#### Pom.xml

```
m foodbox/pom.xml ♡
 1 k?xml version="1.0" encoding="UTF-8"?>
 xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 https://maven.apache.org/xsd/maven-4.0.0.xsd">
 4
       <modelVersion>4.0.0</modelVersion>
 50
       <parent>
           <groupId>org.springframework.boot</groupId>
 6
 7
           <artifactId>spring-boot-starter-parent</artifactId>
 8
          <version>2.5.5</version>
 9
           <relativePath/> <!-- lookup parent from repository -->
10
       </parent>
       <groupId>com
11
12
       <artifactId>foodbox</artifactId>
13
       <version>0.0.1-SNAPSHOT</version>
14
       <name>Foodbox-Spring</name>
15
       <description>Capstone project for simplilearn</description>
160
       properties>
17
           <java.version>1.8</java.version>
18
       </properties>
199
       <dependencies>
20⊖
           <dependency>
21
               <groupId>org.springframework.boot</groupId>
22
               <artifactId>spring-boot-starter-data-jpa</artifactId>
23
           </dependency>
240
           <dependency>
               <groupId>org.springframework.boot
25
26
               <artifactId>spring-boot-starter-web</artifactId>
27
           </dependency>
290
           <dependency>
30
               <groupId>org.springframework.boot</groupId>
               <artifactId>spring-boot-devtools</artifactId>
31
32
               <scope>runtime</scope>
33
               <optional>true</optional>
           </dependency>
34
35⊕
           <dependency>
36
               <groupId>mysql</groupId>
37
               <artifactId>mysql-connector-java</artifactId>
38
               <scope>runtime</scope>
39
           </dependency>
400
           <dependency>
41
               <groupId>org.springframework.boot</groupId>
42
               <artifactId>spring-boot-starter-test</artifactId>
43
               <scope>test</scope>
44
           </dependency>
45
       </dependencies>
46
47⊕
       <build>
48⊖
           <plugins>
49⊕
50
                   <groupId>org.springframework.boot</groupId>
51
                   <artifactId>spring-boot-maven-plugin</artifactId>
52
               </plugin>
53
           </plugins>
54
       </build>
56 </project>
```

## FoodSpringApplication.Java

```
package com.foodbox;

import org.springframework.boot.SpringApplication;
@SpringBootApplication
public class FoodboxSpringApplication {

public static void main(String[] args) {
    SpringApplication.run(FoodboxSpringApplication.class, args);
}

}
```

