



CAPSTONE PROJECT



By Group 3 (Group B)

Shop For Home

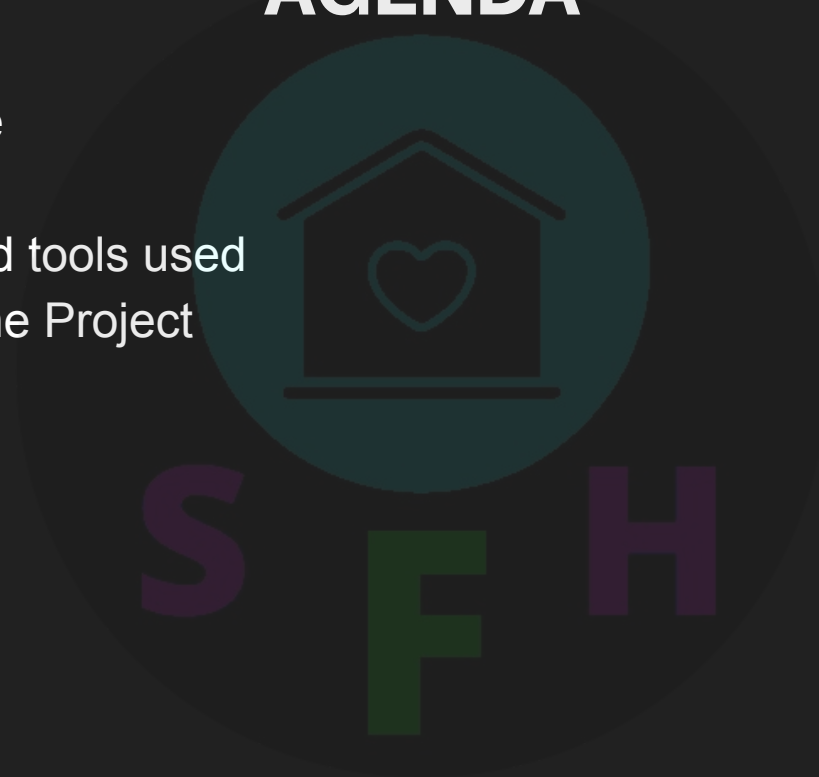
- Priyanka Nandy
- Ritik Arvind Bansod
- Syamkumar Battina
- Amitesh Kumar
- Vidyangan Shyam

Mentorship of-

Mr. Ajay Reddy

AGENDA

- Project Objective
- Project flow
- Technologies and tools used
- Architecture of the Project
- ER Diagram
- Visuals

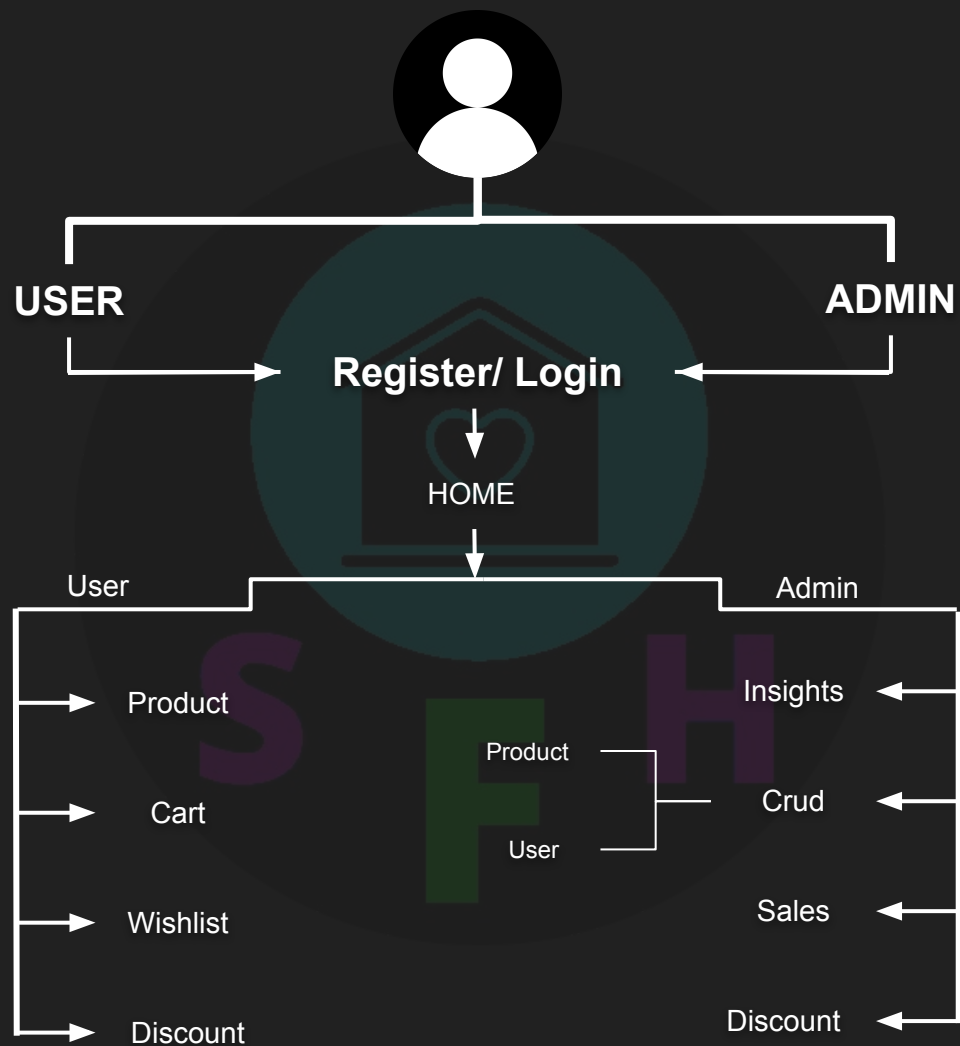


PROJECT OBJECTIVE

The primary objective behind the Shop For Home project is to maintain the traditional way of shopping furnitures and home decors in this outbreak of nobel Coronavirus all with the ease of shopping from home keeping the customer's safety at utmost priority.

PROJECT FLOW

- The project is totally built in two different modules:-
 - User module
 - Admin Module
- Each module has its own defined set of controls and actions.
- In the user module, following actions can be performed:-
Product, Cart, Wishlist, Apply Discounts
- In the user module, following actions can be performed:-
Product Insights, CRUD, Sales, Add Discounts



Technologies and Tools Used

- **Frontend** :- Angular
- **Backend** :- Java (Spring Boot Suite, Microservices)
- **Web Server** :- Tomcat
- **Database** :- MySQL

The logo features a stylized house icon with a heart inside, set against a dark teal circular background. Below this, the letters 'S', 'F', and 'H' are displayed in a large, bold, sans-serif font. The 'S' and 'H' are purple, while the 'F' is a dark green.

Technologies and Tools Used

- **Angular :-**

Angular is a TypeScript-based free and open-source web application framework led by the Angular Team at Google and by a community of individuals and corporations. Angular is a complete rewrite from the same team that built AngularJS.



