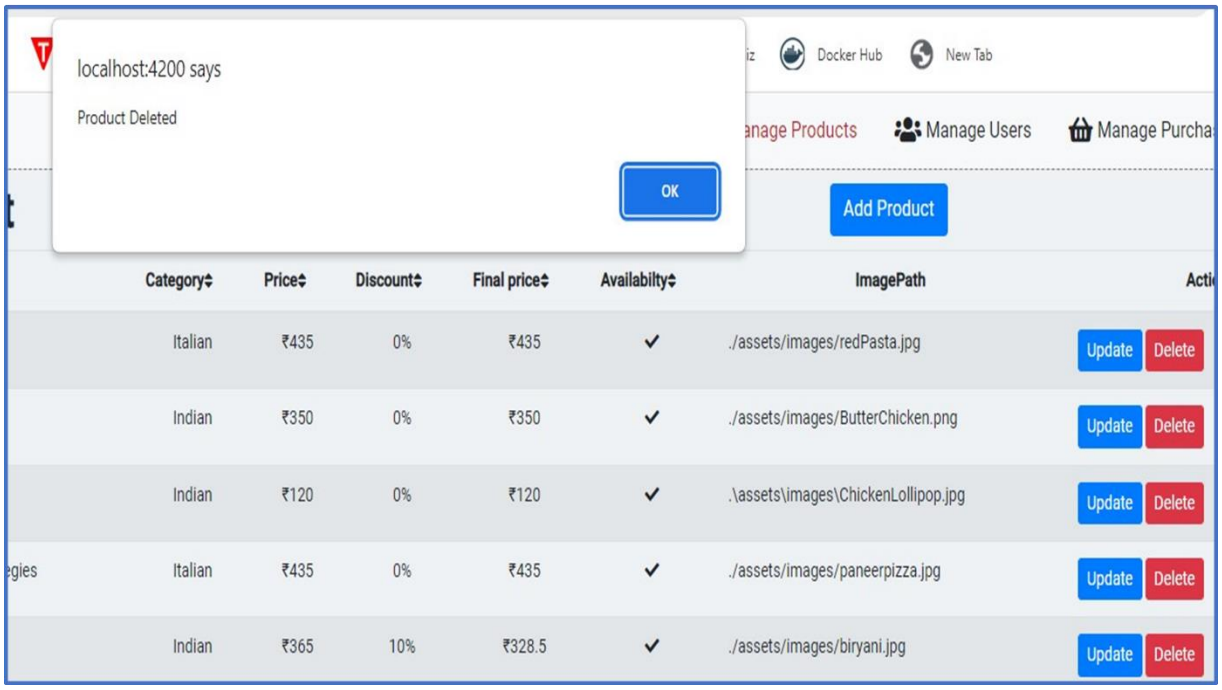


Update Product:

