

FoodBox Project Source Code

Version History

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2	Purpose	Source Code Screenshot
3	Date	22-12-2022
4	Version	1.8
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User Flow Chart Diagram

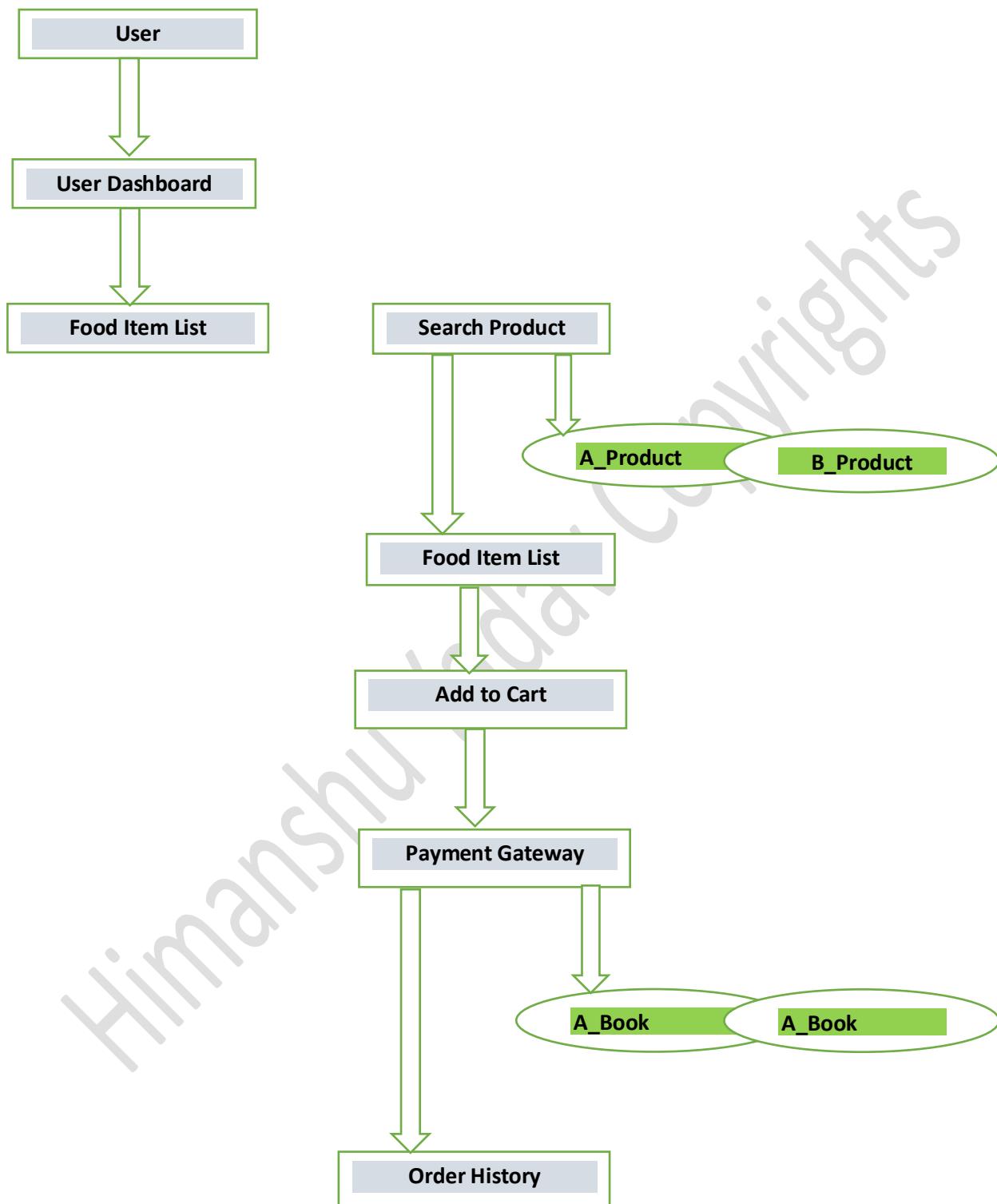
GitHub Link

Database Design

Folder Structure

Project Files

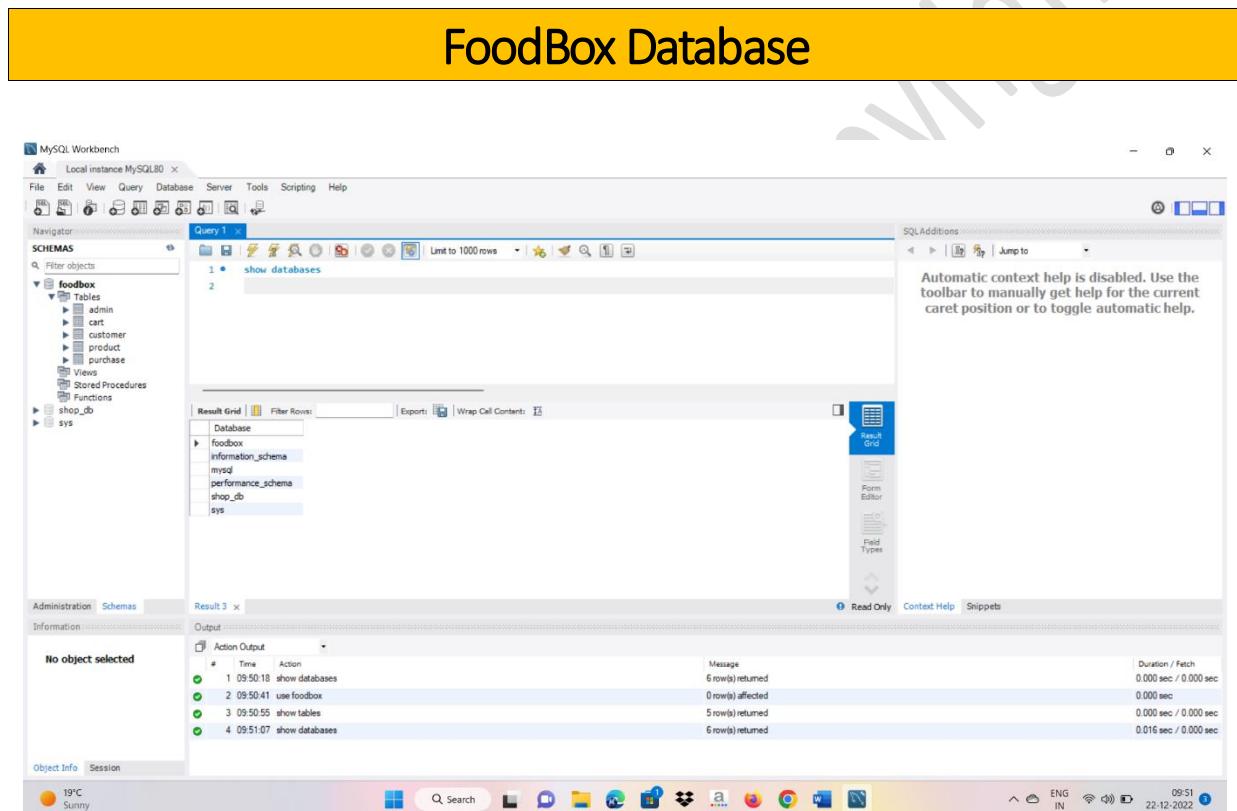
User Flow Diagram



GitHub Link

Repository Name	Capstone-Project-FoodBox
Link	https://github.com/ydvhimanshu/Capstone-Project-FoodBox

Database Screenshot



Tables in Foodbox Database

The screenshot shows the MySQL Workbench interface. In the top-left corner, the title bar says "MySQL Workbench Local instance MySQL80". The main area has a "Query 1" tab open with the following SQL query:

```
1 • show databases
2
3 ② show tables
```

The results grid shows the following table:

Tables_in_foodbox					
Tables_in_foodbox	Table	Type	Row Format	Collation	Format
admin	admin	BASE TABLE	ROW	utf8mb4_0900_ai_ci	VISIBLE
	cart	BASE TABLE	ROW	utf8mb4_0900_ai_ci	VISIBLE
	customer	BASE TABLE	ROW	utf8mb4_0900_ai_ci	VISIBLE
	product	BASE TABLE	ROW	utf8mb4_0900_ai_ci	VISIBLE
	purchase	BASE TABLE	ROW	utf8mb4_0900_ai_ci	VISIBLE

In the bottom-left pane, under "Information", there is a section titled "No object selected". The bottom status bar shows the date and time as "22-12-2022 09:51".