Technologies and Tools Used

- **Spring :-**

The Spring Framework is an application framework and inversion of control container for the Java platform.

The framework's core features can be used by any Java application



Technologies and Tools Used

- **Tomcat :-**

Apache Tomcat is a free and open-source implementation of the Jakarta Servlet, Jakarta Expression Language, and WebSocket technologies. Tomcat provides a "pure Java" HTTP web server environment in which Java code can run. Tomcat is developed and maintained by an open community of developers under the auspices of the Apache Software Foundation, released under the Apache License 2.0 license.



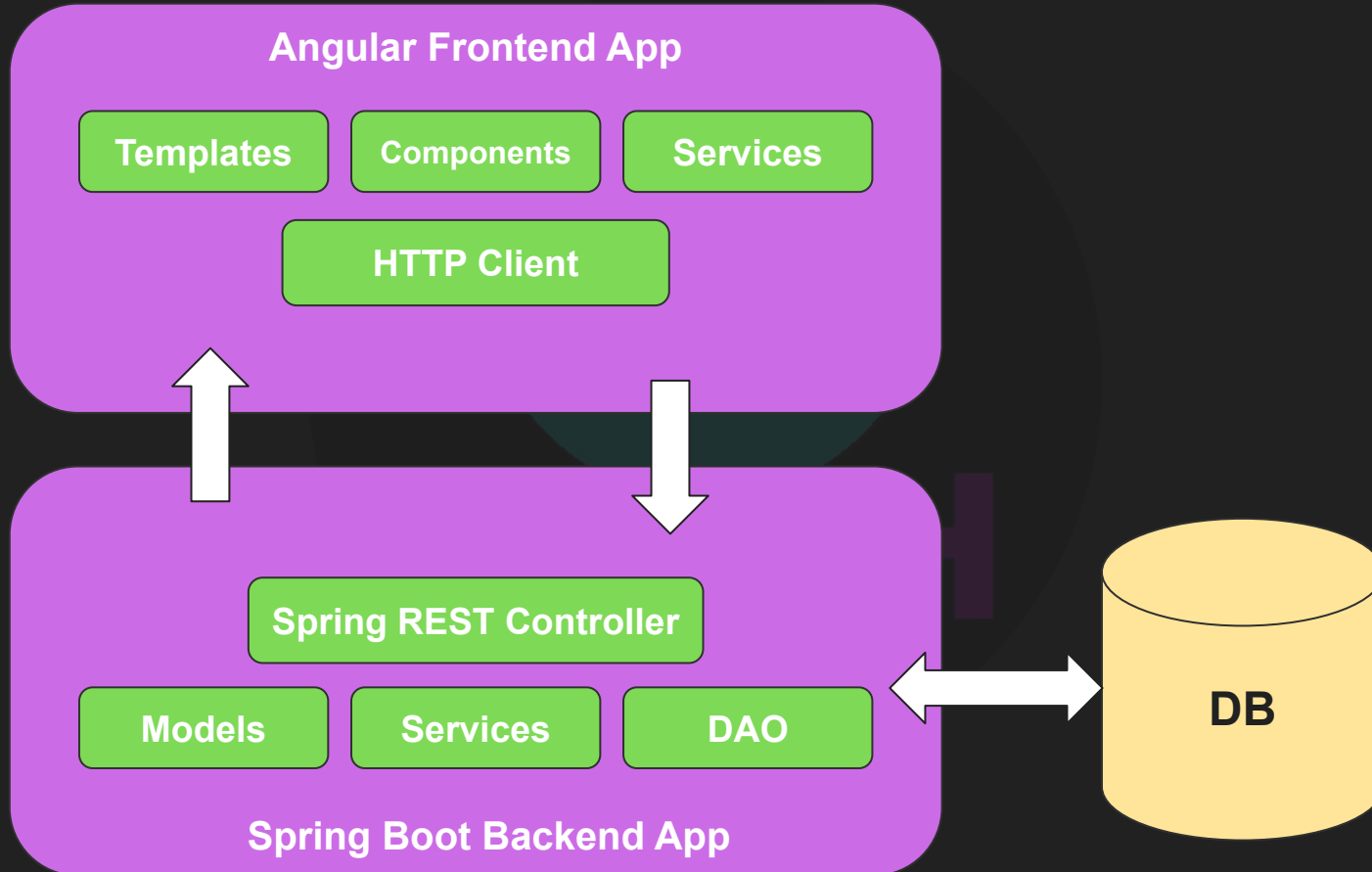
Technologies and Tools Used

- **MySQL :-**

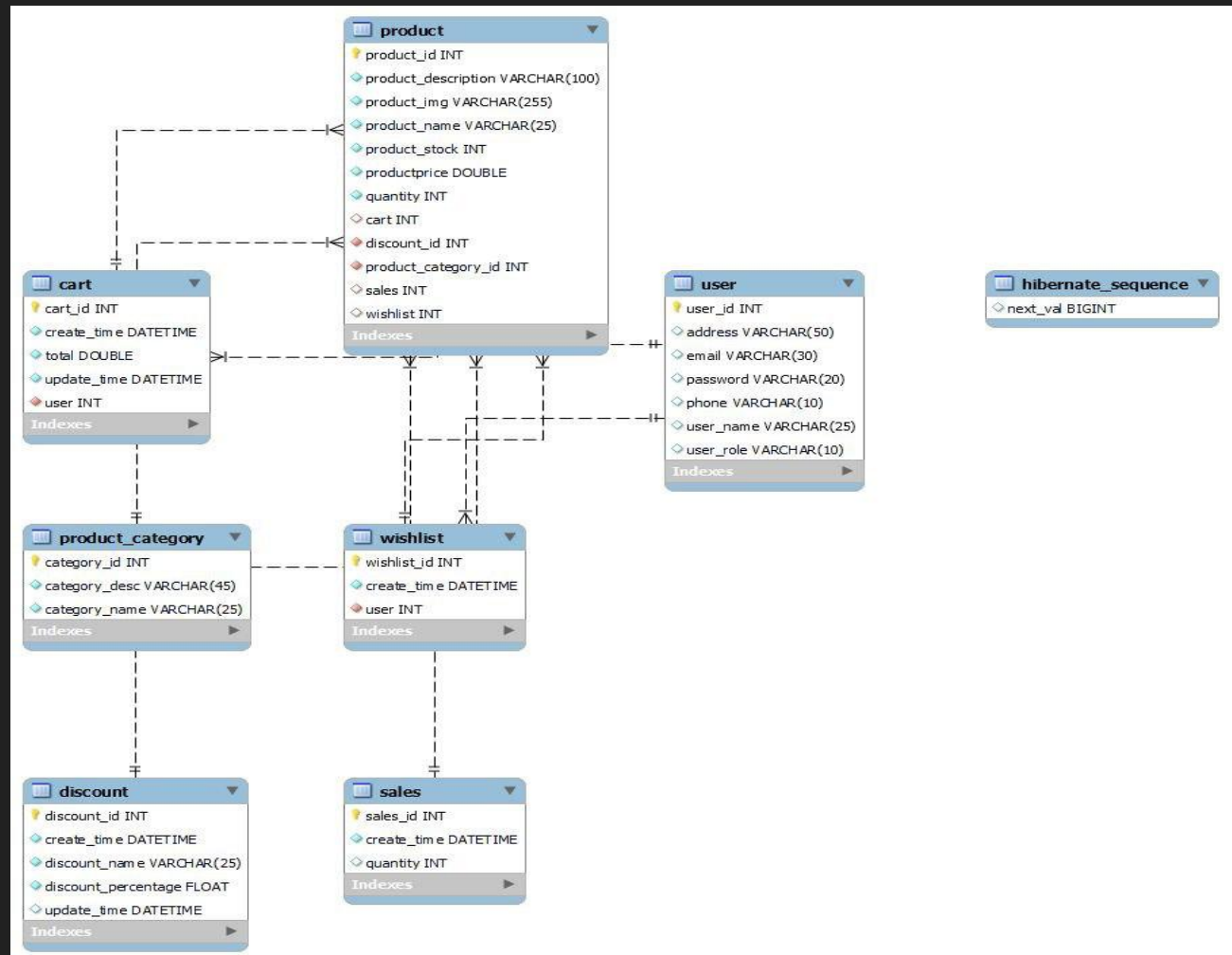
MySQL is an open-source relational database management system (RDBMS). A relational database organizes data into one or more data tables in which data may be related to each other; these relations help structure the data.