#### FoodboxSpringApplicationTests.Java

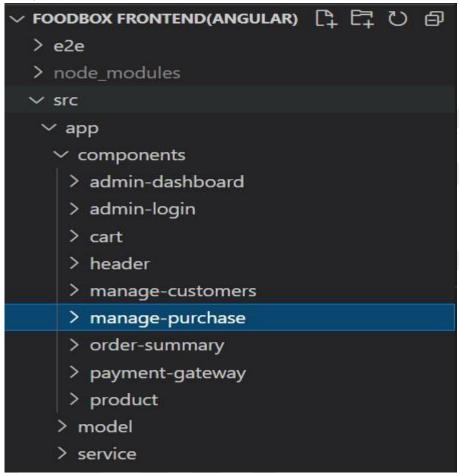
## **Spring Output:**

```
[INFO] Scanning for projects...
[INFO]
[INFO] -------
[INFO] Building Foodbox-Spring 0.0.1-SNAPSHOT
[INFO] ------[ jar ]------
[INFO]
[INFO] --- maven-clean-plugin:3.1.0:clean (default-clean) @ foodbox ---
 [INFO] Deleting C:\Users\Lenovo\Downloads\Foodbox-Capstone-master\foodbox-Spring\target
[INFO] --- maven-resources-plugin:3,2.0:resources (default-resources) @ foodbox ---
[INFO] Using 'UTF-8' encoding to copy filtered resources.
[INFO] Using 'UTF-8' encoding to copy filtered properties files.
[INFO] Copying 1 resource
[INFO] Copying 0 resource
[INFO]
[INFO] --- maven-compiler-plugin:3.8.1:compile (default-compile) @ foodbox ---
[INFO] Changes detected - recompiling the module!
[INFO] Compiling 18 source files to C:\Users\Lenovo\Downloads\Foodbox-Capstone-master\foodbox-Spring\target\classes
[INFO] --- maven-resources-plugin:3.2.0:testResources (default-testResources) @ foodbox ---
[INFO] Using 'UTF-8' encoding to copy filtered resources.
[INFO] Using 'UTF-8' encoding to copy filtered properties files.
[INFO] skip non existing resourceDirectory C:\Users\Lenovo\Downloads\Foodbox-Capstone-master\foodbox-Spring\src\test\resources
[INFO]
[INFO] --- maven-compiler-plugin:3.8.1:testCompile (default-testCompile) @ foodbox ---
 [INFO] Changes detected - recompiling the module!
[INFO] Compiling 1 source file to C:\Users\Lenovo\Downloads\Foodbox-Capstone-master\foodbox-Spring\target\test-classes
[INFO]
[INFO] --- maven-surefire-plugin:2.22.2:test (default-test) @ foodbox ---
[INFO]
[INFO] ------
[INFO] TESTS
[INFO] Running com.foodbox.FoodboxSpringApplicationTests
23:15:30.482 [main] DEBUG org.springframework.test.context.BootstrapUtils - Instantiating CacheAwareContextLoaderDelegate from class [org.springframework.test.context.cache.De
23:15:30.555 [main] DEBUG org.springframework.test.context.BootstrapUtils - Instantiating BootstrapContext using constructor [public org.springframework.test.context.support.D
23:15:30.741 [main] DEBUG org.springframework.test.context.BootstrapUtils - Instantiating TestContextBootstrapper for test class [com.foodbox.FoodboxSpringApplicationTests] fr
23:15:30.797 [main] INFO org.springframework.boot.test.context.SpringBootTestContextBootstrapper - Neither @ContextConfiguration nor @ContextHierarchy found for test class [co
23:15:30.814 [main] DEBUG org.springframework.test.context.support.AbstractContextLoader - Did not detect default resource location for test class [com.foodbox.FoodboxSpringAp
23:15:30.820 [main] DEBUG org.springframework.test.context.support.AbstractContextLoader - Did not detect default resource location for test class [com.foodbox.FoodboxSpringAp
23:15:30.821 [main] INFO org.springframework.test.context.support.AbstractContextLoader - Could not detect default resource locations for test class [com.foodbox.FoodboxSpring,