Describe Admin Tables

The screenshot shows the MySQL Workbench interface. In the top-left corner, the title bar says "MySQL Workbench Local instance MySQL80". The main area has a "Query 1" tab open with the following SQL query:

```
1 • describe admin
2
```

The results grid shows the following table:

Field	Type	Null	Key	Default	Extra
username	varchar(255)	NO	PRI	NULL	
password	varchar(255)	YES		NULL	

In the bottom-left pane, under "Information", there is a section titled "No object selected". The bottom status bar shows the date and time as "22-12-2022 09:52".

Describe Product Table

The screenshot shows the MySQL Workbench interface with the following details:

- Navigator:** Shows the database schema with the `foodbox` database selected, containing tables like `admin`, `cart`, `customer`, `product`, and `purchase`.
- Query Editor:** The query `describe product` is run, resulting in the following table description:

Field	Type	Null	Key	Default	Extra
<code>id</code>	<code>bigint</code>	NO	PRI	<code>NULL</code>	
<code>actual_price</code>	<code>float</code>	NO		<code>NULL</code>	
<code>aval</code>	<code>varchar(255)</code>	YES		<code>NULL</code>	
<code>category</code>	<code>varchar(255)</code>	YES		<code>NULL</code>	
<code>des</code>	<code>varchar(255)</code>	YES		<code>NULL</code>	
<code>discount</code>	<code>float</code>	NO		<code>NULL</code>	
<code>imagepath</code>	<code>varchar(255)</code>	YES		<code>NULL</code>	
<code>name</code>	<code>varchar(255)</code>	YES		<code>NULL</code>	
<code>price</code>	<code>float</code>	NO		<code>NULL</code>	

- Output:** The results of the previous query are shown in the output pane.
- Session:** Shows the current session information, including the weather (19°C, Sunny) and system status (09:53, 22-12-2022).

Admin Table Record

The screenshot shows the MySQL Workbench interface with the following details:

- Navigator:** Shows the database schema with the `foodbox` database selected, containing tables like `admin`, `cart`, `customer`, `product`, and `purchase`.
- Query Editor:** The query `select * from admin` is run, resulting in the following table data:

username	password
<code>admin</code>	<code>password</code>
<code>root</code>	<code>LinkedIn@12345</code>
<code>user</code>	<code>user</code>

- Output:** The results of the previous query are shown in the output pane.
- Session:** Shows the current session information, including the weather (19°C, Sunny) and system status (09:53, 22-12-2022).

Customer Table Record

The screenshot shows the MySQL Workbench interface. In the top-left corner, the title bar reads "MySQL Workbench Local instance MySQL80". The main area displays a query editor window titled "Query 1" containing the SQL command: "select * from customer;". Below the query is a result grid showing four rows of data from the customer table:

	email	address	contact	name	password
1	diksha12@gmail.com	nagpur	8989899899	Diksha Yadav	diksha
2	krish23@gmail.com	varanasi	8999009090	Krish Kumar	krish
3	priyush23@gmail.com	banglore	7833343478	Priyush Yadav	1234

The bottom section of the interface shows the "Output" tab with the "Action Output" history. It lists 12 actions, including queries like "describe customer", "describe cart", "describe product", "describe purchase", and the "select" statements. The "Message" column provides details about each action, such as the number of rows returned and execution duration.

BackEnd Development Screenshot

The screenshot shows the Eclipse IDE interface with the project 'Capstone - foodbox' open. The 'FoodboxSpringApplication.java' file is selected in the Project Explorer. The code defines a main method that runs the application. Below the code editor is a terminal window showing the application's log output. The log shows various INFO messages from the application and its dependencies, such as Hibernate and Tomcat, during startup.

```
package com.foodbox;
import org.springframework.boot.SpringApplication;
import org.springframework.boot.autoconfigure.SpringBootApplication;
public class FoodboxSpringApplication {
    public static void main(String[] args) {
        SpringApplication.run(FoodboxSpringApplication.class, args);
    }
}
```

```
2022-12-22 10:12:49.074 INFO 14936 --- [ restartedMain] o.hibernate.jpa.internal.LogHelper : HHH000204: Processing PersistenceUnitInfo
2022-12-22 10:12:49.074 INFO 14936 --- [ restartedMain] org.hibernate.Version : HHH000412: Hibernate Core version 5.5.2.Final
2022-12-22 10:12:49.286 INFO 14936 --- [ restartedMain] o.hibernate.annotations.common.Version : HCANN000001: Hibernate Commons Annotations version 5.1.0.Final
2022-12-22 10:12:49.390 INFO 14936 --- [ restartedMain] com.zaxxer.hikari.HikariDataSource : HikariDataSource - Start completed.
2022-12-22 10:12:49.390 INFO 14936 --- [ restartedMain] com.zaxxer.hikari.HikariDataSource : HikariPool-1 - Starting...
2022-12-22 10:12:49.709 INFO 14936 --- [ restartedMain] com.zaxxer.hikari.HikariDataSource : HikariPool-1 - Start completed.
2022-12-22 10:12:49.728 INFO 14936 --- [ restartedMain] org.hibernate.dialect.Dialect : HHH000400: Using dialect: org.hibernate.dialect.PostgreSQLDialect
2022-12-22 10:12:49.730 INFO 14936 --- [ restartedMain] org.hibernate.engine.jdbc.JdbcCoordinator : HHH000342: Using default transactional read committed isolation level
2022-12-22 10:12:50.463 INFO 14936 --- [ restartedMain] org.hibernate.boot.jcp.EntityManagerFactoryInitiator : Initialized JPA EntityManagerFactory for persistence unit 'FoodboxSpringApplication'
2022-12-22 10:12:51.106 WARN 14936 --- [ restartedMain] jpaBaseConfigurationJpaWebConfiguration : spring.jpa.open-in-view is enabled by default, so LiveReload server is running on port 357
2022-12-22 10:12:51.474 INFO 14936 --- [ restartedMain] o.s.b.d.a.OptionalLiveReloadServer : Tomcat started on port(s): 8080 (http)
2022-12-22 10:12:51.486 INFO 14936 --- [ restartedMain] com.foodbox.FoodboxSpringApplication : Started FoodboxspringApplication in 4.50
```

The screenshot shows the Eclipse IDE interface with the project 'Capstone - foodbox' open. The 'ConfigCtrlJava.java' file is selected in the Project Explorer. The code defines a filter that handles HTTP requests, setting various headers like Access-Control-Allow-Methods and Access-Control-Max-Age. It also handles OPTIONS requests and initializes itself with a FilterConfig.

```
package com.foodbox.config;
import java.io.IOException;
import javax.servlet.Filter;
import javax.servlet.FilterChain;
import javax.servlet.FilterConfig;
import javax.servlet.ServletException;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import org.springframework.stereotype.Component;
@Component(Ordered.HIGHEST_PRECEDENCE)
public class ConfigFilter implements Filter {
    @Override
    public void doFilter(HttpServletRequest req, HttpServletResponse res, FilterChain chain) throws IOException, ServletException {
        final HttpServletResponse response = (HttpServletResponse) res;
        response.setHeader("Access-Control-Allow-Methods", "POST, PUT, GET, OPTIONS, DELETE");
        response.setHeader("Access-Control-Allow-Headers", "Authorization, Content-Type");
        response.setHeader("Access-Control-Max-Age", "3600");
        if ("OPTIONS".equalsIgnoreCase(((HttpServletRequest) req).getMethod())) {
            response.setStatus(HttpServletResponse.SC_OK);
        } else {
            chain.doFilter(req, res);
        }
    }
    @Override
    public void destroy() {
    }
    @Override
    public void init(FilterConfig config) throws ServletException {
    }
}
```