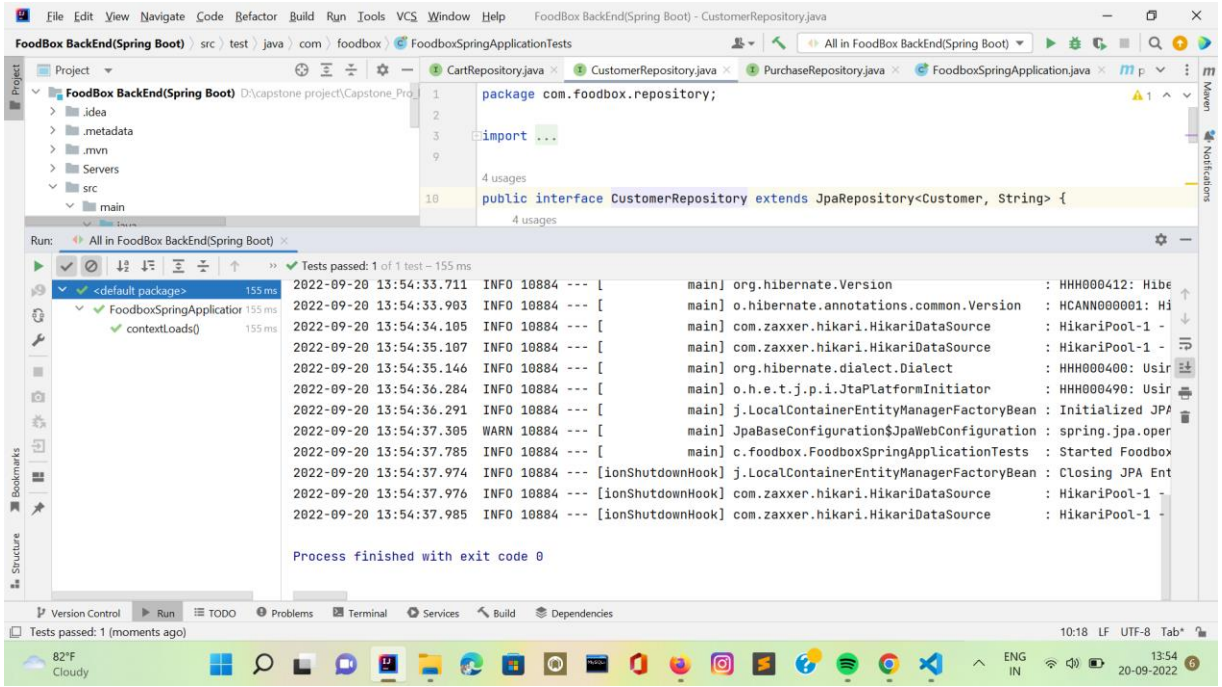


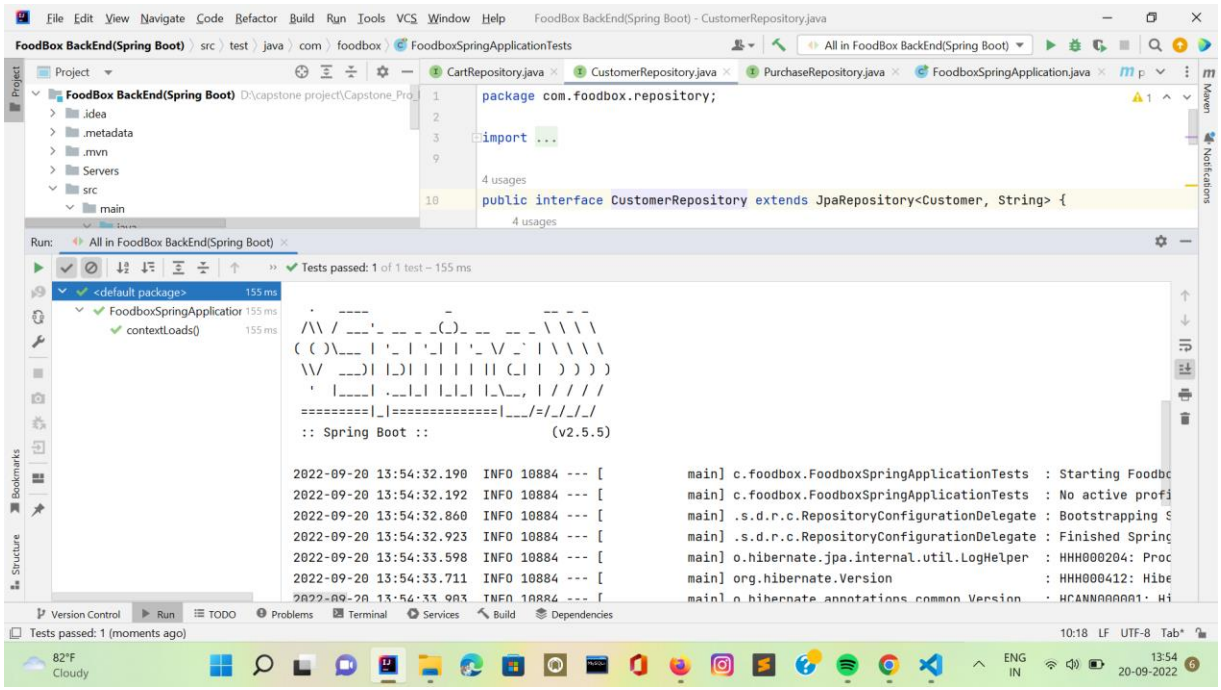
Delete Page

Product deleted successfully.....