23:15:30.825 [main] INFO org.springframework.test.context.support.AnnotationConfigContextLoaderUtils - Could not detect default configuration classes for test class [com.foodbl
23:15:31.167 [main] DEBUG org.springframework.test.context.support.ActiveProfilesUtils - Could not find an 'annotation declaring class' for annotation type [org.springframewor
23:15:31.606 [main] DEBUG org.springframework.context.annotation.ClassPathScanningCandidateComponentProvider - Identified candidate component class: file [C:\Users\Lenovo\Down]
23:15:31.612 [main] INFO org.springframework.boot.test.context.SpringBootTestContextBootstrapper - Found @SpringBootConfiguration com.foodbox.FoodboxSpringApplication for test
23:15:32.175 [main] DEBUG org.springframework.boot.test.context.SpringBootTestContextBootstrapper - @TestExecutionListeners is not present for class [com.foodbox.FoodboxSpring
23:15:32.177 [main] INFO org.springframework.boot.test.context.SpringBootTestContextBootstrapper - Loaded default TestExecutionListener class names from location [META-INF/spr
23:15:32.260 [main] INFO org.springframework.boot.test.context.SpringBootTestContextBootstrapper - Using TestExecutionListeners: [org.springframework.test.context.web.ServletT
23:15:32.287 [main] DEBUG org.springframework.test.context.support.AbstractDirtiesContextTestExecutionListener - Before test class: context [DefaultTestContext@47a5b70d testCl
23:15:32.496 [main] DEBUG org.springframework.test.context.support.TestPropertySourceUtils - Adding inlined properties to environment: {spring.jmx.enabled=false, org.springframe.
 ======| /=/ / / /
 :: Spring Boot ::
```

```
Spring Box 1: Spring Box 2: [ main] c.foodbox.foodbox/progapilicationTests : Starting foodbox/progapilicationTests using Java 13.8.2 on LAPTO-MIDDOSS with PID 492 (started by Lenovo in C.\Users\Lenovo\Ubanloads\Voodbox-Capstome-master\V 02242-23 231513-139 190 902 ... [ main] c.foodbox.foodbox/progapilicationTests : Starting foodbox/progapilicationTests using Java 13.8.2 on LAPTO-MIDDOSS with PID 492 (started by Lenovo in C.\Users\Lenovo\Ubanloads\Voodbox-Capstome-master\V 02242-23 231513-139 190 902 ... [ main] c.foodbox.foodbox/progapilicationTests : Starting foodbox/progapilicationTests using Java 13.8.2 on LAPTO-MIDDOSS with PID 492 (started by Lenovo in C.\Users\Lenovo\Ubanloads\Voodbox-Capstome-master\V 02242-23 231513-139 190 902 ... main] c.foodbox.foodbox/progapilicationTests : Starting foodbox/progapilicationTests using Java 13.8.2 on LAPTO-MIDDOSS with PID 492 (started by Lenovo in C.\Users\Lenovo\Ubanloads\Voodbox-Capstome-master\V 02242-23 231513-139 190 902 ... main] c.foodbox.foodbox/progapilicationTests : Starting foodbox/progapilicationTests using Java 13.8.2 on LAPTO-MIDDOSS with PID 492 (started by Lenovo in C.\Users\Lenovo\Ubanloads\Voodbox-Capstome-master\V 02242-23 231514-139 190 902 ... main] c.foodbox.foodbox/progapilicationTests : Starting foodbox/progapilicationTests : Starting f
```