Capstone - foodbox/src/main/java/com/foodbox/controller/CartController.java - Eclipse IDE

```
File Edit Source Refactor Navigate Search Project Run Window Help
Project Explorer X
src/main/java
com.foodbox
com.foodbox.config
com.foodbox.controller
AdminController.java
CartController.java
CustomerController.java
ProductController.java
PurchaseController.java
com.foodbox.exception
com.foodbox.model
com.foodbox.repository
src/main/resources
src/test/java
JRE System Library [JavaSE-1.8]
Maven Dependencies
src
target
HELP.md
mvnw
mvnw.cmd
pom.xml
Servers [Capstone master]
Tomcat v10.0 Server at localhost-config

CartController.java X
1 package com.foodbox.controller;
2
3import java.util.List;
4
5@CrossOrigin(origins = "http://localhost:4200")
6@RestController
7public class CartController {
8
9    @Autowired
10    private CartRepository cartRepository;
11
12    @CrossOrigin(origins = "http://localhost:4200")
13    @PostMapping("/carts")
14    public Cart addCart(@RequestBody Cart cart, HttpSession session) {
15        Cart cartObject = null;
16        if(session.getAttribute("grandTotal") == null) {
17            grandTotal = 0;
18        } else {
19            grandTotal = (float) session.getAttribute("grandTotal");
20        }
21        List cartList = cartRepository.findAll();
22        for(Cart temp : cartList) {
23            if(temp.getProductId() == cart.getProductId()) {
24                int tempQuantity = temp.getQuantity();
25                grandTotal = grandTotal + temp.getPrice();
26                session.setAttribute("grandTotal", grandTotal);
27                temp.setQuantity(tempQuantity);
28                temp.setPrice((temp.getProduct().getPrice() * tempQuantity));
29            }
30        }
31        int min = 100;
32        int max = 999;
33        int b = (int) (Math.random() * (max - min + 1)) + min;
34        cart.setId(b);
35        cart.setQuantity(1);
36        cart.setPrice(cart.getProduct().getPrice());
37
38        return cartRepository.save(temp);
39    }
40
41    @GetMapping("/carts")
42    public List getAllCarts() {
43        return cartRepository.findAll();
44    }
45
46    @DeleteMapping("/carts/{id}")
47    public ResponseEntity<Map<String, Boolean>> deletePurchase(@PathVariable Long id) {
48        Purchase purchase = purchaseRepository.findById(id);
49        if(purchase == null) {
50            throw new ResourceNotFoundException("Purchase Id not found with "+id);
51        }
52        purchaseRepository.delete(purchase);
53        Map<String, Boolean> map = new HashMap<>();
54        map.put("deleted", Boolean.TRUE);
55        return ResponseEntity.ok(map);
56    }
57
58    @GetMapping("/purchase/search/{keyword}")
59}
```

Markers Properties Servers Data Source Explorer Snippets Terminal Console

FoodboxSpringApplication [Java Application] [pid: 14936]

Writable Smart Insert 35 : 10 : 1232

19°C Sunny 10:18 22-12-2022

Capstone - foodbox/src/main/java/com/foodbox/controller/PurchaseController.java - Eclipse IDE

```
File Edit Source Refactor Navigate Search Project Run Window Help
Project Explorer X
src/main/java
com.foodbox
com.foodbox.config
com.foodbox.controller
AdminController.java
CartController.java
CustomerController.java
ProductController.java
PurchaseController.java
com.foodbox.exception
com.foodbox.model
com.foodbox.repository
src/main/resources
src/test/java
JRE System Library [JavaSE-1.8]
Maven Dependencies
src
target
HELP.md
mvnw
mvnw.cmd
pom.xml
Servers [Capstone master]
Tomcat v10.0 Server at localhost-config

PurchaseController.java X
1 package com.foodbox.controller;
2
3import java.util.HashMap;
4
5@CrossOrigin(origins = "http://localhost:4200", allowedHeaders = "*")
6@RestController
7public class PurchaseController {
8
9    @Autowired
10    private PurchaseRepository purchaseRepository;
11
12    @Autowired
13    private CartRepository cartRepository;
14
15    @Autowired
16    private CustomerRepository customerRepository;
17
18    @GetMapping("/purchase/byEmail/{email}")
19    public List<Purchase> customerOrders(@PathVariable String email) {
20        return purchaseRepository.getByEmail(email);
21    }
22
23    @GetMapping("/purchase")
24    public List<Purchase> getAllPurchase() {
25        return purchaseRepository.findAllByOrderByIdAsc();
26    }
27
28    @DeleteMapping("/purchase/{id}")
29    public ResponseEntity<Map<String, Boolean>> deletePurchase(@PathVariable Long id) {
30        Purchase purchase = purchaseRepository.findById(id);
31        if(purchase == null) {
32            throw new ResourceNotFoundException("Purchase Id not found with "+id);
33        }
34        purchaseRepository.delete(purchase);
35        Map<String, Boolean> map = new HashMap<>();
36        map.put("deleted", Boolean.TRUE);
37        return ResponseEntity.ok(map);
38    }
39
40    @GetMapping("/purchase/search/{keyword}")
41}
```

Markers Properties Servers Data Source Explorer Snippets Terminal Console

FoodboxSpringApplication [Java Application] [pid: 14936]

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19°C Sunny 10:18 22-12-2022

Capstone - foodbox/src/main/java/com/foodbox/model/Admin.java - Eclipse IDE

```
1 package com.foodbox.model;
2
3 import javax.persistence.Entity;
4
5 @Entity
6 public class Admin {
7     @Id
8     private String username;
9     private String password;
10
11     public Admin() {
12         super();
13     }
14
15     public Admin(String username, String password) {
16         super();
17         this.username = username;
18         this.password = password;
19     }
20
21     public String getUsername() {
22         return username;
23     }
24
25     public void setUsername(String username) {
26         this.username = username;
27     }
28     public String getPassword() {
29         return password;
30     }
31     public void setPassword(String password) {
32         this.password = password;
33     }
34
35 }
36 }
```

Project Explorer X

- src/main/java
 - com.foodbox
 - com.foodbox.config
 - com.foodbox.controller
 - com.foodbox.exception
 - com.foodbox.model
 - Admin.java
 - Cart.java
 - Customer.java
 - Product.java
 - Purchase.java
 - com.foodbox.repository
 - src/test/java
 - JRE System Library [JavaSE-1.8]
 - Maven Dependencies
 - src
 - HELP.md
 - mvnw
 - mvnw.cmd
 - pom.xml
Servers [Capstone master]

 - Tomcat v10.0 Server at localhost-config

Capstone - foodbox/src/main/java/com/foodbox/model/Customer.java - Eclipse IDE

```
1 package com.foodbox.model;
2
3 import javax.persistence.Entity;
4
5 @Entity
6 public class Customer {
7     @Id
8     private String email;
9     private String password;
10    private String name;
11    private String contact;
12    private String address;
13
14    public Customer(String email, String password, String name, String contact, String address) {
15        super();
16        this.email = email;
17        this.password = password;
18        this.name = name;
19        this.contact = contact;
20        this.address = address;
21    }
22
23    public Customer() {
24        super();
25    }
26
27    public String getEmail() {
28        return email;
29    }
30
31    public void setEmail(String email) {
32        this.email = email;
33    }
34
35    public String getPassword() {
36        return password;
37    }
38
39    public void setPassword(String password) {
40        this.password = password;
41    }
42
43    public String getName() {
44    }
45 }
```