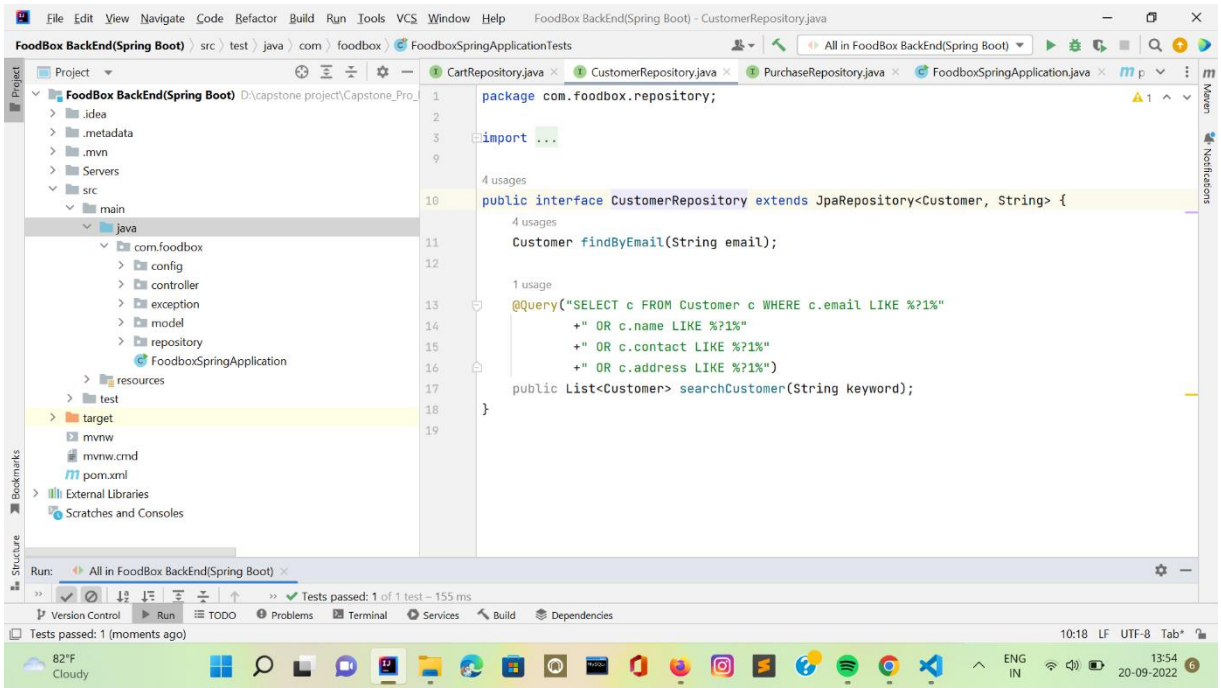


Source Code Run Intellije Idea backend springBoot




File Edit View Navigate Code Refactor Build Run Tools VCS Window Help
FoodBox BackEnd(Spring Boot) - CustomerRepository.java
FoodBox BackEnd(Spring Boot) src test java com foodbox FoodboxSpringApplicationTests
All in FoodBox BackEnd(Spring Boot)
Project
FoodBox BackEnd(Spring Boot) D:\capstone project\Capstone_Pro
.idea
.metadata
.mvn
Servers
src
main
CartRepository.java
CustomerRepository.java
PurchaseRepository.java
FoodboxSpringApplication.java
package com.foodbox.repository;
import ...
4 usages
public interface CustomerRepository extends JpaRepository<Customer, String> {
4 usages
Run:
All in FoodBox BackEnd(Spring Boot)
Tests passed: 1 of 1 test – 155 ms
<default package> 155 ms
FoodboxSpringApplicatior 155 ms
contextLoads() 155 ms
:: Spring Boot :: (v2.5.5)
2022-09-20 13:54:32.190 INFO 10884 --- [main] c.foodbox.FoodboxSpringApplicationTests : Starting Foodbo
2022-09-20 13:54:32.192 INFO 10884 --- [main] c.foodbox.FoodboxSpringApplicationTests : No active profi
2022-09-20 13:54:32.860 INFO 10884 --- [main] .s.d.r.c.RepositoryConfigurationDelegate : Bootstrapping S
2022-09-20 13:54:32.923 INFO 10884 --- [main] .s.d.r.c.RepositoryConfigurationDelegate : Finished Spring
2022-09-20 13:54:33.598 INFO 10884 --- [main] o.hibernate.jpa.internal.util.LogHelper : HHH000204: Proc
2022-09-20 13:54:33.711 INFO 10884 --- [main] org.hibernate.Version : HHH000412: Hibe
Version Control
Run
TODO
Problems
Terminal
Services
Build
Dependencies
Tests passed: 1 (moments ago)
10:18 LF UTF-8 Tab*
82°F Cloudy
ENG IN
13:54 20-09-2022