# (Front End Development)

# Angular Project Structure:



- -----
- TS app.component.ts
- TS app.module.ts
- > assets
- > environments
- custom-theme.scss
- favicon.ico
- index.html
- TS main.ts
- TS polyfills.ts
- # styles.css
- TS test.ts
- .editorconfig
- .gitignore
- {} angular.json
- K karma.conf.js
- {} package-lock.json
- {} package.json
- README.md
- {} tsconfig.app.json
- sconfig.json
- {} tsconfig.spec.json
- {} tslint.json

# Project Files.

# Index.html

```
order-summary.component.html
     <!doctype html>
     <html lang="en">
      <meta charset="utf-8">
       <title>Foodbox-most trusted</title>
       <meta name="viewport" content="width=device-width, initial-scale=1">
       <link rel="icon" type="image/x-icon" href="favicon.ico">
<link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.6.0/dist/css/bootstrap.min.css"</pre>
         integrity="sha384-B0vP5xmATw1+K9KRQjQERJvTumQW0nPEzvF6L/Z6nronJ3oU0FUFpCjEUQouq2+l" crossorigin="anonymous">
       <script src="https://kit.fontawesome.com/3fe90d9367.js" crossorigin="anonymous"></script>
       <link rel="preconnect" href="https://fonts.googleapis.com">
       | link rel="preconnect" href="https://fonts.gstatic.com" crossorigin
14
       <link href="https://fonts.googleapis.com/css2?family=WindSong&display=swap" rel="stylesheet">
       <link href="https://fonts.googleapis.com/css?family=Roboto:300,400,500&display=swap" rel="stylesheet">
       <link href="https://fonts.googleapis.com/icon?family=Material+Icons" rel="stylesheet">
     <body class="mat-typography">
       <script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"</pre>
         integrity="sha384-DfXdz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+OrCXaRkfj"
         crossorigin="anonymous"></script>
       <script src="https://cdn.jsdelivr.net/npm/bootstrap@4.6.0/dist/js/bootstrap.bundle.min.js"</pre>
         integrity="sha384-Piv4xvNRyMGpqkS2by6br4gNJ7DXjqk09RmUpJ8jgGtD7zP9yug3goQfGII0yAns"
         crossorigin="anonymous"></script>
         <section class="section py-5 bg-white">
             <div class="row">
                  <div class="text-center features-card">
                    <i data-feather="truck" class="text-info"></i>
                    <marquee width="100%" direction="up"scrollamount="3" height="100px"><h2><i>Free & Fast Shipping</i></h2></h2>
                    Our Super fast delivery partner make sure you get fastest and free doorstep delivery.
                    </marquee>
```