Project Explorer X

- src/main/java
 - com.foodbox
 - com.foodbox.config
 - com.foodbox.controller
 - com.foodbox.exception
 - com.foodbox.model
 - Admin.java
 - Cart.java
 - Customer.java
 - Product.java
 - Purchase.java
 - com.foodbox.repository
 - src/test/java
 - JRE System Library [JavaSE-1.8]
 - Maven Dependencies
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 - HELP.md
 - mvnw
 - mvnw.cmd
 - pom.xml
Servers [Capstone master]

 - Tomcat v10.0 Server at localhost-config

Capstone - foodbox/src/main/java/com/foodbox/model/Product.java - Eclipse IDE

```

File Edit Source Refactor Navigate Search Project Run Window Help
Project Explorer X  CartJava CustomerJava ProductJava X
src/main/java com.foodbox
    com.foodbox
        com.foodbox.config
        com.foodbox.controller
        com.foodbox.exception
        com.foodbox.model
            AdminJava
            CartJava
            CustomerJava
            ProductJava
            PurchaseJava
            com.foodbox.repository
        src/main/resources
        src/test/java
        JRE System Library [JavaSE-1.8]
        Maven Dependencies
        src
        target
        HELP.md
        mvnw
        mvnw.cmd
        pom.xml
Servers [Capstone master]
    Tomcat v10.0 Server at localhost-config

package com.foodbox.model;

import javax.persistence.Entity;

public class Product {
    @Id
    private long id;
    private String name;
    private String des;
    private String category;
    private float actualPrice;
    private float discount;
    private float price;
    private String avail;
    private String imagepath;

    public Product(long id, String name, String des, String category, float actualPrice, float discount, float price,
                  String avail, String imagepath) {
        super();
        this.id = id;
        this.name = name;
        this.des = des;
        this.category = category;
        this.actualPrice = actualPrice;
        this.discount = discount;
        this.price = price;
        this.avail = avail;
        this.imagepath = imagepath;
    }

    public Product() {
        super();
    }

    public long getId() {
        return id;
    }

    public void setId(long id) {
        this.id = id;
    }
}

```

19°C Sunny 22-12-2022 10:19

Capstone - foodbox/src/main/java/com/foodbox/repository/AdminRepository.java - Eclipse IDE

```

File Edit Source Refactor Navigate Search Project Run Window Help
Project Explorer X  AdminRepositoryJava X
src/main/java com.foodbox.repository
    com.foodbox
        com.foodbox.config
        com.foodbox.controller
        com.foodbox.exception
        com.foodbox.model
        com.foodbox.repository
            AdminRepository.java
            CartRepository.java
            CustomerRepository.java
            ProductRepository.java
            PurchaseRepository.java
        src/main/resources
        src/test/java
        JRE System Library [JavaSE-1.8]
        Maven Dependencies
        src
        target
        HELP.md
        mvnw
        mvnw.cmd
        pom.xml
Servers [Capstone master]
    Tomcat v10.0 Server at localhost-config

package com.foodbox.repository;

import org.springframework.data.jpa.repository.JpaRepository;

public interface AdminRepository extends JpaRepository<Admin, String> {
    Admin findByUsername(String username);
}

```

Markers Properties Servers Data Source Explorer Snippets Terminal Console X
FoodboxSpringApplication [Java Application] [pid:14936]
2022-12-22 10:12:40,000 INFO 4936 - [http://localhost:8080/] - [INFO] --- ContextLoader -> [INFO] Root WebApplicationContext: initialization completed in 1 ms
2022-12-22 10:12:40,000 INFO 4936 - [http://localhost:8080/] - [INFO] Application context initialized.

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Capstone - foodbox/src/main/java/com/foodbox/repository/ProductRepository.java - Eclipse IDE

```
File Edit Source Refactor Navigate Search Project Run Window Help
Project Explorer X CartRepository.java CustomerRepository.java ProductRepository.java X
src/main/java
com.foodbox
com.foodbox.config
com.foodbox.controller
com.foodbox.exception
com.foodbox.model
com.foodbox.repository
AdminRepository.java
CartRepository.java
CustomerRepository.java
ProductRepository.java
PurchaseRepository.java
src/main/resources
src/test/java
JRE System Library [JavaSE-1.8]
Maven Dependencies
src
target
HELP.mnd
mvnw
mvnw.cmd
pom.xml
Servers [Capstone master]
Tomcat v10.0 Server at localhost-config
```

package com.foodbox.repository;

```
import java.util.List;
```

```
public interface ProductRepository extends JpaRepository<Product, Long>{
```

```
    @Query("Select p FROM Product p WHERE p.avail='yes' ORDER BY 'category'")
```

```
    List<Product> findbyAvail();
```

```
    @Query("SELECT p FROM Product p WHERE (p.avail LIKE 'yes') AND (p.name LIKE %?1%")
```

```
        + " OR p.des LIKE %?1%"
```

```
        + " OR p.price LIKE %?1%"
```

```
        + " OR p.category LIKE %?1%")")
```

```
    public List<Product> homeSearch(String keyword);
```

```
    @Query("SELECT p FROM Product p WHERE p.category LIKE 'Chinese' AND p.avail LIKE 'yes'")
```

```
    public List<Product> getChinese();
```

```
    @Query("SELECT p FROM Product p WHERE p.category LIKE 'Indian' AND p.avail LIKE 'yes'")
```

```
    public List<Product> getIndian();
```

```
    @Query("SELECT p FROM Product p WHERE p.category LIKE 'Mexican' AND p.avail LIKE 'yes'")
```

```
    public List<Product> getMexican();
```

```
    @Query("SELECT p FROM Product p WHERE p.category LIKE 'Italian' AND p.avail LIKE 'yes'")
```

```
    public List<Product> getItalian();
```

```
    @Query(value="SELECT p FROM Product p WHERE p.category LIKE 'Italian' AND p.avail LIKE 'yes'")
```

Capstone - foodbox/src/main/java/com/foodbox/repository/PurchaseRepository.java - Eclipse IDE

```
File Edit Source Refactor Navigate Search Project Run Window Help
Project Explorer X CartRepository.java CustomerRepository.java ProductRepository.java PurchaseRepository.java X
src/main/java
com.foodbox
com.foodbox.config
com.foodbox.controller
com.foodbox.exception
com.foodbox.model
com.foodbox.repository
AdminRepository.java
CartRepository.java
CustomerRepository.java
ProductRepository.java
PurchaseRepository.java
src/main/resources
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JRE System Library [JavaSE-1.8]
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Servers [Capstone master]
Tomcat v10.0 Server at localhost-config
```

package com.foodbox.repository;

```
import java.util.List;
```

```
public interface PurchaseRepository extends JpaRepository<Purchase, Long>{
```

```
    @Query("Select p FROM Purchase p WHERE p.customer_email LIKE %?1%")
```

```
    public List<Purchase> getByEmail(String email);
```

```
    public List<Purchase> findAllByOrderByIdAsc();
```

```
    @Query("Select p FROM Purchase p WHERE p.transactionid LIKE %?1%")
```

```
        + " OR p.dop LIKE %?1%"
```

```
        + " OR p.productname LIKE %?1%"
```

```
        + " OR p.customer LIKE %?1%")")
```

```
    public List<Purchase> searchPurchase(String keyword);
```

Capstone - foodbox/src/main/resources/application.properties - Eclipse IDE

```

server.port=8686
spring.datasource.url=jdbc:mysql://localhost:3306/foodbox
spring.datasource.username=root
spring.datasource.password=LinkedIn912345
spring.datasource.driver-class-name=com.mysql.cj.jdbc.Driver
spring.jpa.properties.hibernate.dialect=org.hibernate.dialect.MySQL5InnoDBDialect
spring.jpa.hibernate.ddl-auto=update
logging.level.org.hibernate.SQL=DEBUG
logging.level.org.hibernate.type=TRACE