Architecture of The Project



ER Diagram





**Bed without Storage**

Queen Size Bed

Rs. 14999.00

Add to Wishlist

Add to Cart

**Wood Bed with Storage**

STORAGE SPACE: 920 Litres

Rs. 9999.00

Add to Wishlist

Add to Cart

**Glossy Metal Queen Bed**

Max Loading Capacity

Rs. 14499.00

Add to Wishlist

Add to Cart

**Sofa Couch**

Modern Chesterfield Design

Rs. 14999.00

Add to Wishlist

Add to Cart

**Sofa Cum Bed**

3 Seater, 6'X6' Feet- with 2 Cushions

Rs. 12499.00

Add to Wishlist

Add to Cart

**Solimo Tulip Leatherette**

Relaxing 3 seater sofa

Rs. 18999.00

Add to Wishlist

Add to Cart

**Ergonomic Chair**

Office Chair | Study Chair | Computer Chair

Rs. 7999.00

Add to Wishlist

Add to Cart

**Superb Office Chair**

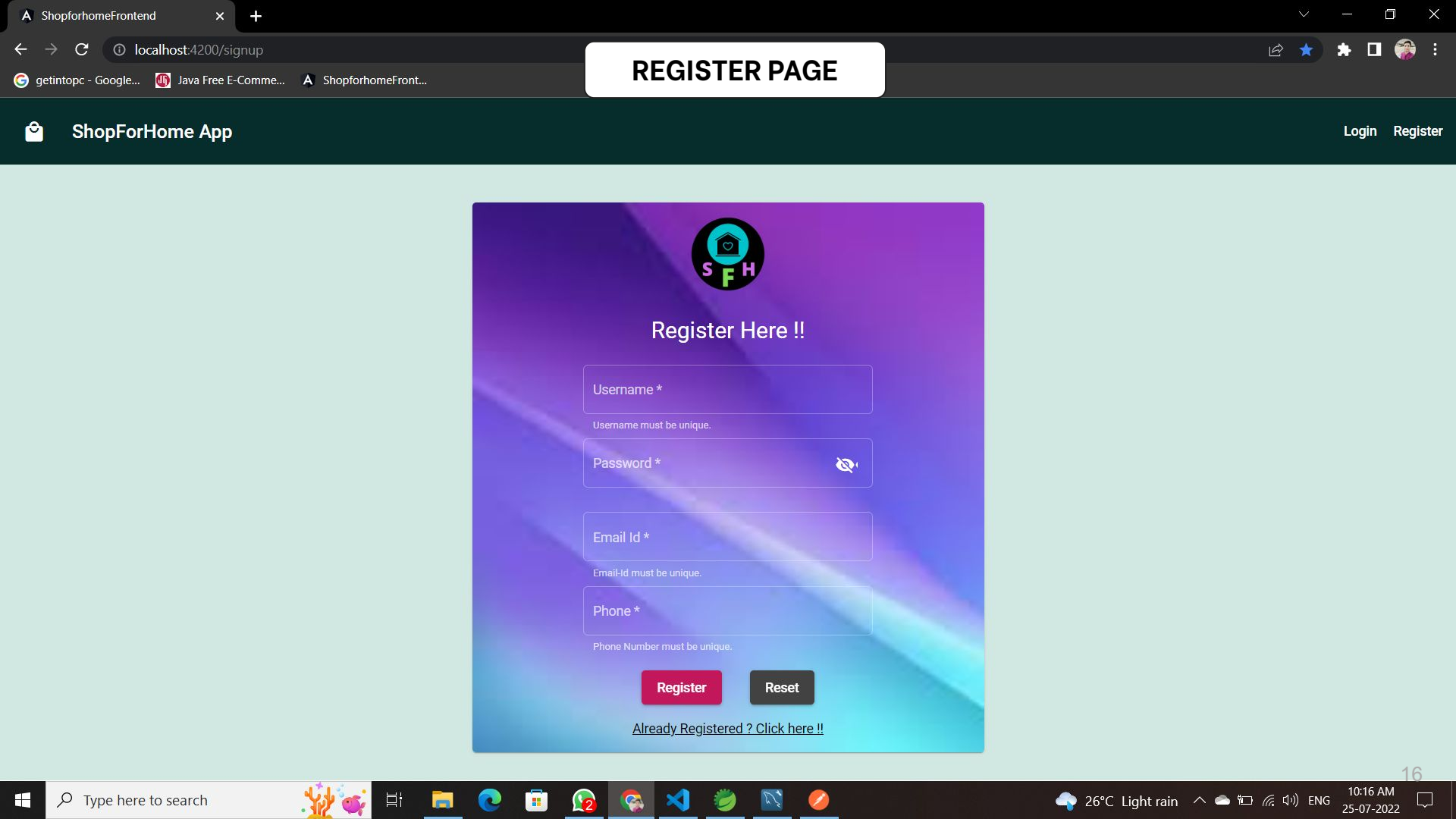
Home Office Desk Chair with 2D Adjustable


Rs. 10000.00

Add to Wishlist

Add to Cart

HOME PAGE






Register Here !!

Username *

Username must be unique.

Password *



Email Id *

Email Id must be unique.

