



# Capstone\_A Project C7\_G3

## Shop For Home



**First Step**



**Second Step**



**Third Step**

# Project C7\_G3

## Team member names

**Ayyapusetty Sai Adarsh**

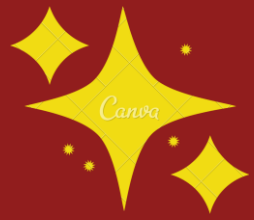
**Darapuneni Ekaswaroopa**

**Ganji Bhanu Priyatham**

**Mrinal Kumar Jha**

**Jayanth N**

**Konkimalla Abhi Tej**



# Shop For Home



**Home shopping is a popular store in the market which allows consumers to shop for goods from the privacy of their own home, as opposed to traditional shopping, which requires one to visit brick and mortar stores and shopping malls.**

**To work with above web applications there are two users:-**

- **User**
- **Admin**

**Hence, Hence, This is an E-Commerce web application where it provides convenience to the customers like:-**

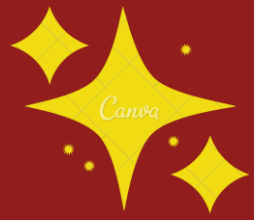
- **Saves time and efforts.**
- **The convenience of shopping at home.**
- **Wide variety/range of products are available.**
- **Good discounts / lower prices.**
- **Get detailed information about the product.**
- **We can compare various models/brands.**

# User Stories :-

- **As a user I should be able to login, Logout and Register into the application.**
- **As a user I should be able to see the products in different categories.**
- **As a user I should be able to sort the products.**
- **As a user I should be able to add the products into the shopping cart.**
- **As a user I should be able to increase or decrease the quantity added in the cart.**
- **As a user I should be able to add “n” number of products in the cart.**
- **As a user I should be able to get the Wishlist option where I can add those products which I want but don't want to order now.**
- **As a user I should get different discount coupons.**

# **Admin Stories :-**

- **As an Admin I should be able to login, Logout and Register into the application.**
  - **As an Admin I should be able to perform CRUD on Users.**
- **As an Admin I should be able to Perform CRUD on the products.**
- **As an Admin I should be able to get bulk upload option to upload a csv for products details**
- **As an Admin I should be able to get the stocks.**
- **As an Admin I should be able to mail if any stock is less than 10.**
- **As an Admin I should be able to get the sales report of a specific duration.**
- **As an Admin I should be able to set the discount coupons for the specific set of users**



# System Support



## Software Requirements

Technologies:

- Angular
- Java Spring Boot

\* Hibernate

Languages:

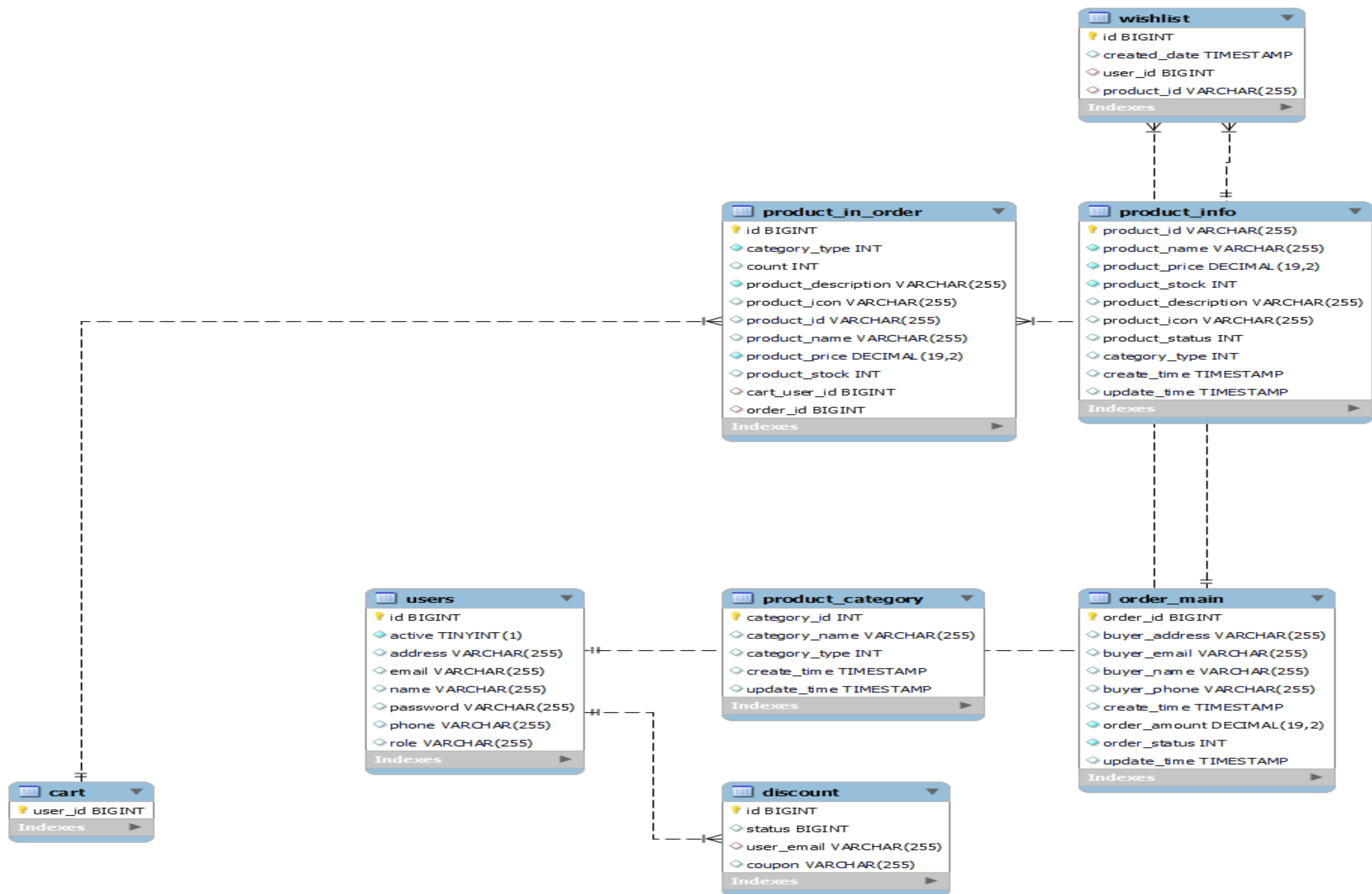
- HTML, CSS, JavaScript
- Java
- MSQl Databases