```

Project Explorer X

- foodbox [Capstone master]
 - src/main/java
 - src/main/resources
 - src/test/java
 - JRE System Library [JavaSE-1.8]
 - Maven Dependencies
 - src
 - target
 - HELP.md
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 - mvnw.cmd
 - pom.xml
- Servers [Capstone master]
 - Tomcat v10.0 Server at localhost-config

Markers Properties Servers Data Source Explorer Snippets Terminal Console X

FoodboxSpringApplication [Java Application] [pid:14936]

10:12:46.972 [Thread-0] DEBUG org.springframework.boot.devtools.restart.classloader.RestartClassLoader - Created RestartClassLoader org.springframework.boot.a

10:12:46.972 [Thread-0] DEBUG org.springframework.boot.devtools.restart.classloader.RestartClassLoader - Starting FoodboxSpringApplication using Java 17.0.5 on

10:12:47.337 INFO 14936 --- [restartedMain] com.foodbox.FoodboxSpringApplication : No active profile set, falling back to 1 default profil

10:12:47.400 INFO 14936 --- [restartedMain] e.DevToolsPropertyDefaultsProcessor : Devtools property defaults active! Set 'spring.devtools.property.defaults=true' for additional web related logging consider setting the

10:12:47.401 INFO 14936 --- [restartedMain] e.DevToolsPropertyDefaultsPostProcessor : For additional web related logging consider setting the

10:12:48.001 INFO 14936 --- [restartedMain] .s.d.r.c.RepositoryConfigurationDelegate : Bootstrapping Spring Data JPA repositories in DEFAULT n

10:12:48.073 INFO 14936 --- [restartedMain] .s.d.r.c.RepositoryConfigurationDelegate : Finished Spring Data repository scanning in 60 ms. Four

10:12:48.076 INFO 14936 --- [restartedMain] o.s.b.embedded.tomcat.TomcatWebServer : Tomcat initialized with port(s): 8686 (http)

10:12:48.789 INFO 14936 --- [restartedMain] o.apache.catalina.core.StandardService : Starting service [Tomcat]

10:12:48.789 INFO 14936 --- [restartedMain] org.apache.catalina.core.StandardEngine : Starting Servlet engine: [Apache Tomcat/9.0.69]

10:12:48.866 INFO 14936 --- [restartedMain] o.a.c.c.C.[Tomcat].[localhost].[] : Initializing Spring embedded WebApplicationContext

10:12:48.866 INFO 14936 --- [restartedMain] w.s.c.ServletWebServerApplicationContext : Root WebApplicationContext: initialization completed in

10:12:49.074 INFO 14936 --- [restartedMain] o.hibernate.jpa.internal.util.LogHelper : HHH000204: Processing PersistenceUnitInfo [name: defau

10:12:49.132 INFO 14936 --- [restartedMain] org.hibernate.Version : HHH0000412: Hibernate ORM core version 5.6.14.Final

10:12:49.284 INFO 14936 --- [restartedMain] o.hibernate.annotations.common.Version : HCANN000001: Hibernate Commons Annotations (5.1.2.Final)

10:12:49.390 INFO 14936 --- [restartedMain] com.zaxxer.hikari.HikariDataSource : HikariPool-1 - Starting...

10:12:49.709 INFO 14936 --- [restartedMain] com.zaxxer.hikari.HikariDataSource : HikariPool-1 - Start completed.

10:12:49.728 INFO 14936 --- [restartedMain] org.hibernate.dialect.Dialect : HHH000400: Using dialect: org.hibernate.dialect.MySQL5

10:12:50.445 INFO 14936 --- [restartedMain] o.h.e.t.j.p.JtaPlatformInitiator : HHH000490: Using JtaPlatform implementation: [org.hibernate.transaction.JtaPlatformInitiator]

10:12:50.463 INFO 14936 --- [restartedMain] j.LocalContainerEntityManagerFactoryBean : Initialized JPA EntityManagerFactory for persistence ur

10:12:51.106 WARN 14936 --- [restartedMain] JpaBaseConfiguration\$JpaWebConfiguration : spring.jpa.open-in-view is enabled by default. Therefore, if you

10:12:51.440 INFO 14936 --- [restartedMain] o.s.b.d.a.OptionalLiveReloadServer : LiveReload server is running on port 35729

10:12:51.474 INFO 14936 --- [restartedMain] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat started on port(s): 8686 (http) with context pat

10:12:51.486 INFO 14936 --- [restartedMain] com.foodbox.FoodboxSpringApplication : Started FoodboxSpringApplication in 4.504 seconds (JVM

Capstone - Eclipse IDE

File Edit Navigate Search Project Run Window Help

Project Explorer X

- foodbox [Capstone master]
 - src/main/java
 - src/main/resources
 - src/test/java
 - JRE System Library [JavaSE-1.8]
 - Maven Dependencies
 - src
 - target
 - HELP.md
 - mvnw
 - mvnw.cmd
 - pom.xml
- Servers [Capstone master]
 - Tomcat v10.0 Server at localhost-config

Markers Properties Servers Data Source Explorer Snippets Terminal Console X

FoodboxSpringApplication [Java Application] [pid:14936]

10:12:46.972 [Thread-0] DEBUG org.springframework.boot.devtools.restart.classloader.RestartClassLoader - Created RestartClassLoader org.springframework.boot.a

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FrontEnd Source Code

This screenshot shows the VS Code interface with the file `# admin-dashboard.component.css` open in the editor. The code defines styles for various components of an admin dashboard, including a logo, header title, and navigation links. A tooltip in the bottom right corner suggests installing the 'Angular Language Service' extension.

```
1 .logo{  
2     position: relative;  
3     top: 8px;  
4     height: 40px;  
5     width: 52px;  
6     cursor: pointer;  
7 }  
8 .header-title{  
9     position: relative;  
10    top: 8px;  
11    left: 25px;  
12    font-family: 'WindSong', cursive;  
13    font-size: 32px;  
14    color: #bf1e2e;  
15 }  
16 .bthHead{  
17    margin-left: 10px;  
18 }  
19 .active, .bthHead:hover{  
20    color: #bf1e2e;  
21 }  
22  
23 hr{  
24    margin: 0;  
25 }  
26 .prodLogo{  
27    position: relative;  
28    top: 20px;  
29    font-size: 36px;  
30 }
```

This screenshot shows the VS Code interface with the file `admin-dashboard.component.html` open in the editor. The code defines the structure of the admin dashboard, including a navigation bar with links to manage products, customers, and purchases, and a button for logging out. A tooltip in the bottom right corner suggests installing the 'Angular Language Service' extension.

```
1 <div>  
2     <nav class="navbar navbar-expand-lg navbar-light bg-light">  
3         <div>  
4               
5             <strong class="header-title">The Foodbox</strong>  
6         </div>  
7         <div class="collapse navbar-collapse" id="navbarNav">  
8             <ul class="navbar-nav ml-auto">  
9                 <li class="nav-item">  
10                    <button class="btn bthHead active"><i class="fas fa-tasks fa-lg"></i> Manage Products</button>  
11                </li>  
12                <li class="nav-item">  
13                    <button class="btn bthHead" routerLink="/manageCustomer"><i class="fas fa-users fa-lg"></i> Manage Customer</button>  
14                </li>  
15                <li class="nav-item">  
16                    <button class="btn bthHead" routerLink="/managePurchase"><i class="fas fa-shopping-basket fa-lg"></i> Manage Purchase</button>  
17                </li>  
18                <li class="nav-item">  
19                    <button class="btn bthHead float-right" (click)="adminLogout()">Logout</button>  
20                </li>  
21            </ul>  
22        </div>  
23    </nav>  
24    <hr>  
25 </div>  
26 <div class="container">  
27     <span class="text-center prodLogo">Product List</span>  
28     <button type="button" (click)="clickAddProduct()" data-toggle="modal" data-target="#exampleModal" class="btn btn-primary float-right AddProd">Add Product</button>  
29 
```