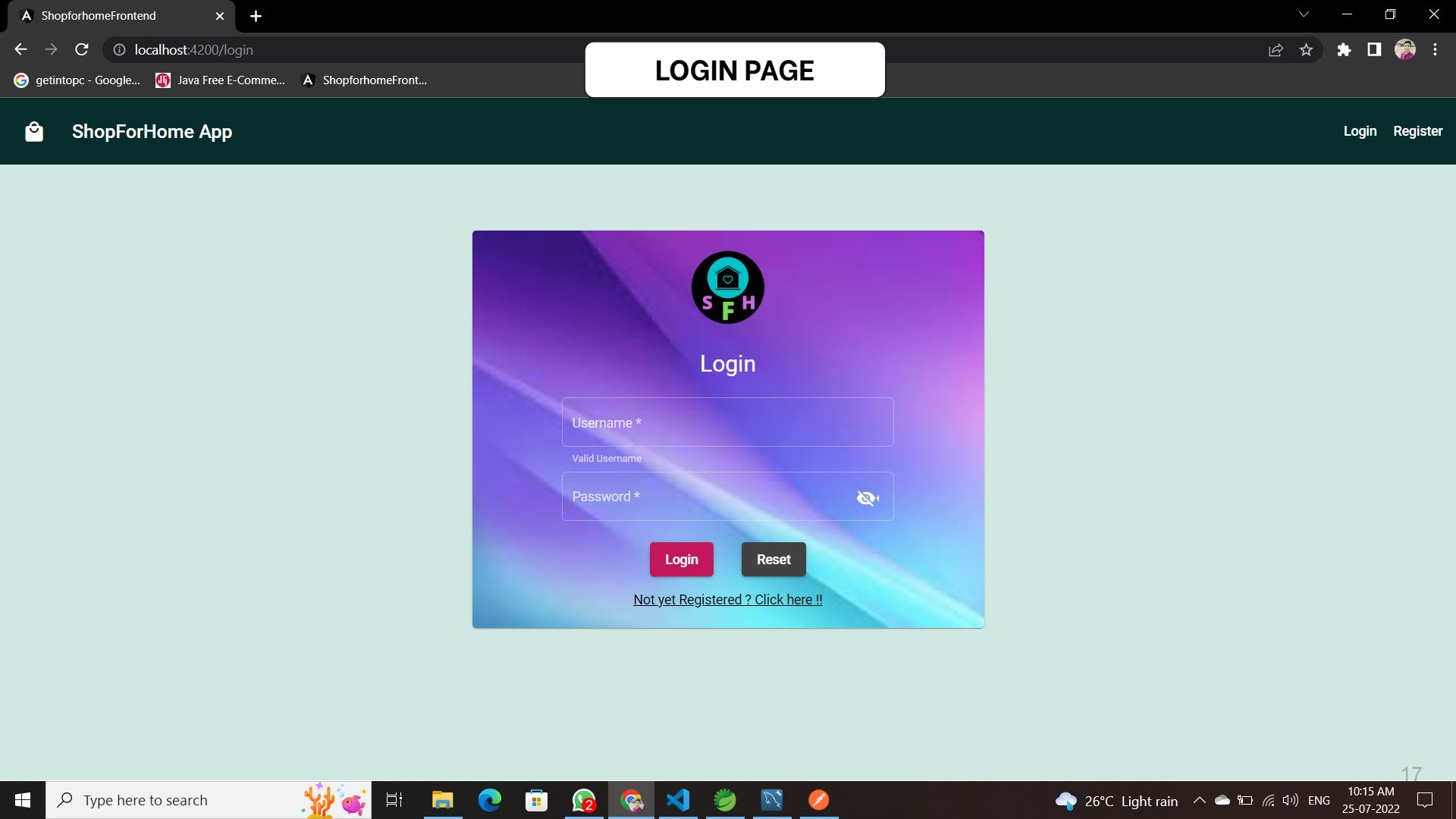
Phone *

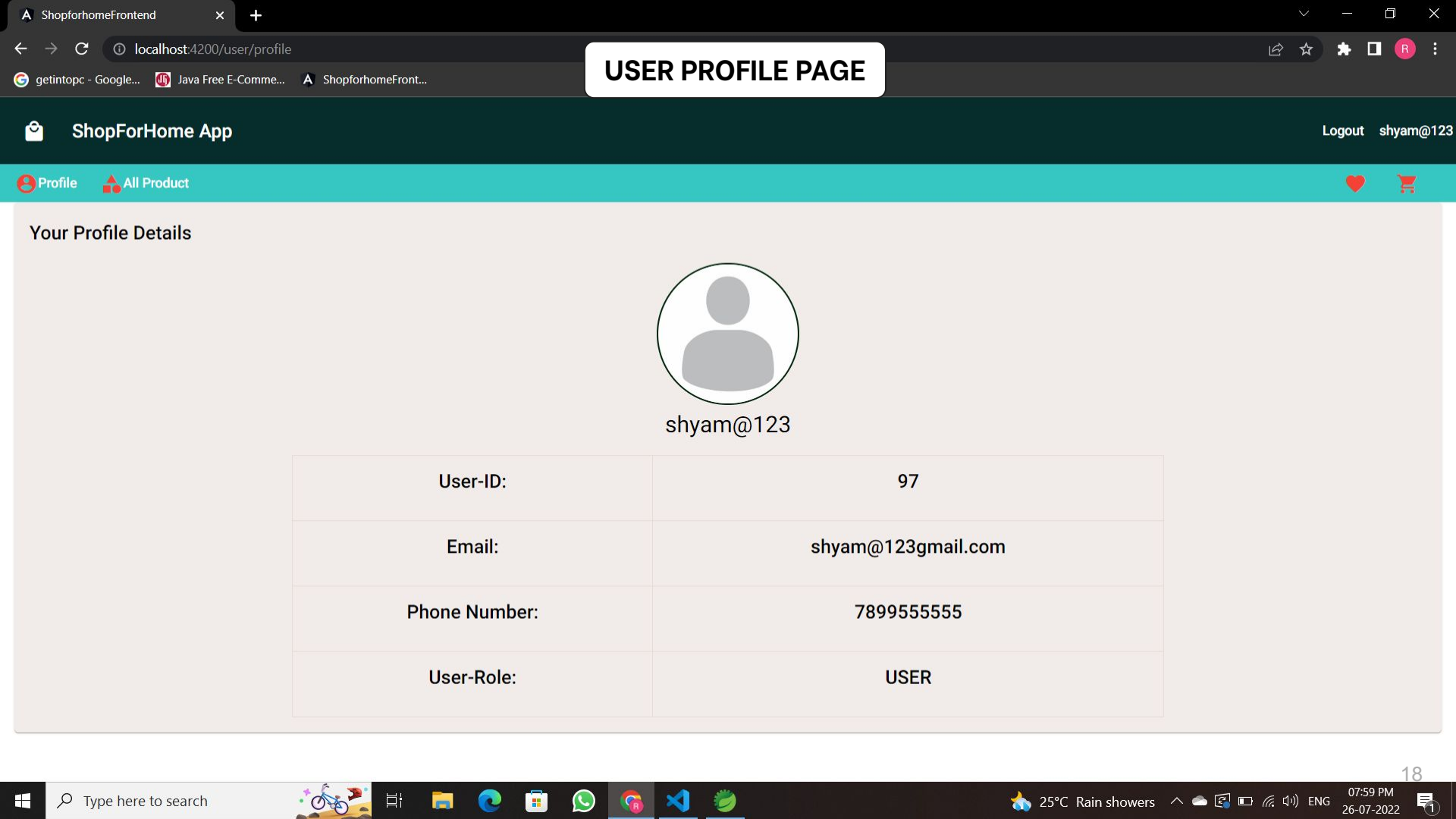
Phone Number must be unique.