IDE:

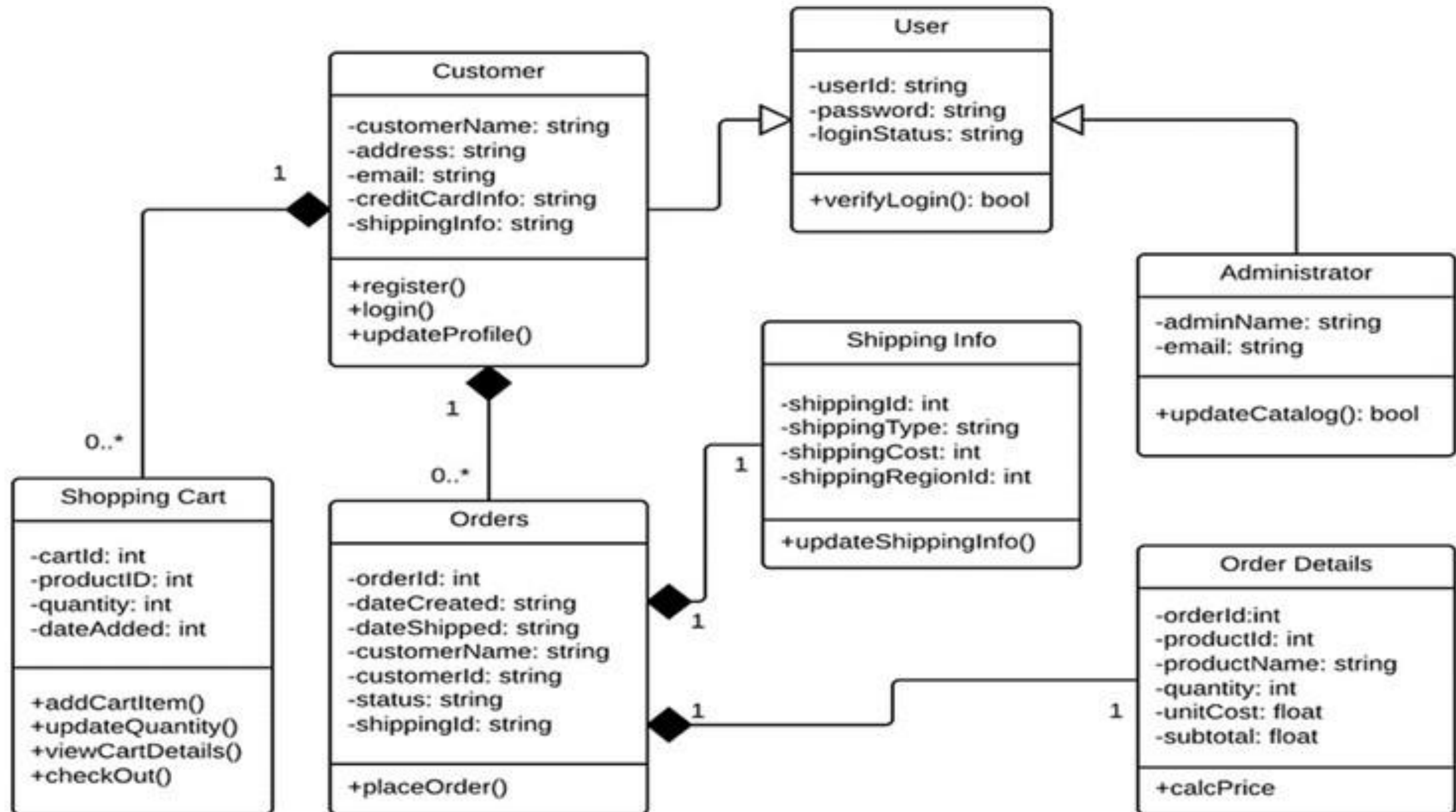
- \* Eclipse
- \* Vs code
- \* Mysql workbench