Foodbox-Frontend

File Edit Selection View Go Run Terminal Help

admin-dashboard.component.html TS admin-dashboard.component.ts

```
src > app > components > admin-dashboard > TS admin-dashboard.components.ts > AdminDashboardComponent > formValue
1 import { Router } from '@angular/router';
2 import { LogService } from '../../../../../service/log.service';
3 import { Component, OnInit } from '@angular/core';
4 import { ProductService } from 'src/app/service/product.service';
5 import { Product } from 'src/app/model/product';
6 import { Sort } from '@angular/material/sort';
7 import { FormBuilder, FormGroup } from '@angular/forms';

@Component({
  selector: 'app-admin-dashboard',
  templateUrl: './admin-dashboard.component.html',
  styleUrls: ['./admin-dashboard.component.css']
})
export class AdminDashboardComponent implements OnInit {
  public allProducts:Product[];
  public sortedProd:Product[];
  formValue!:FormGroup;
  productModelObj:Product=new Product();
  showAdd!: boolean;
  showUpdate!: boolean;
  message:string='';
  constructor(private logService:LogService,
  private router:Router,
  private productService:ProductService,
  private formBuilder:FormBuilder) {
    this.allProducts=[];
    this.sortedProd=this.allProducts.slice();
  }
}

ngOnInit(): void {
```

Ln 17, Col 24 Spaces: 2 UTF-8 LF {} TypeScript

master* 20°C Sunny 10:30 22-12-2022

Foodbox-Frontend

File Edit Selection View Go Run Terminal Help

admin-login.component.html TS admin-login.component.ts

```
src > app > components > admin-login > TS admin-login.components.ts > AdminLoginComponent > loginData
1 import { AdminService } from '../../../../../service/admin.service';
2 import { LogService } from '../../../../../service/log.service';
3 import { Component, OnInit } from '@angular/core';
4 import { FormBuilder, FormGroup } from '@angular/forms';
5 import { Router } from '@angular/router';

@Component({
  selector: 'app-admin-login',
  templateUrl: './admin-login.component.html',
  styleUrls: ['./admin-login.component.css']
})
export class AdminLoginComponent implements OnInit {
  formValue!: FormGroup;
  adminData:any;
  error:String='';
  loginData=[];
  username '';
  password '';
}

auth:any;

constructor(private logService:LogService, private adminService:AdminService, private router:Router) { }

ngOnInit(): void {
  this.logService.sendHeader(0);
}

loginSubmit(){
  if(this.loginData.username.trim()==''||this.loginData.username==null){
    this.error="Enter Username";
    return
  }
```

Ln 16, Col 14 Spaces: 2 UTF-8 LF {} TypeScript

master* 20°C Sunny 10:31 22-12-2022

The screenshot shows the VS Code interface with the title bar "Foodbox-Frontend". The Explorer sidebar on the left shows the project structure under "FOODBOX-FRONTEND". The main editor area displays the "cart.component.ts" file. The code implements an `OnInit` interface and uses services like `CartService` and `Router`. The status bar at the bottom shows "Ln 14, Col 31" and "TypeScript".

```
src > app > components > cart > cart.component.ts > CartComponent > cart
1 import { LogService } from '../../../../../service/log.service';
2 import { Cart } from '../../../../../model/cart';
3 import { CartService } from '../../../../../service/cart.service';
4 import { Component, OnInit } from '@angular/core';
5 import { Router } from '@angular/router';
6 import { Sort } from '@angular/material/sort';
7
8 @Component({
9   selector: 'app-cart',
10  templateUrl: './cart.component.html',
11  styleUrls: ['./cart.component.css']
12})
13export class CartComponent implements OnInit {
14  public cart: Cart = new Cart();
15  public products: Cart[];
16  public sortedCart: Cart[];
17  public grandTotal: number = 0;
18  constructor(private cartService: CartService, private router: Router, private logService: LogService) {
19    this.products = [];
20    this.sortedCart = this.products.slice();
21  }
22
23  ngOnInit(): void {
24    this.logService.sendHeader(1);
25    this.logService.loggedUserId$.subscribe(
26      (id) => {
27        if(id === ''){
28          this.router.navigate(['']);
29        }
30      });
31    this.getCartItemList();
32  }
33}
34
35
```

The screenshot shows the VS Code interface with the title bar "Foodbox-Frontend". The Explorer sidebar on the left shows the project structure under "FOODBOX-FRONTEND". The main editor area displays the "header.component.css" file, containing CSS rules for ".logo", ".header-title", ".btnMain", ".modal-footer button", and "th". The status bar at the bottom shows "Ln 14, Col 21" and "CSS".

```
src > app > components > header > header.component.css > .header-title
1 .logo{
2   position: relative;
3   top: 8px;
4   height: 80px;
5   width: 105px;
6   cursor: pointer;
7 }
8 .header-title{
9   position: relative;
10  top: 40px;
11  left: 20px;
12  font-family: "Papyrus", Fantasy;
13  font-style: italic;
14  font-size: 55px;
15  color: #332f41;
16 }
17 .btnMain{
18   font-size: 20px;
19 }
20 .btnMain:hover{
21   color: #bf1e2e;
22   background-color: aqua;
23 }
24 .modal-footer button{
25   background-color: #bf1e2e;
26   color: white;
27 }
28 th{
29   color: #bf1e2e;
30 }
```

File Edit Selection View Go Run Terminal Help

Foodbox-Frontend

EXPLORER

FOODBOX-FRONTEND

- src
- app
- components
- header
- header.component...
- header.component...
- header.component.ts

TS header.component.ts

```
src > app > components > header > TS header.component.ts > HeaderComponent > auth
1 import { LogService } from '../../../../../service/log.service';
2 import { Cart } from '../../../../../model/cart';
3 import { CustomerService } from '../../../../../service/customer.service';
4 import { CartService } from '../../../../../service/cart.service';
5 import { Customer } from '../../../../../model/customer';
6 import { Component, OnInit } from '@angular/core';
7 import { FormBuilder, FormGroup } from '@angular/forms';
8 import { Router } from '@angular/router';
9 import { ProductService } from 'src/app/service/product.service';
10 import { Purchase } from 'src/app/model/purchase';
11 import { PurchaseService } from 'src/app/service/purchase.service';
12
13 @Component({
14   selector: 'app-header',
15   templateUrl: './header.component.html',
16   styleUrls: ['./header.component.css']
17 })
18 export class HeaderComponent implements OnInit {
19   showHeader:number=0;
20   message:string='';
21   formValue!: FormGroup;
22   customer:Customer = new Customer();
23   auth:any;
24   loginData={
25     email:'',
26     password:'';
27   }
28   login:number=0;
29   productList:any;
30   public cart:Cart=new Cart();
31   public products:Cart[];
```