Register

Reset

[Already Registered ? Click here !!](#)





USER PROFILE PAGE

ShopForHome App

Logout shyam@123

Profile All Product

Your Profile Details





shyam@123

| | |
|---------------|--------------------|
| User-ID: | 97 |
| Email: | shyam@123gmail.com |
| Phone Number: | 7899555555 |
| User-Role: | USER |

CART PAGE

[Profile](#) [All Product](#)

Shopping Cart

| Sr.no | Product Image | Product Name | Product Price | Quantity | |
|-------|-----------------------------------------------------------------------------------|-----------------------|---------------|--------------------------------|----------------------------------|
| 1 |  | Bed without Storage | 14999 | <input type="text" value="1"/> | Remove from cart |
| 1 |  | Wood Bed with Storage | 9999 | <input type="text" value="1"/> | Remove from cart |

Order Summary

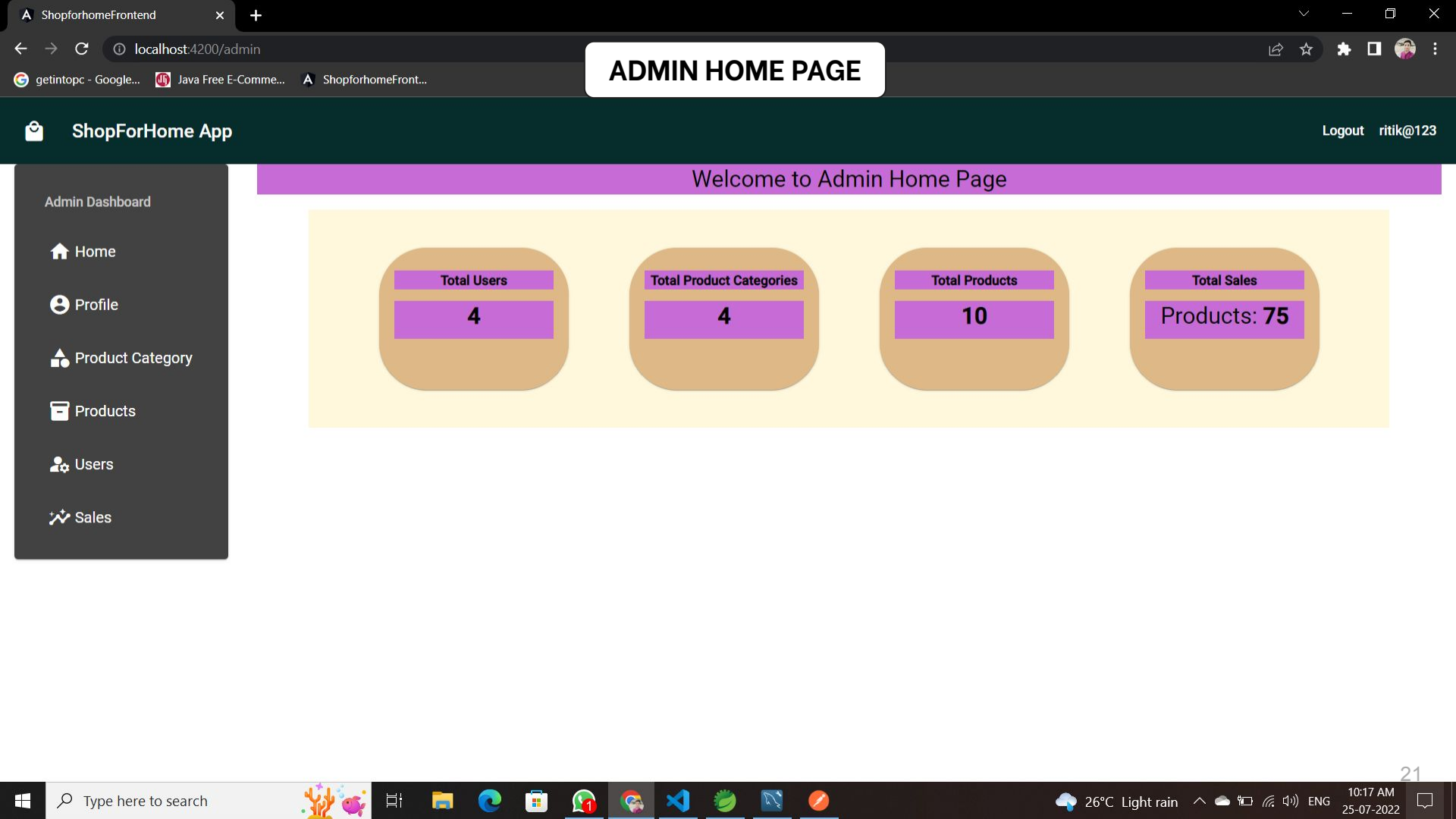
Totals Items : 2

Total Price : Rs. 24998.00

Discount : 20%

Grand Total : Rs. 19998.4

[Checkout](#)