#### test.ts:

```
src > TS test.ts > ...
       // This file is required by karma.conf.js and loads recursively
  1
  2
       import 'zone.js/dist/zone-testing';
       import { getTestBed } from '@angular/core/testing';
       import {
        BrowserDynamicTestingModule,
        platformBrowserDynamicTesting
       } from '@angular/platform-browser-dynamic/testing';
       declare const require: {
         context(path: string, deep?: boolean, filter?: RegExp): {
 11
 12
           keys(): string[];
           <T>(id: string): T;
 13
 14
        };
 15
       };
 16
       // First, initialize the Angular testing environment.
 17
      getTestBed().initTestEnvironment(
 18
         BrowserDynamicTestingModule,
 19
         platformBrowserDynamicTesting()
 20
 21
       );
       // Then we find all the tests.
 22
      const context = require.context('./', true, /\.spec\.ts$/);
 23
 24
       // And load the modules.
      context.keys().map(context);
 25
```

## Package.json:

**Angular Outputs:** 

```
"name": "foodbox-angular",
"version": "0.0.0",
"scripts": {
  "ng": "ng
  "start": "ng serve",
"build": "ng build",
  "test": "ng test",
"lint": "ng lint",
  "e2e": "ng e2e"
},
"private": true,
"dependencies": {
  "@angular/animations": "~10.2.4",
  "@angular/cdk": "^10.2.7",
  "@angular/common": "~10.2.4",
  "@angular/compiler": "~10.2.4",
  "@angular/core": "~10.2.4",
"@angular/forms": "~10.2.4",
  "@angular/material": "^10.2.7",
"@angular/platform-browser": "~10.2.4",
  "@angular/platform-browser-dynamic": "~10.2.4",
  "@angular/router": "~10.2.4",
  "rxjs": "~6.6.0",
"tslib": "^2.0.0",
  "zone.js": "~0.10.2"
"@angular-devkit/build-angular": "~0.1002.1",
  "@angular/cli": "~10.2.1"
  @angular/cli": "~10.2.1",
"@angular/compiler-cli": "~10.2.4",
  "@types/node": "^12.11.1",
"@types/jasmine": "~3.5.0",
"@types/jasminewd2": "~2.0.3",
  "codelyzer": "^6.0.0",
"jasmine-core": "~3.6.0",
"jasmine-spec-reporter": "~5.0.0"
```

```
"devDependencies": {
 "@angular-devkit/build-angular": "~0.1002.1",
 "@angular/cli": "~10.2.1",
"@angular/compiler-cli": "~10.2.4",
 "@types/node": "^12.11.1",
  "@types/jasmine": "~3.5.0",
 "@types/jasminewd2": "~2.0.3",
 "codelyzer": "^6.0.0",
 "jasmine-core": "~3.6.0",
"jasmine-spec-reporter": "~5.0.0",
 "karma": "~5.0.0",
 "karma-chrome-launcher": "~3.1.0",
"karma-coverage-istanbul-reporter": "~3.0.2",
 "karma-jasmine": "~4.0.0",
 "karma-jasmine-html-reporter": "^1.5.0",
 "protractor": "~7.0.0",
 "ts-node": "~8.3.0",
 "tslint": "~6.1.0",
 "typescript": "~4.0.2"
```

```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.
Try the new cross-platform PowerShell https://aka.ms/pscore6
PS E:\Capstone Project(FoodBox)\FoodBox FrontEnd(Angular)> ng serve
Your global Angular CLI version (13.1.1) is greater than your local version (10.2.3). The local Angular CLI version is used.
To disable this warning use "ng config -g cli.warnings.versionMismatch false".
10% building 3/3 modules 0 active(node:10904) [DEP0111] DeprecationWarning: Access to process.binding('http_parser') is deprecated
 (Use `node --trace-deprecation ...` to show where the warning was created)
 (node:10904) [DEP0148] DeprecationWarning: Use of deprecated folder mapping "./" in the "exports" field module resolution of the pa
  node_modules\tslib\package.json.
   date this package.json to use a subpath pattern like "./*".
chunk {main} main.js, main.js.map (main) 248 kB [initial] [rendered]
chunk {polyfills} polyfills.js, polyfills.js.map (polyfills) 141 kB [initial] [rendered]
chunk {runtime} runtime.js, runtime.js.map (runtime) 6.15 kB [entry] [rendered]
chunk {styles} styles.js, styles.js.map (styles) 413 kB [initial] [rendered]
chunk {vendor} vendor.js, vendor.js.map (vendor) 3.96 MB [initial] [rendered]
Date: 2022-02-25T18:26:16.365Z - Hash: 710b31d48af36f661dae - Time: 68067ms
** Angular Live Development Server is listening on localhost:4200, open your browser on http://localhost:4200/ **
: Compiled successfully.
```