Source-Code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FoodBox BackEnd(Spring Boot) - CustomerRepository.java
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All in FoodBox BackEnd(Spring Boot)
Project
FoodBox BackEnd(Spring Boot) D:\capstone project\Capstone_Pro
.idea
.metadata
.mvn
Servers
src
main
java
com.foodbox
config
controller
exception
model
repository
FoodboxSpringApplication
resources
test
target
mvnw
mvnw.cmd
pom.xml
External Libraries
Scratches and Consoles
CartRepository.java
CustomerRepository.java
PurchaseRepository.java
FoodboxSpringApplication.java
package com.foodbox.repository;
import ...
4 usages
public interface CustomerRepository extends JpaRepository<Customer, String> {
4 usages
Customer findByEmail(String email);
1 usage
@Query("SELECT c FROM Customer c WHERE c.email LIKE %?1%"
+" OR c.name LIKE %?1%"
+" OR c.contact LIKE %?1%"
+" OR c.address LIKE %?1%")
public List<Customer> searchCustomer(String keyword);
}
Run:
All in FoodBox BackEnd(Spring Boot)
Tests passed: 1 of 1 test – 155 ms
Version Control
Run
TODO
Problems
Terminal
Services
Build
Dependencies
Tests passed: 1 (moments ago)
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82°F Cloudy
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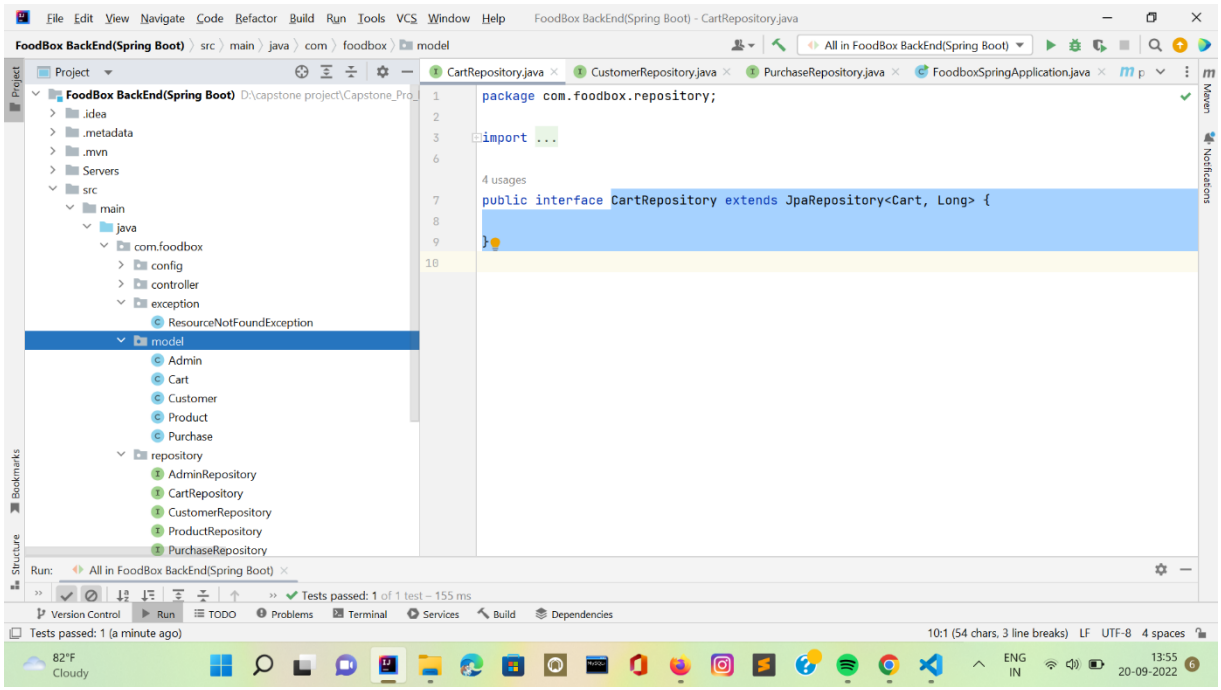
File Edit View Navigate Code Refactor Build Run Tools VCS Window Help
FoodBox BackEnd(Spring Boot) - CartRepository.java
FoodBox BackEnd(Spring Boot) src main java com foodbox model
All in FoodBox BackEnd(Spring Boot)
Project
FoodBox BackEnd(Spring Boot) D:\capstone project\Capstone_Pro
.idea
.metadata
.mvn
Servers
src
main
java
com.foodbox
config
controller
exception
ResourceNotFoundException
model
Admin
Cart
Customer
Product
Purchase
repository
AdminRepository
CartRepository
CustomerRepository