ADMIN HOME PAGE

Welcome to Admin Home Page

Total Users

4

Total Product Categories

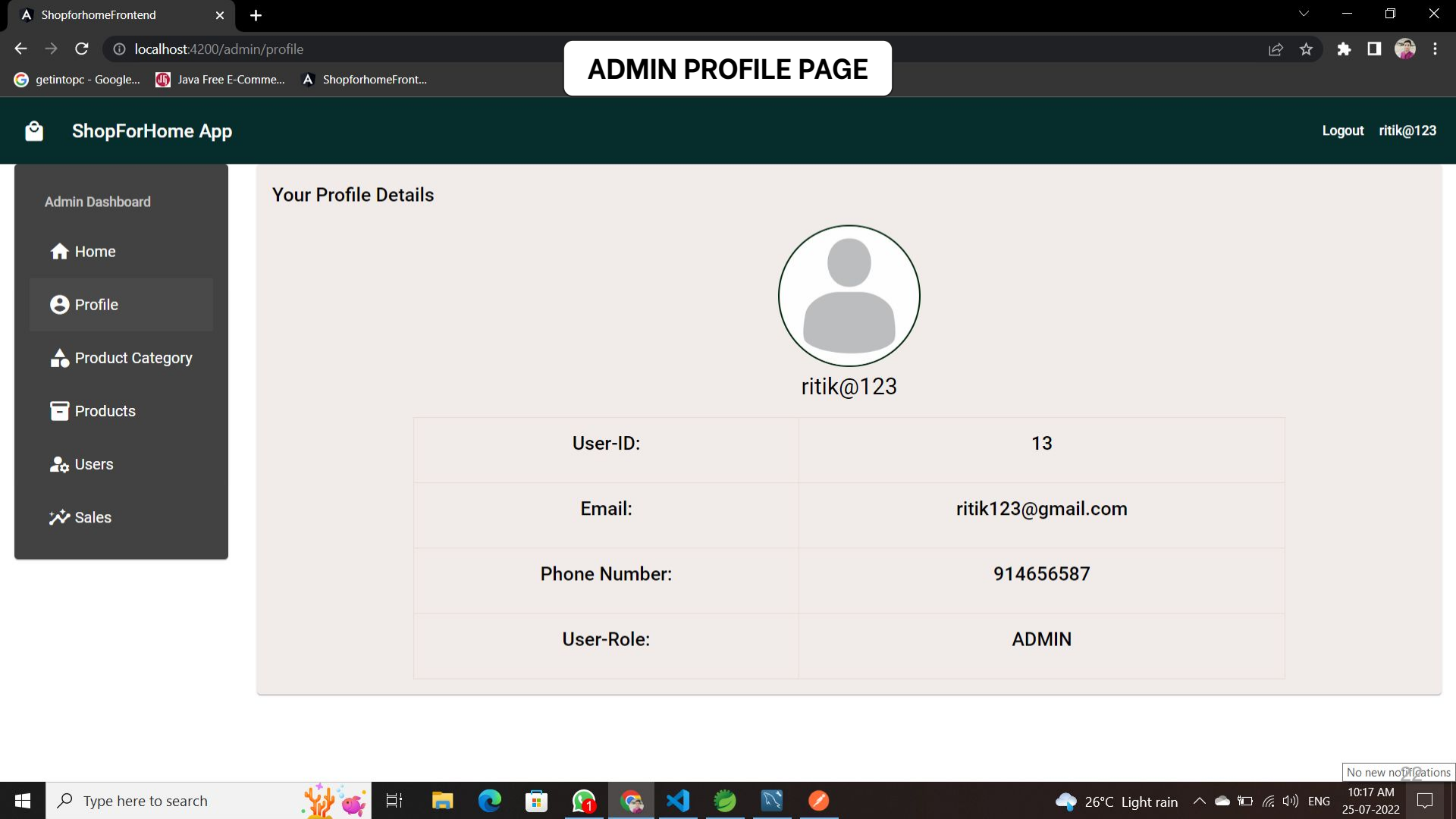
4

Total Products

10

Total Sales

Products: 75



ShopforhomeFrontend

localhost4200/admin/categoryCRUD

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PRODUCT
CATEGORY PAGE

ShopForHome AppLogoutritik@123

Admin Dashboard

Home

Profile

Product Category





Products

Users


Sales

Add New CategoryDelete CategoryUpdate Category

All Categories

| | | |
|-----------------------------------------------------------------------------------|-----------------------------------|-----------------|
|  | Beds All types of Beds | Category Id: 31 |
|  | Chair All types of Chairs | Category Id: 32 |
|  | Sofa All types of Sofa's | Category Id: 33 |
|  | Wardrobe All types of wardrobe | Category Id: 34 |