Rest Source code is on github link: https://github.com/shubham-pawar-08/FoodBox.git





Red Sause Pasta Pasta with Tornato and oregano Price: ₹435

Add to Cart



Chicken infused with butter and spices Price: ₹350

Add to Cart



Chicken Lollipop Served Hot and Fresh

Price: ₹126



Paneer Pizza Pizza topped with cotted cheese and

Price: ₹435

Add to Cart



Rice Steamed with Chicken and

Price: ₹365 (10% Discount) After Discount Price: ₹328.5

Add to Cart



Steamed Mince Bun Steamed Bun with lamb mince Price: ₹250 (20% Discount)

After Discount Price: ₹200

Add to Cart



Egg Fried Rice

Rice with Egg and Chinese sauses Price: ₹95 (5% Discount) After Discount Price: ₹90.25

Add to Cart



Elote de Corn

Com topped with cream cheese and

Price: ₹180 (7% Discount)

After Discount Price: \$167.4

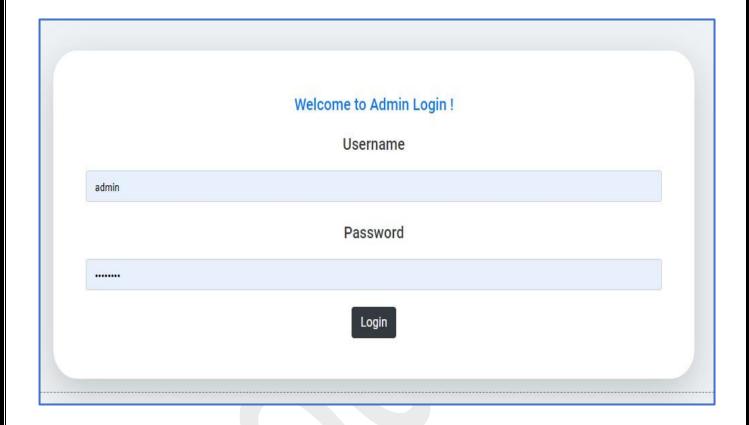
Add to Cart





Add to Cart Add to Cart Free & Fast Shipping Support 24/7 Cards Our Super fast delivery partner make sure you get We provide dedicated customer support team to resolve Various gift cards are available for special occasion for any kind of query. fastest and free doorstep delivery. your near and dear. **Customer Service** FoodBox App Contact us SUBSCRIBE to our Newsletter to receive the Help Center About Us Phone: +91 8805364132 latest news, sales and promos Terms and Conditions How to buy Email: FoodBox@gmail.com Enter your email Delivery Privacy Policy Mon-Fri: 9.00 am - 8.00 pm **SUBSCRIBE** Saturday: 10.00 am - 6.00 pm How to return FAQs Payment Method Our Story Shipping Method Services Copyright © 2022 FoodBox All Rights Reserved Developer:Tushar Khillare

# B. Admin Login Page.



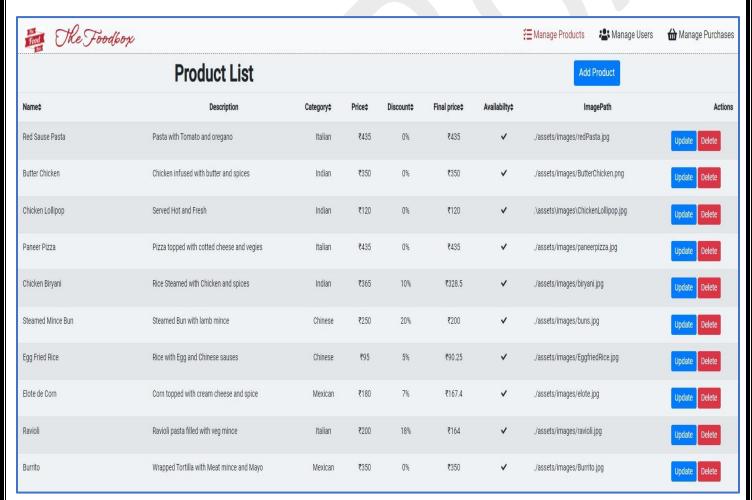
# C. Manage Users, Products, Purchases.



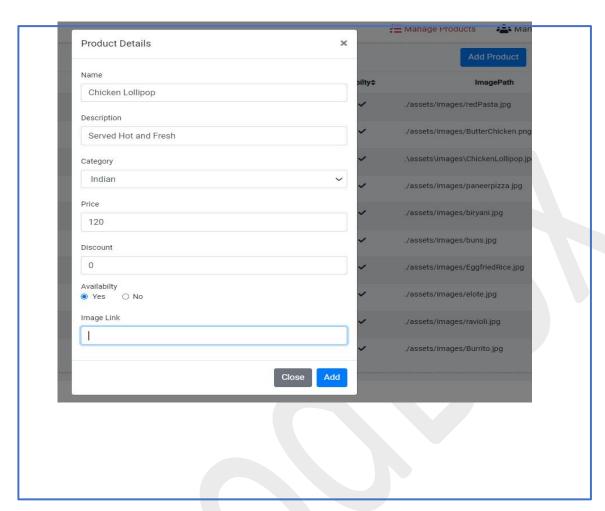
**Searching and Sorting:** 



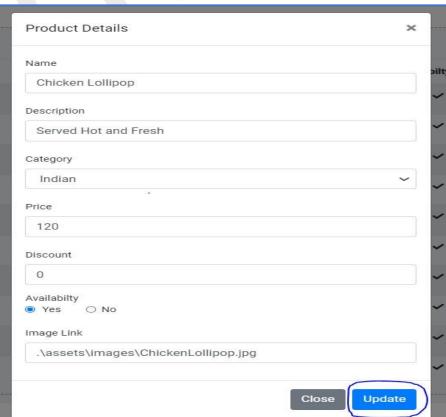
# Manage Products:

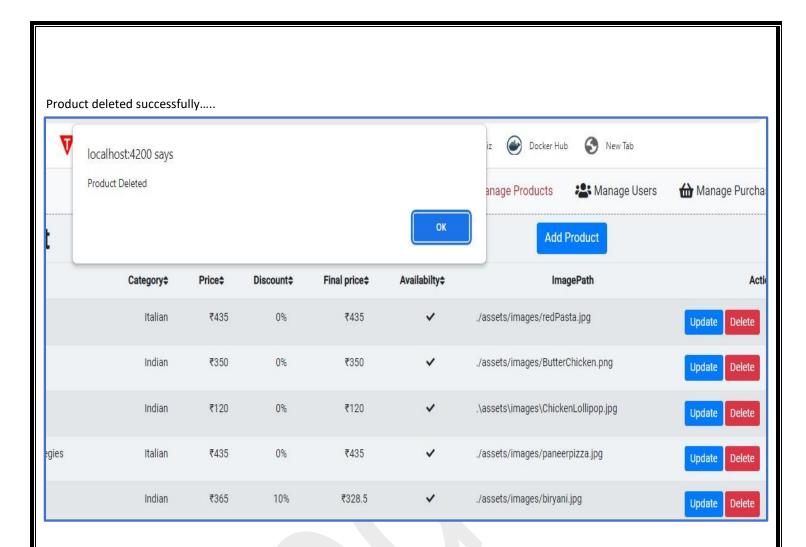


# Add Product:



# <u>Update</u> <u>Product:</u>

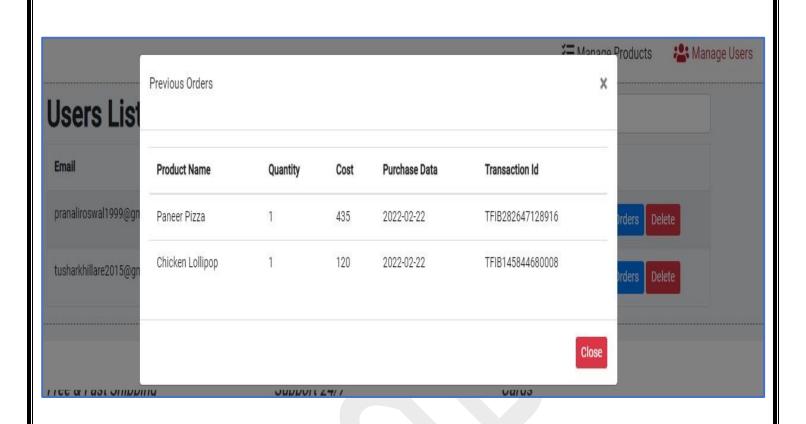




# Manage Purchases:



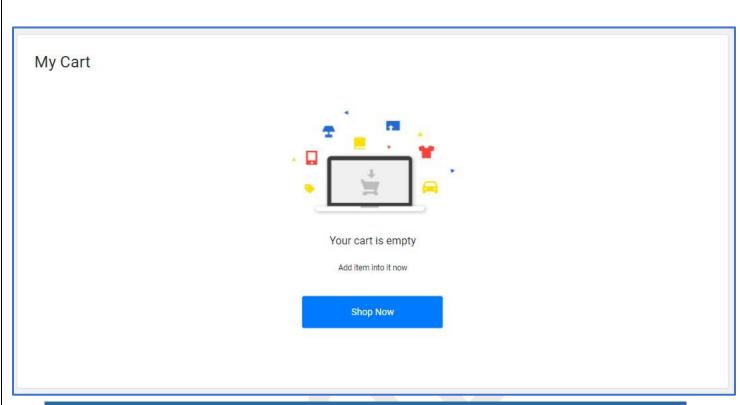
# D. View Previous Active Orders.