ProductRepository
PurchaseRepository
CartRepository.java
CustomerRepository.java
PurchaseRepository.java
FoodboxSpringApplication.java
1 package com.foodbox.repository;
3 import ...
4 usages
7 public interface CartRepository extends JpaRepository<Cart, Long> {
9 }
Run: All in FoodBox BackEnd(Spring Boot)
Tests passed: 1 of 1 test – 155 ms
Version Control Run TODO Problems Terminal Services Build Dependencies
Tests passed: 1 (a minute ago)
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ENG IN
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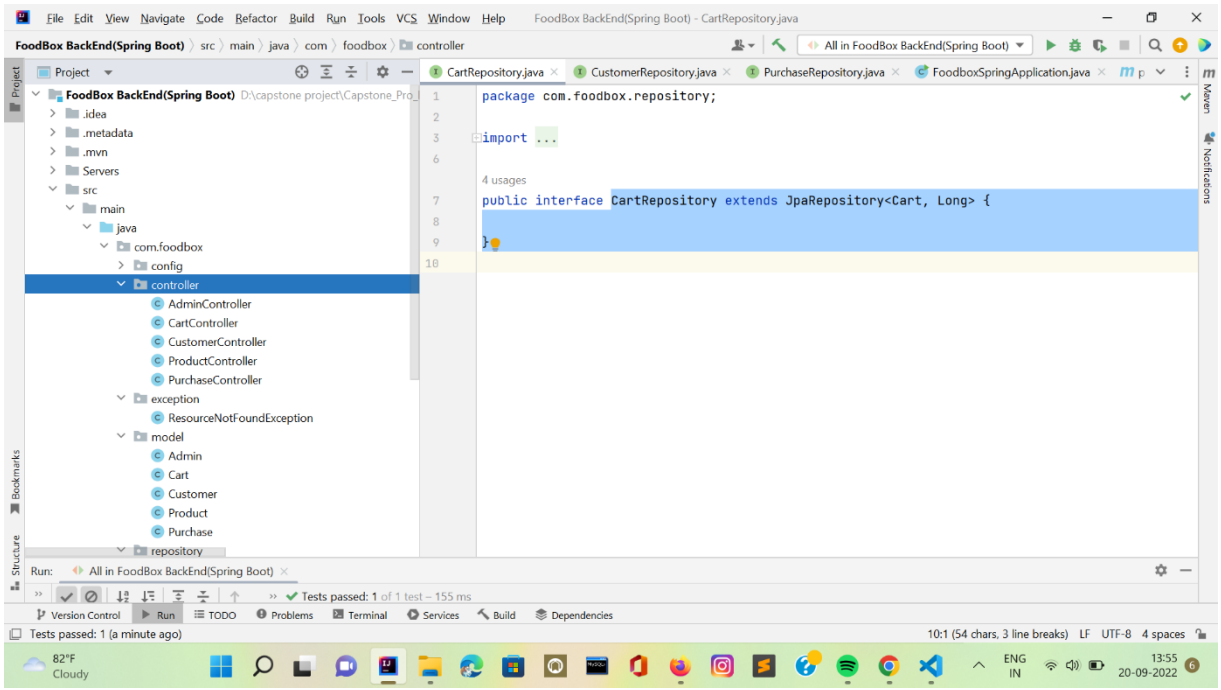
File Edit View Navigate Code Refactor Build Run Tools VCS Window Help
FoodBox BackEnd(Spring Boot) - CartRepository.java
FoodBox BackEnd(Spring Boot) src main java com foodbox controller
All in FoodBox BackEnd(Spring Boot)
Project
FoodBox BackEnd(Spring Boot) D:\capstone project\Capstone_Pro
.idea
.metadata