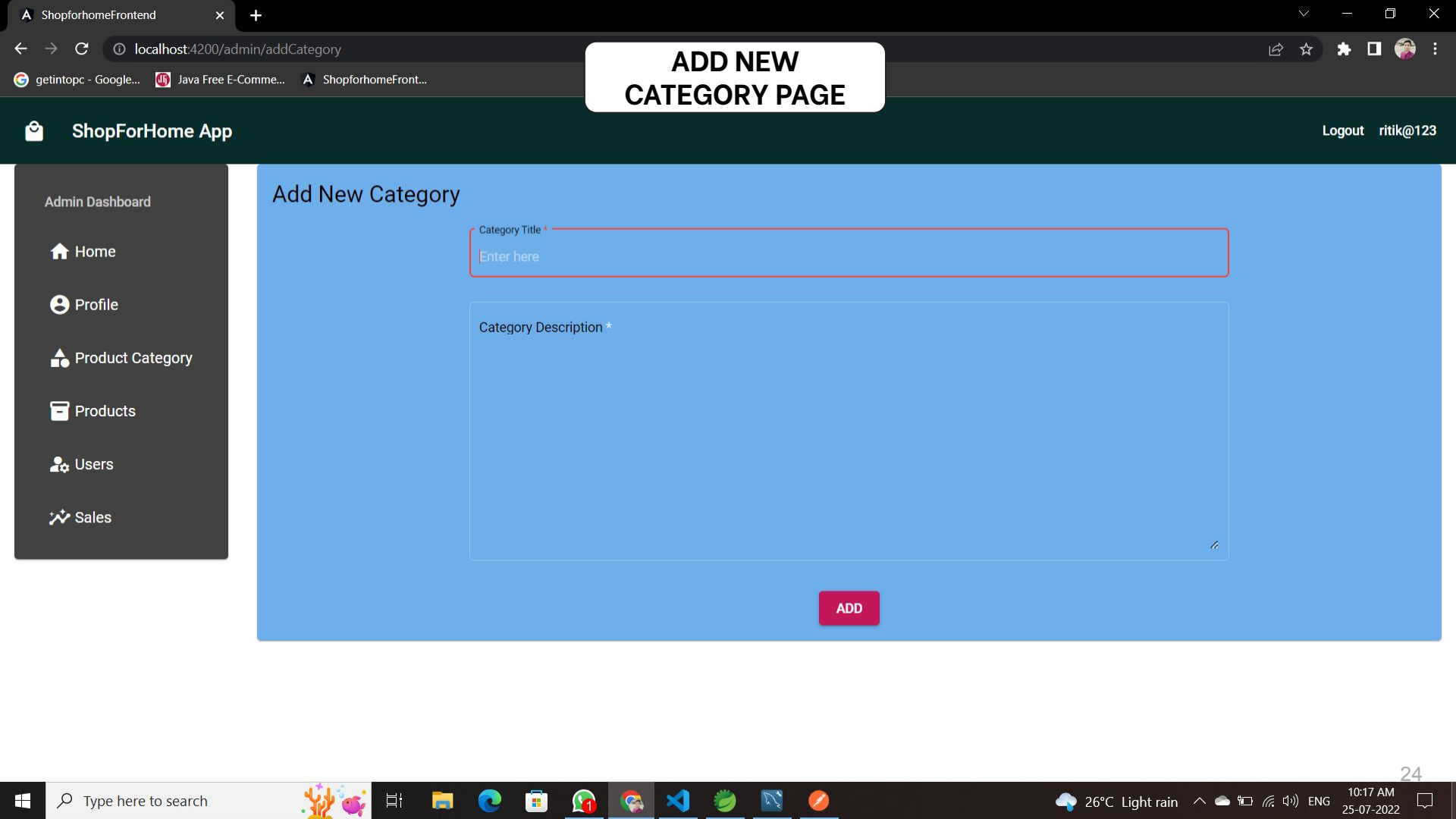
Type here to search

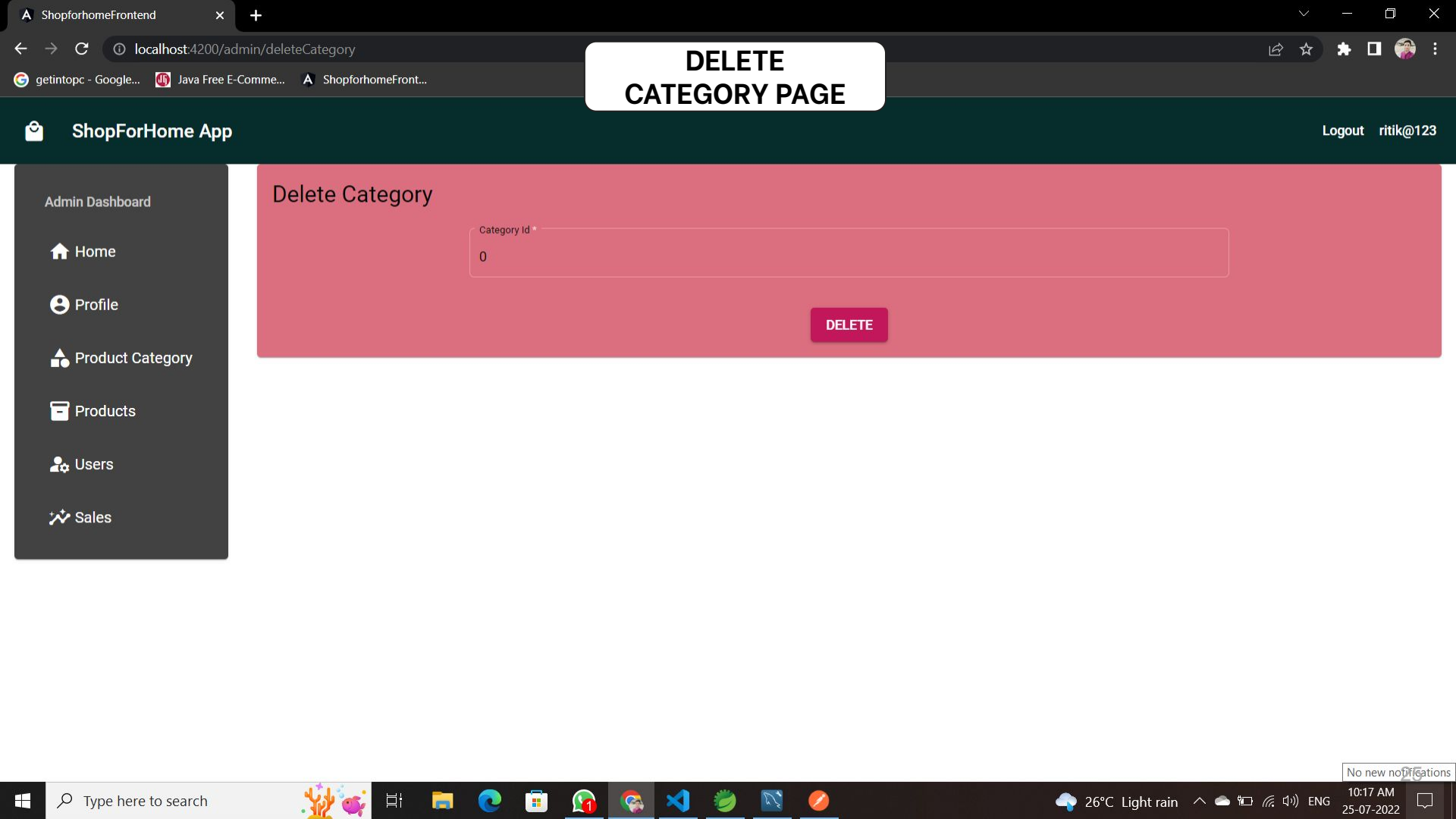


26°C Light rain

JioFiber-Ritik Bansod_5G
Internet access

23





DELETE CATEGORY PAGE

ShopForHome App

Logout ritik@123

Admin Dashboard

Home

Profile

Product Category

Products

Users

Sales

Delete Category

Category Id *

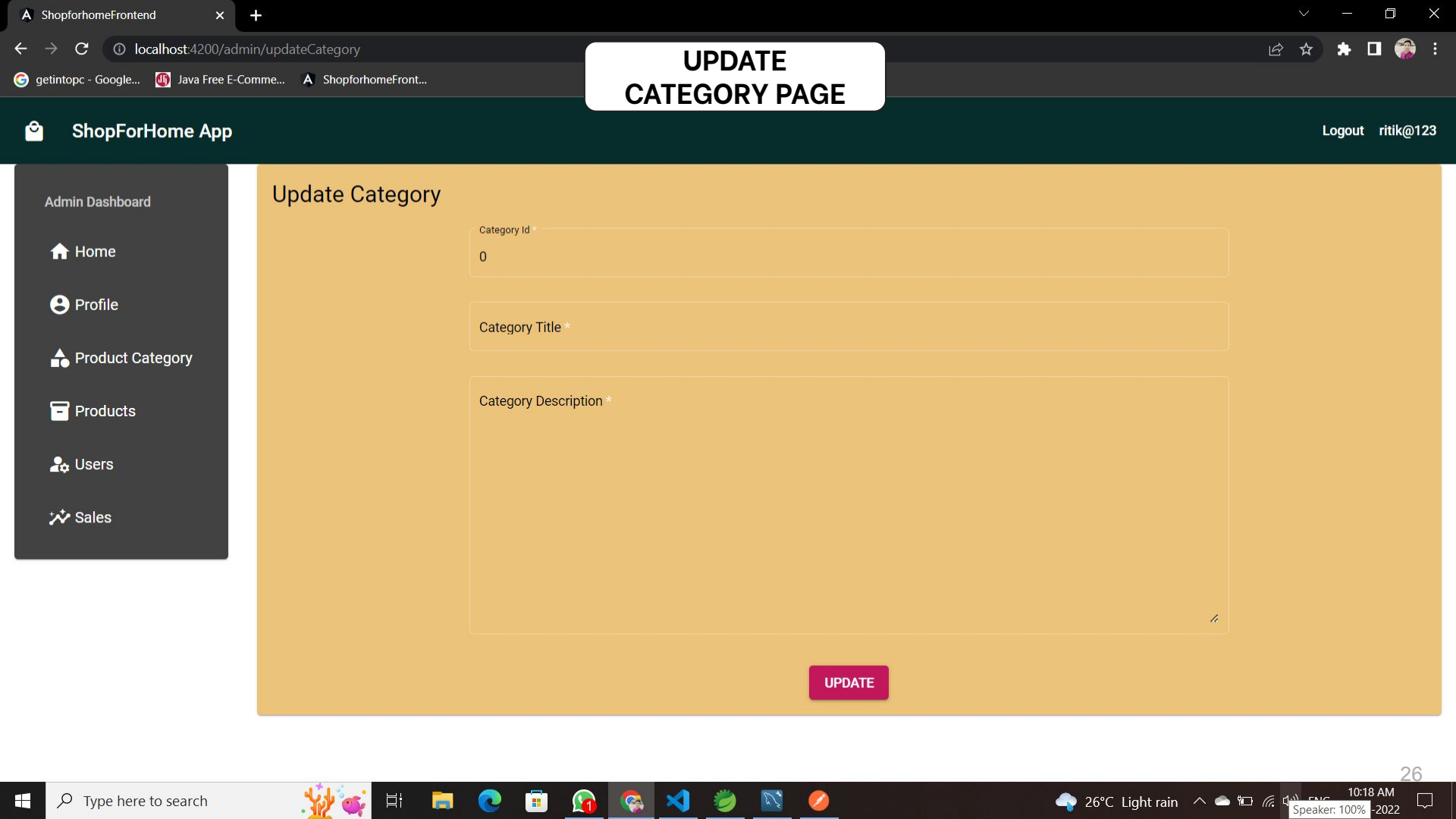
0

DELETE

No new notifications

26°C Light rain

10:17 AM
25-07-2022



UPDATE CATEGORY PAGE

ShopForHome App

Logout ritik@123

Admin Dashboard

Home

Profile

Product Category

Products

Users

Sales

Update Category

Category Id *

0

Category Title *

Category Description *

UPDATE

ShopforhomeFrontend

localhost:4200/admin/sales

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SALES PAGE

ShopForHome App

Logoutritik@123

Admin Dashboard

Home

Profile

Product Category

Products

Users

Sales

All Sales

| | | | |
|----|---------------------------------------------------|---------------|-------------------|
| \$ | SalesId: 2 Time: 2022-07-20T00:00:00.000+00:00 | ProductId: 20 | Total Quantity 23 |
| \$ | SalesId: 3 Time: 2022-07-20T00:00:00.000+00:00 | ProductId: 23 | Total Quantity 2 |
| \$ | SalesId: 4 Time: 2022-07-20T00:00:00.000+00:00 | ProductId: 23 | Total Quantity 50 |

Type here to search

26°C Light rain

10:18 AM

25-07-2022

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Package Explorer

- ShopForHome [boot] [devtools]
 - src/main/java
 - com.greatlearning
 - ShopForHomeApplication.java
 - com.greatlearning.controller
 - CartController.java
 - DiscountController.java
 - ProductCategoryController.java
 - ProductController.java
 - SalesController.java
 - UserController.java
 - WishlistController.java
 - com.greatlearning.dao
 - CartRepo.java
 - DiscountRepo.java
 - ProductCategoryRepo.java
 - ProductRepo.java
 - SalesRepo.java
 - UserRepo.java
 - WishlistRepo.java
 - com.greatlearning.entity
 - Cart.java
 - Discount.java
 - Product.java
 - ProductCategory.java
 - Sales.java
 - User.java
 - Wishlist.java
 - src/main/resources
 - src/test/java
 - JRE System Library [JavaSE-1.8]
 - Maven Dependencies
 - target/generated-sources/annotations
 - target/generated-test-sources/test-annotations
 - src
 - target
 - HELP.md
 - mvnw

CODE STRUCTURE

```
29    }
30
31    @DeleteMapping("/deleteCart/{cartId}")
32    public String deletcart(@PathVariable("cartId") Integer cartId) {
33        cartRepo.deleteById(cartId);
34        return "successfully deleted";
35    }
36
37    @GetMapping("/getAllcart")