Ln 23, Col 12 Spaces: 2 UTF-8 LF {} TypeScript

master* 20°C Sunny 10:31 22-12-2022

File Edit Selection View Go Run Terminal Help

Foodbox-Frontend

EXPLORER

FOODBOX-FRONTEND

- src
- app
- components
- header
- header.component...
- header.component...
- header.component.ts

header.component.html

```
src > app > components > header > header.component.html > header > div.navbar.shadow-sm
1 <header *ngIf="showHeader==1">
2   <div class="navbar shadow-sm">
3     <div class="container">
4       <div class="navbar-brand align-item-center d-flex">
5         <div>
6           | 
7         </div>
8         <strong class="header-title">FoodBox Delicious Restaurent</strong>
9       </div>
10      <div *ngIf="login==0" class="text-right">
11        <button class="btn btnMain" type="button" data-toggle="modal" data-target="#loginModal" id="custLogin">Login</button>
12        <button class="btn btnMain" type="button" data-toggle="modal" data-target="#registerModal" id="cusRegister">Register</button>
13      </div>
14      <div *ngIf="login==1" class="text-right">
15        <button class="btn btnMain" (click)="getActiveOrders()" type="button" data-toggle="modal" data-target="#activeOrdersModal">My Orders</button>
16        <button class="btn btnMain" (click)="CustomerLogout()">Logout</button>
17      </div>
18    </div>
19    <button *ngIf="login==1" routerLink="cart" class="btn cart">
20      | <i style="font-size: 50px;color: #372861;" class="fas fa-cart-plus"></i>
21    </button>
22  </div>
23  <div class="modal fade" id="loginModal" tabindex="-1" role="dialog" aria-labelledby="myModalLabel">
24    <div class="modal-dialog" role="document">
25      <div class="modal-content">
26        <div class="modal-header text-center">
27          | <h4 class="modal-title w-100 font-weight-bold">Sign in</h4>
28          | <button type="button" class="close" id="cancel" data-dismiss="modal" aria-label="Close"></button>
29        </div>
30      </div>
31    </div>
32  </div>
```

Ln 19, Col 1 Spaces: 4 UTF-8 LF HTML

master* 20°C Sunny 10:32 22-12-2022

File Edit Selection View Go Run Terminal Help

manage-customers.component.html

```
src > app > components > manage-customers > manage-customers.component.html > div > nav.navbar.navbar-expand-lg.navbar-light.bg-light
  1  <div>
  2    <nav class="navbar navbar-expand-lg navbar-light bg-light">
  3      <div>
  4        
  5        <strong class="header-title">The Foodbox</strong>
  6      </div>
  7      <div class="collapse navbar-collapse" id="navbarNav">
  8        <ul class="navbar-nav ml-auto">
  9          <li class="nav-item">
 10            <button class="btn btnHead" routerLink="/adminDashboard">i class="fas fa-tasks fa-lg"></i> Ma...
 11            Products</button>
 12          </li>
 13          <li class="nav-item">
 14            <button class="btn btnHead active">i class="fas fa-users fa-lg"></i> Manage Users</button>
 15          </li>
 16          <li class="nav-item">
 17            <button class="btn btnHead" routerLink="/managePurchase">i ...
 18            class="fas fa-shopping-basket fa-lg"></i> Manage Purchases</button>
 19          </li>
 20          <li class="nav-item">
 21            <button class="btn btnHead float-right" (click)="adminLogout()">Logout</button>
 22          </li>
 23        </ul>
 24      </div>
 25      <hr>
 26    </div>
 27    <div>
 28      <div class="container">
 29        <span class="text-center prodLogo">Users List</span>
 30    </div>

```

Ln 25, Col 11 Spaces: 4 UTF-8 LF HTML

master* 20°C Sunny 10:32 22-12-2022

File Edit Selection View Go Run Terminal Help

manage-purchase.component.html

```
src > app > components > manage-purchase > manage-purchase.component.html > div > div.container > table.table.table-striped.table-bordered > tbody > tr
  1  <div>
  2    <nav class="navbar navbar-expand-lg navbar-light bg-light">
  3      <div>
  4        
  5        <strong class="header-title">The Foodbox</strong>
  6      </div>
  7      <div class="collapse navbar-collapse" id="navbarNav">
  8        <ul class="navbar-nav ml-auto">
  9          <li class="nav-item">
 10            <button class="btn btnHead" routerLink="/adminDashboard">i class="fas fa-tasks fa-lg"></i> Ma...
 11            Products</button>
 12          </li>
 13          <li class="nav-item">
 14            <button class="btn btnHead active">i class="fas fa-users fa-lg"></i> Manage Users</button>
 15          </li>
 16          <li class="nav-item">
 17            <button class="btn btnHead" routerLink="/manageCustomer">i ...
 18            class="fas fa-shopping-basket fa-lg"></i> Manage Purchases</button>
 19          </li>
 20          <li class="nav-item">
 21            <button class="btn btnHead float-right" (click)="adminLogout()">Logout</button>
 22          </li>
 23        </ul>
 24      </div>
 25      <hr>
 26    </div>
 27    <div>
 28      <div class="container">
 29
```

Ln 50, Col 54 Spaces: 4 UTF-8 LF HTML

master* 20°C Sunny 10:32 22-12-2022

File Edit Selection View Go Run Terminal Help

manage-customers.component.html order-summary.component.html

```
<div> manage-customers.component.html <div> order-summary.component.html
  -8 > <div> card > <div> invoice p-5 > <div> payment border-top mt-3 mb-3 border-bottom table-responsive > <table> table.table.table-borderless > <tbody> <tr> <td> <div>
    1   <div class="container mt-5 mb-5">
    2     <div class="row d-flex justify-content-center">
    3       <div class="col-md-8">
    4         <div class="card">
    5           <div class="text-left logo p-2 px-5">  </div>
    6           <div class="invoice p-5">
    7             <h5>Your order Confirmed!</h5> <span class="font-weight-bold d-block mt-4">Hello, {{customer.name}}</span>
    8             <div class="payment border-top mt-3 mb-3 border-bottom table-responsive">
    9               <table class="table table-borderless">
   10                 <tbody>
   11                   <tr>
   12                     <td>
   13                       <div class="py-2"> <span class="d-block text-muted">Order Date</span> <span>{{order.createdAt | date:'medium'}}</span>
   14                     </td>
   15                     <td>
   16                       <div class="py-2"> <span class="d-block text-muted">Transaction Id</span> <span>{{order.transactionId}}</span>
   17                     </td>
   18                     <td>
   19                       <div class="py-2"> <span class="d-block text-muted">Payment</span> <span>{{order.paymentMethod}}</span>
   20                     </td>
   21                     <td>
   22                       <div class="py-2"> <span class="d-block text-muted">Shipping Address</span> <span>{{order.shippingAddress}}</span>
   23                     </td>
   24                   </tr>
   25                 </tbody>
   26               </table>
   27             <div class="product border-bottom table-responsive">
   28               <table class="table table-borderless">
   29                 <tbody>
   30                   <tr>
```

Ln 22, Col 41 Spaces: 4 UTF-8 LF HTML

master* 20°C Sunny 10:32 22-12-2022

File Edit Selection View Go Run Terminal Help

manage-customers.component.html payment-gateway.component.html

```
<div> manage-customers.component.html <div> payment-gateway.component.html
  > <div> row.d-flex.justify-content-center > <div> col-1x-7.col-lg-8.col-md-9.col-sm-11 > <div> card.border-0 > <div> row > <div> col-sm-7.border-line.pb-3 > <div> form-group
    1   <div class="container-fluid px-1 px-md-2 px-lg-4 py-5 mx-auto">
    2     <div class="row d-flex justify-content-center">
    3       <div class="col-1x-7 col-lg-8 col-md-9 col-sm-11">
    4         <div class="card border-0">
    5           <div class="row justify-content-center">
    6             <h3 class="mb-4">Credit Card Checkout</h3>
    7           </div>
    8           <div class="row">
    9             <div class="col-sm-7 border-line pb-3">
   10               <div class="form-group">
   11                 <p class="text-muted text-sm mb-0">Name on the card</p> <input type="text" name="name" placeholder="John Doe" required>
   12               </div>
   13               <div class="form-group">
   14                 <p class="text-muted text-sm mb-0">Card Number</p>
   15                 <div class="row px-3"> <input type="text" name="card-num" placeholder="0000 0000 0000 0000" required>
   16                   
   17               </div>
   18               </div>
   19               <div class="form-group">
   20                 <p class="text-muted text-sm mb-0">Expiry date</p> <input type="text" name="exp" placeholder="MM/YY" required>
   21               </div>
   22               <div class="form-group">
   23                 <p class="text-muted text-sm mb-0">CVV/CVC</p> <input type="password" name="cvv" placeholder="123" required>
   24               </div>
   25             </div>
   26             <div class="col-sm-5 text-sm-center justify-content-center pt-4 pb-4"> <small class="text-sm text-muted mb-5">{{transId}}</small> <small class="text-sm text-muted">Payment amount</small>
   27             <div class="row px-3 justify-content-sm-center">
   28               <h2><span class="text-md mr-2">₹</span><span class="text-danger">{{totalCost}}</span></h2>
   29             </div>
   30           </div>
```