.mvn
Servers
src
main
java
com.foodbox
config
controller
AdminController
CartController
CustomerController
ProductController
PurchaseController
exception
ResourceNotFoundException
model
Admin
Cart
Customer
Product
Purchase
repository
CartRepository.java
CustomerRepository.java
PurchaseRepository.java
FoodboxSpringApplication.java
1 package com.foodbox.repository;
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Run: All in FoodBox BackEnd(Spring Boot)
Tests passed: 1 of 1 test – 155 ms
Version Control Run TODO Problems Terminal Services Build Dependencies
Tests passed: 1 (a minute ago)
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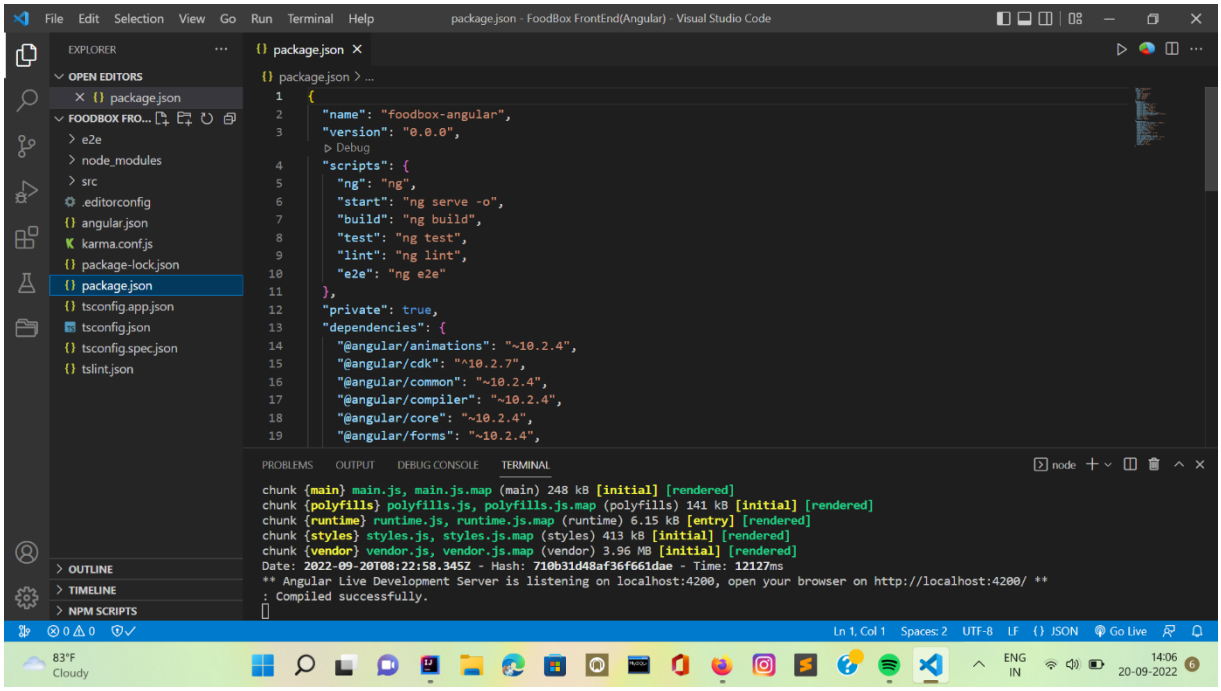
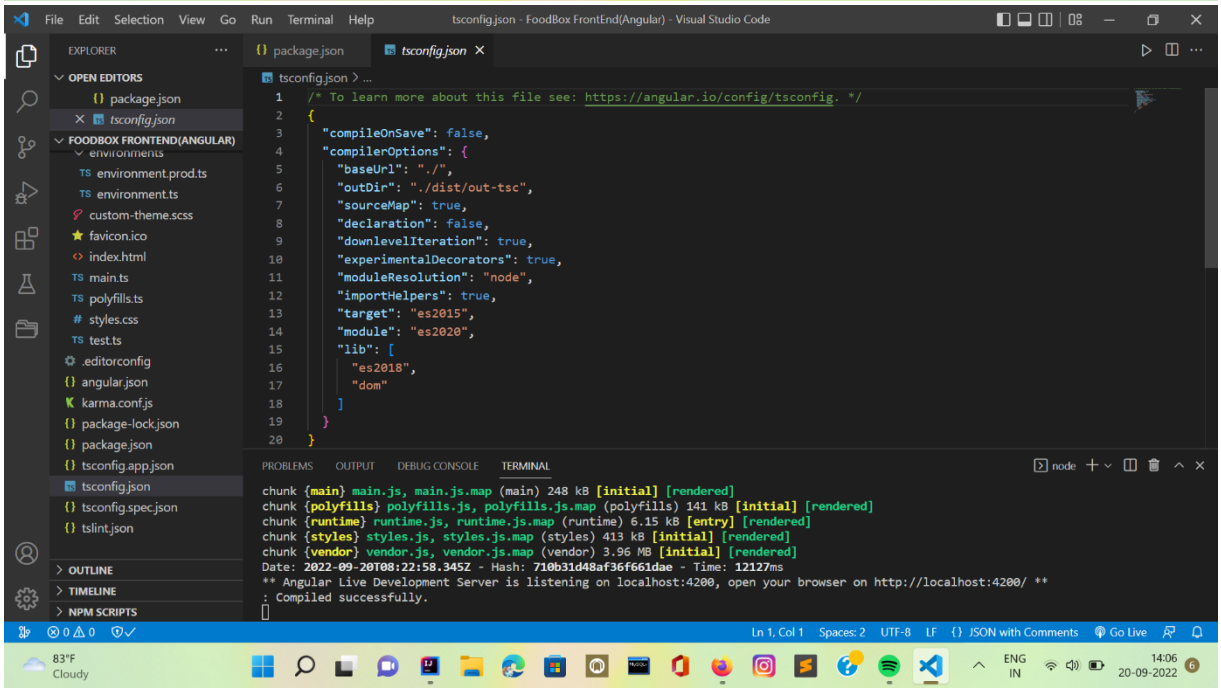
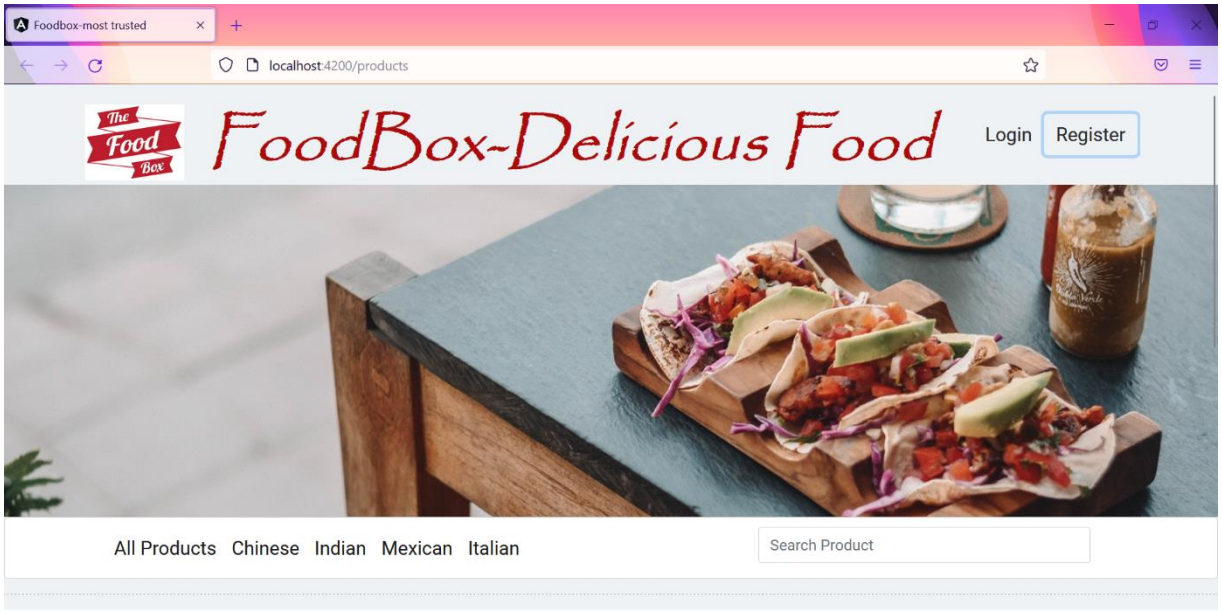
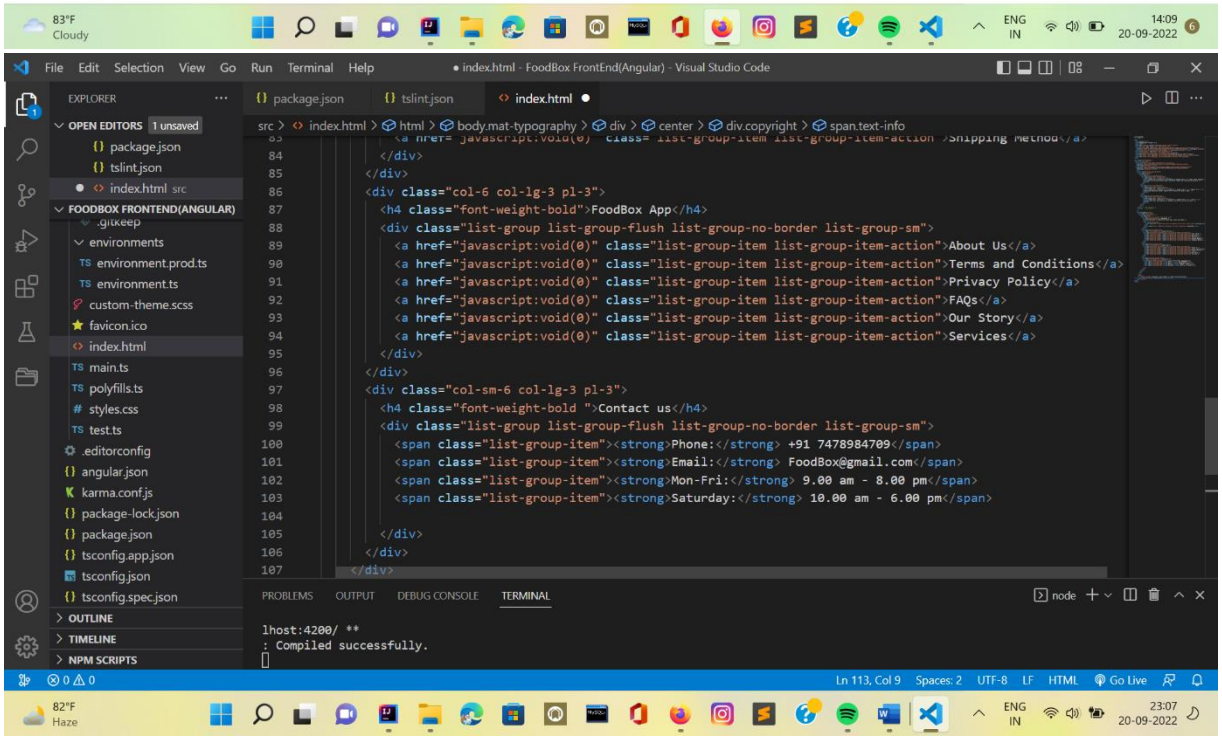
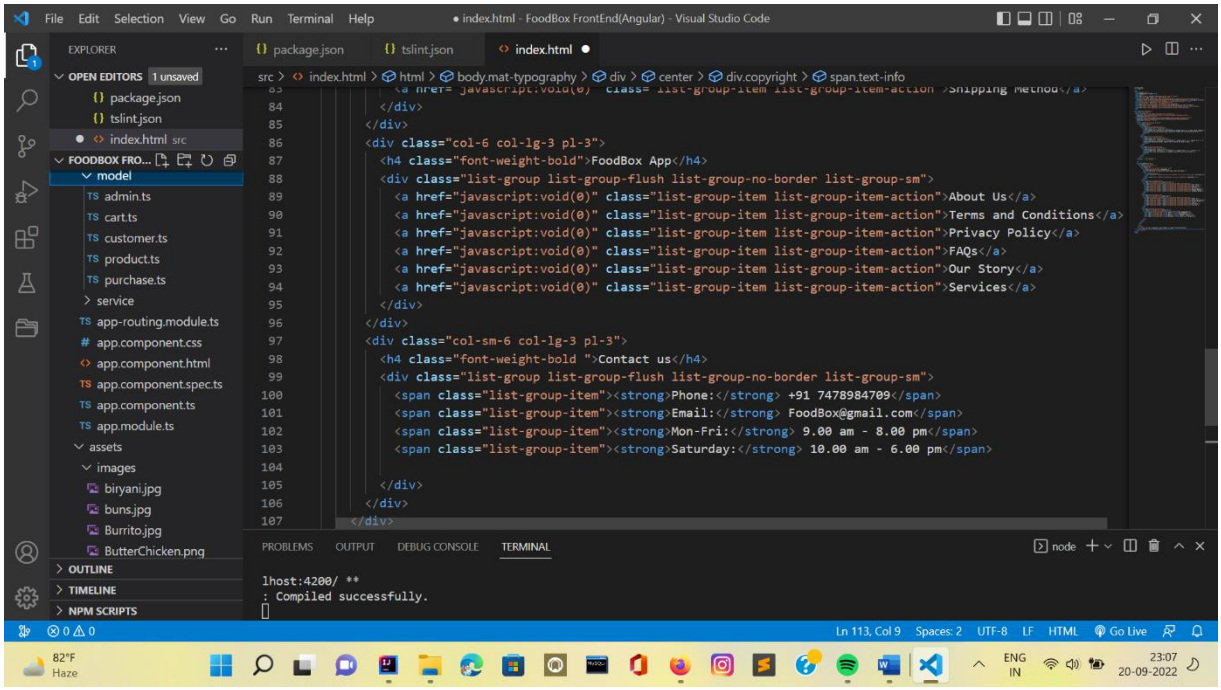
Frontend Angular Source code run pckg Json