38    private List<Cart> getcart()
39    {
40        return cartRepo.findAll();
41    }
42
43    @GetMapping("/getCart/{cartId}")
44    private Optional<Cart> getcart(@PathVariable("cartId") int cartId) {
45    }
46    return cartRepo.findById(cartId);
47    }
```

Outline

- com.greatlearning.controller
- CartController
 - cartRepo: CartRepo
 - insertcart(@RequestBody)
 - deletcart(@PathVariable)
 - getcart(): List<Cart>
 - getcart(@PathVariable)
 - updatecart(@RequestBody)

Problems Javadoc Declaration Console SonarLint On-The-Fly

ShopForHome - ShopForHomeApplication [Spring Boot App] [pid: 10480]

```
2022-07-26 19:50:35.146 INFO 10480 --- [ restartedMain] org.apache.catalina.core.StandardEngine
2022-07-26 19:50:35.222 INFO 10480 --- [ restartedMain] o.a.c.c.C.[Tomcat].[localhost].[/]
2022-07-26 19:50:35.222 INFO 10480 --- [ restartedMain] w.s.c.ServletWebServerApplicationContext
2022-07-26 19:50:35.467 INFO 10480 --- [ restartedMain] o.hibernate.jpa.internal.util.LogHelper
2022-07-26 19:50:35.562 INFO 10480 --- [ restartedMain] org.hibernate.Version
2022-07-26 19:50:35.813 INFO 10480 --- [ restartedMain] o.hibernate.annotations.common.Version
2022-07-26 19:50:35.958 INFO 10480 --- [ restartedMain] com.zaxxer.hikari.HikariDataSource
2022-07-26 19:50:36.607 INFO 10480 --- [ restartedMain] com.zaxxer.hikari.HikariDataSource
2022-07-26 19:50:36.640 INFO 10480 --- [ restartedMain] org.hibernate.dialect.Dialect
2022-07-26 19:50:38.326 INFO 10480 --- [ restartedMain] o.h.e.t.j.p.i.JtaPlatformInitiator
2022-07-26 19:50:38.347 INFO 10480 --- [ restartedMain] j.LocalContainerEntityManagerFactory
2022-07-26 19:50:39.089 WARN 10480 --- [ restartedMain] JpaBaseConfiguration$JpaWebConfigur
2022-07-26 19:50:39.850 INFO 10480 --- [ restartedMain] o.s.b.d.a.OptionalLiveReloadServer
2022-07-26 19:50:39.977 INFO 10480 --- [ restartedMain] o.s.b.w.embedded.tomcat.TomcatWebSe
2022-07-26 19:50:39.996 INFO 10480 --- [ restartedMain] c.greatlearning.ShopForHomeApplicati
2022-07-26 19:51:02.663 INFO 10480 --- [nio-8555-exec-1] o.a.c.c.C.[Tomcat].[localhost].[/]
2022-07-26 19:51:02.663 INFO 10480 --- [nio-8555-exec-1] o.s.web.servlet.DispatcherServlet
2022-07-26 19:51:02.664 INFO 10480 --- [nio-8555-exec-1] o.s.web.servlet.DispatcherServlet
```

The background features a large, faint circular logo. Inside the circle is a dark teal house icon with a heart shape inside its roof. Below the house, the letters 'S', 'F', and 'H' are displayed in a stylized font. The 'S' and 'H' are purple, and the 'F' is green.

THANKYOU