Ln 18, Col 16 Spaces: 4 UTF-8 LF HTML

master* 20°C Sunny 10:33 22-12-2022

A screenshot of the Visual Studio Code interface. The title bar says "Foodbox-Frontend". The left sidebar shows a file tree with a folder "FOODBOX-FRONTEND" containing ".angular", ".vscode", "node_modules", and "src" folders. Inside "src", there are "app", "components", "model", and "product" folders. "product" contains files like "product.component.ts", "product.component.css", and "product.component.html". "product.component.html" is the active file, showing a template for a carousel with four slides. The status bar at the bottom shows "Ln 17, Col 39" and other settings.

```
src > app > components > product > product.component.html > div.card-top.container-fluid
1   <div id="carouselExampleSlidesOnly" class="carousel slide" data-interval="3000" data-ride="carousel">
2     <div class="carousel-inner">
3       <div class="carousel-item active">
4         
5       </div>
6       <div class="carousel-item">
7         
8       </div>
9       <div class="carousel-item">
10        
11      </div>
12      <div class="carousel-item">
13        
14      </div>
15    </div>
16  </div>
17  <div class="card-top container-fluid">
18    <div class="container d-flex">
19      <div class="container d-flex">
20        <nav class="navbar navbar-expand-lg navbar-light col-md-7">
21          <div class="navSec">
22            <a (click)="getProducts()" id="allProducts" class="navbar-brand">All Products</a>
23          </div>
24          <div class="navSec">
25            <a (click)="categoryChinese()" id="chinese" class="navbar-brand">Chinese</a>
26          </div>
27          <div class="navSec">
28            <a (click)="categoryIndian()" id="indian" class="navbar-brand">Indian</a>
29          </div>
30        <div class="navSec">
```

A screenshot of the Visual Studio Code interface. The title bar says "Foodbox-Frontend". The left sidebar shows a file tree with a folder "FOODBOX-FRONTEND" containing ".angular", ".vscode", "node_modules", and "src" folders. Inside "src", there are "app", "components", "model", and "product" folders. "model" contains files like "admin.ts", "cart.ts", "customer.ts", "products.ts", and "purchase.ts". "admin.ts" is the active file, showing a TypeScript class "Admin" with properties "username" and "password". The status bar at the bottom shows "Ln 4, Col 2" and other settings.

```
src > app > model > admin.ts > Admin
1 export class Admin {
2   username:string;
3   password:string;
4 }
```

VS Code interface showing the `product.ts` file in the `Foodbox-Frontend` project. The code defines a `Product` class with properties: `id`, `name`, `desc`, `category`, `actualPrice`, `discount`, `price`, `avail`, and `imagepath`.

```
src > app > model > TS product.ts > Product
1 export class Product{
2   id:number;
3   name:string;
4   desc:string;
5   category:string;
6   actualPrice:number;
7   discount:number;
8   price:number;
9   avail:string;
10  imagepath:string;
11 }
```

VS Code interface showing the `customer.service.ts` file in the `Foodbox-Frontend` project. The code defines a `CustomerService` class with methods for adding a customer, logging in a customer, getting all customers, searching for a customer by keyword, and deleting a customer.

```
src > app > service > TS customer.service.ts > CustomerService > baseURL
1 import { Observable } from 'rxjs';
2 import { Customer } from './model/customer';
3 import { HttpClient } from '@angular/common/http';
4 import { Injectable } from '@angular/core';
5
6 @Injectable({
7   providedIn: 'root'
8 })
9 export class CustomerService {
10   private baseURL="http://localhost:8686/customers";
11   constructor(private httpClient:HttpClient) { }
12
13   addCustomer(customer:Customer):Observable<Object>{
14     return this.httpClient.post(`${this.baseURL}`,customer);
15   }
16
17   customerLogin(loginData:any):Observable<Object>{
18     return this.httpClient.post(`${this.baseURL}/${loginData.email}`,loginData);
19   }
20
21   getCustomers():Observable<Customer[]>{
22     return this.httpClient.get<Customer[]>(`${this.baseURL}`);
23   }
24
25   searchCustomer(keyword:any):Observable<Customer[]>{
26     return this.httpClient.get<Customer[]>(`${this.baseURL}/search/${keyword}`);
27   }
28
29   deleteCustomer(email:string):Observable<Customer>{
30     return this.httpClient.delete<Customer>(`${this.baseURL}/${email}`);
31   }
32 }
```

A screenshot of a Windows desktop environment. In the foreground, a code editor window titled "Foodbox-Frontend" is open, showing the file "app.module.ts". The code defines an Angular module named AppModule with declarations and imports. In the background, a terminal window titled "npm" is running a command to serve the application.

```
src > app > TS app.module.ts > AppModule
1.4 import { AdminLoginComponent } from './components/admin-login/admin-login.component';
1.5 import { AdminDashboardComponent } from './components/admin-dashboard/admin-dashboard.component';
1.6 import { ManageCustomersComponent } from './components/manage-customers/manage-customers.component';
1.7 import { ManagePurchaseComponent } from './components/manage-purchase/manage-purchase.component';
1.8 import { PaymentGatewayComponent } from './components/payment-gateway/payment-gateway.component';
1.9 import { OrderSummaryComponent } from './components/order-summary/order-summary.component';
20
21 @NgModule({
22   declarations: [
23     AppComponent,
24     HeaderComponent,
25     ProductComponent,
26     CartComponent,
27     AdminLoginComponent,
28     AdminDashboardComponent,
29     ManageCustomersComponent,
30     ManagePurchaseComponent,
31     PaymentGatewayComponent,
32     OrderSummaryComponent,
33   ],
34   imports: [
35     BrowserModule,
36     AppRoutingModule,
37     HttpClientModule,
38     FormsModule,
39     ReactiveFormsModule,
40     BrowserAnimationsModule,
41     MatSnackBarModule,
42     MatSortModule
43   ],
44 })
45 
```

A screenshot of a Windows desktop environment. A terminal window titled "npm" is open, showing the output of the command "ng serve". It displays the browser application bundle generation complete, the initial chunk files, build time, and hash, followed by a message indicating successful compilation and the start of the Angular Live Development Server.

```
Microsoft Windows [Version 10.0.22621.963]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Acer\Desktop\Capstone\Foodbox-Frontend>ng serve
/ Browser application bundle generation complete.

Initial Chunk Files    | Names          | Raw Size
vendor.js              | vendor        | 3.58 MB
styles.css, styles.js  | styles        | 328.00 kB
polyfills.js           | polyfills    | 314.29 kB
main.js                | main         | 206.23 kB
runtime.js             | runtime      | 6.53 kB
                           | Initial Total | 4.41 MB

Build at: 2022-12-22T05:26:37.656Z - Hash: 2e57e542578a5e52 - Time: 8718ms

** Angular Live Development Server is listening on localhost:4200, open your browser on http://localhost:4200/ **

/ Compiled successfully.
/ Browser application bundle generation complete.

5 unchanged chunks

Build at: 2022-12-22T05:26:39.329Z - Hash: 2e57e542578a5e52 - Time: 1361ms

/ Compiled successfully.
```