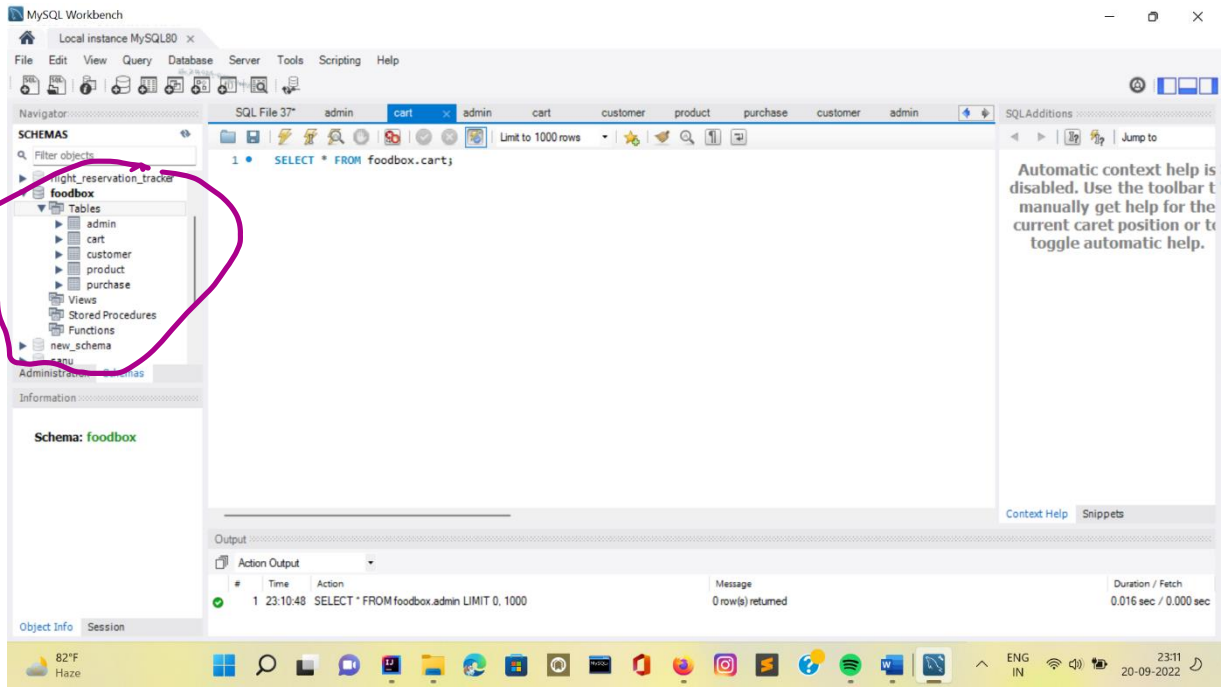


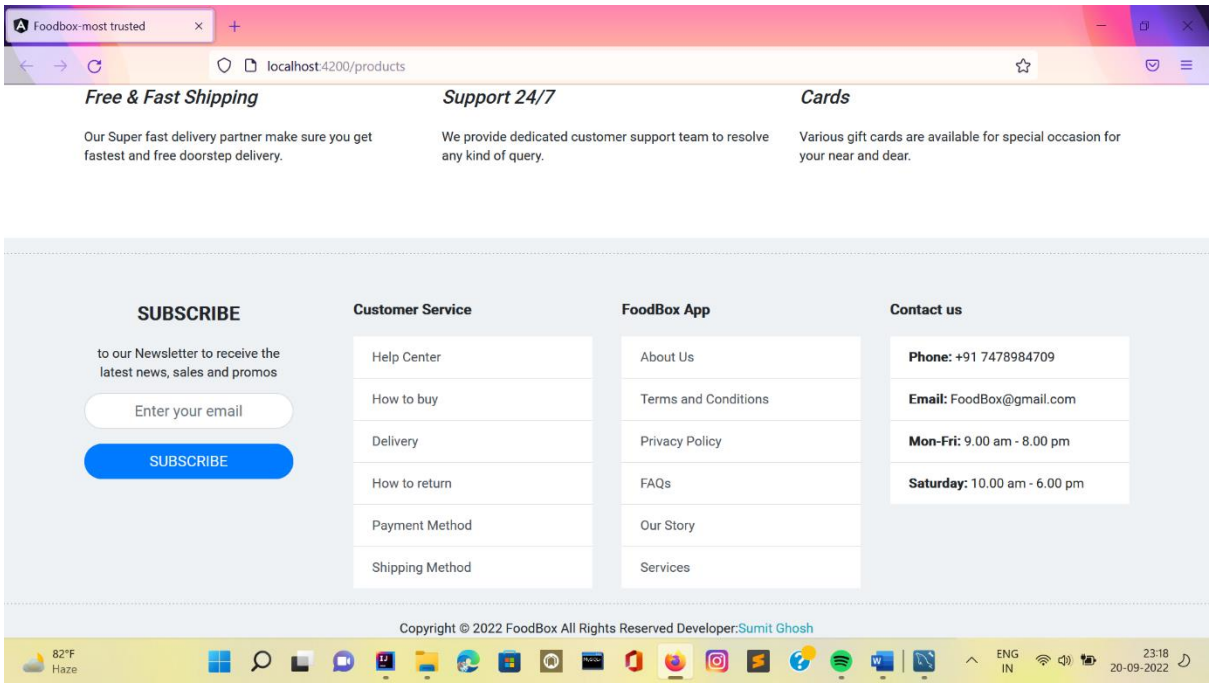

Foodbox-most trusted
localhost:4200/products
FoodBox-Delicious Food
Login
Register
All Products
Chinese
Indian
Mexican
Italian
Search Product


File Edit Selection View Go Run Terminal Help
• index.html - FoodBox FrontEnd(Angular) - Visual Studio Code
EXPLORER
OPEN EDITORS 1 unsaved
FOODBOX FRONTEND(ANGULAR)
package.json
tslint.json
index.html
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
lhost:4200/ **
: Compiled successfully.



Database Mysql workbench 8.0E





Unique Selling Points of the Application

- Scheduled kitchen products for users can be maintained easily.
- The data of the users and products can be edited easily.
- High security for the data as the admin only can access the data.
- Searching for any data about users is made easy

Conclusions

In the program an application has been developed with a duration of three spirits. This application makes handling the data of the FoodBox items. All the data about the FoodBox products, user's purchase details and their schedule are maintained. The admin can login through a User ID and password and manipulated the data.

Submit by:-Sumit Ghosh .

Date:-20.09.2022

-:Thank You:-