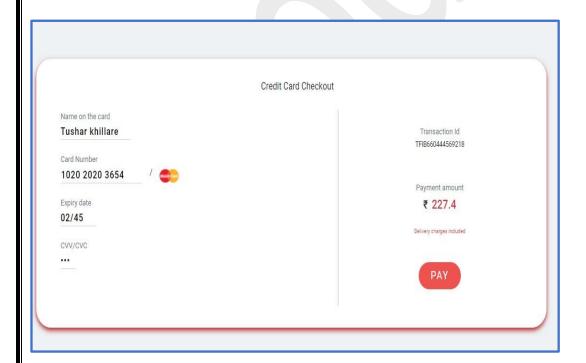
# E. Add Cart / View Cart.



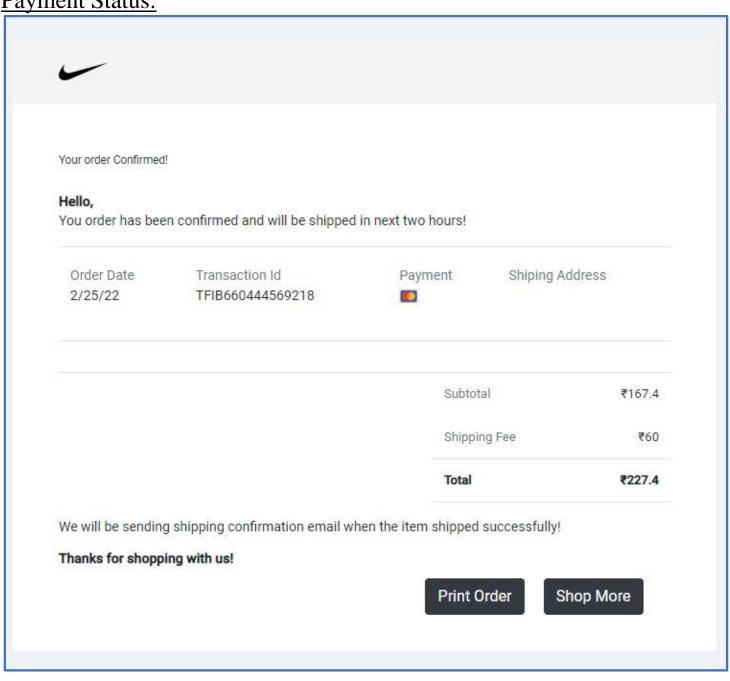
## My Cart:



# Payment Gateway Page.

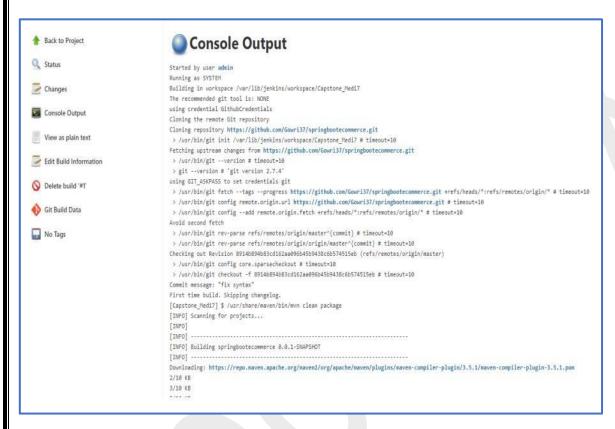


# Payment Status:



#### TESTING AND DEVOPS USING JENKINS

# Jenkins Build triggered successfully:



Downloaded: https://repo.maven.apache.org/maven2/net/java/dev/jna/jna-platform/5.5.0/jna-platform-5.5.0.jar (2620 KB at 8878.2 KB/sec)
[INFO] Replacing main artifact with repackaged archive
[INFO]
[INFO] BUILD SUCCESS
[INFO]
[INFO] Total time: 30.121 s
[INFO] Finished at: 2020-09-19T18:26:12+00:00
[INFO] Final Memory: 38M/319M
[INFO]
Finished: SUCCESS
111121104 2000023

#### PROJECT SCREENS POST TESTING AND JENKINS DEPLOYMENT:

### **Category Based Searching**

# http://localhost:4200/products