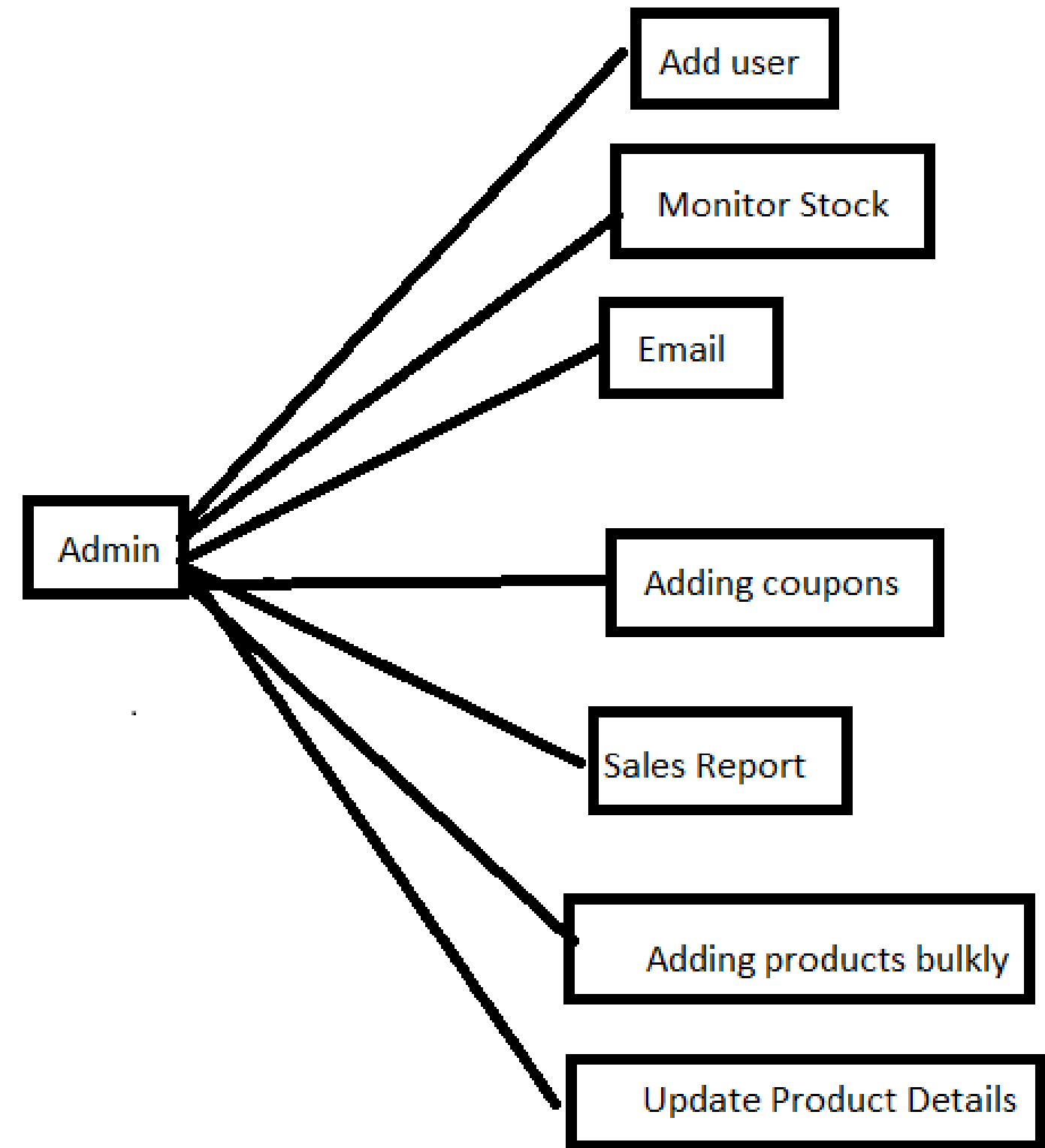


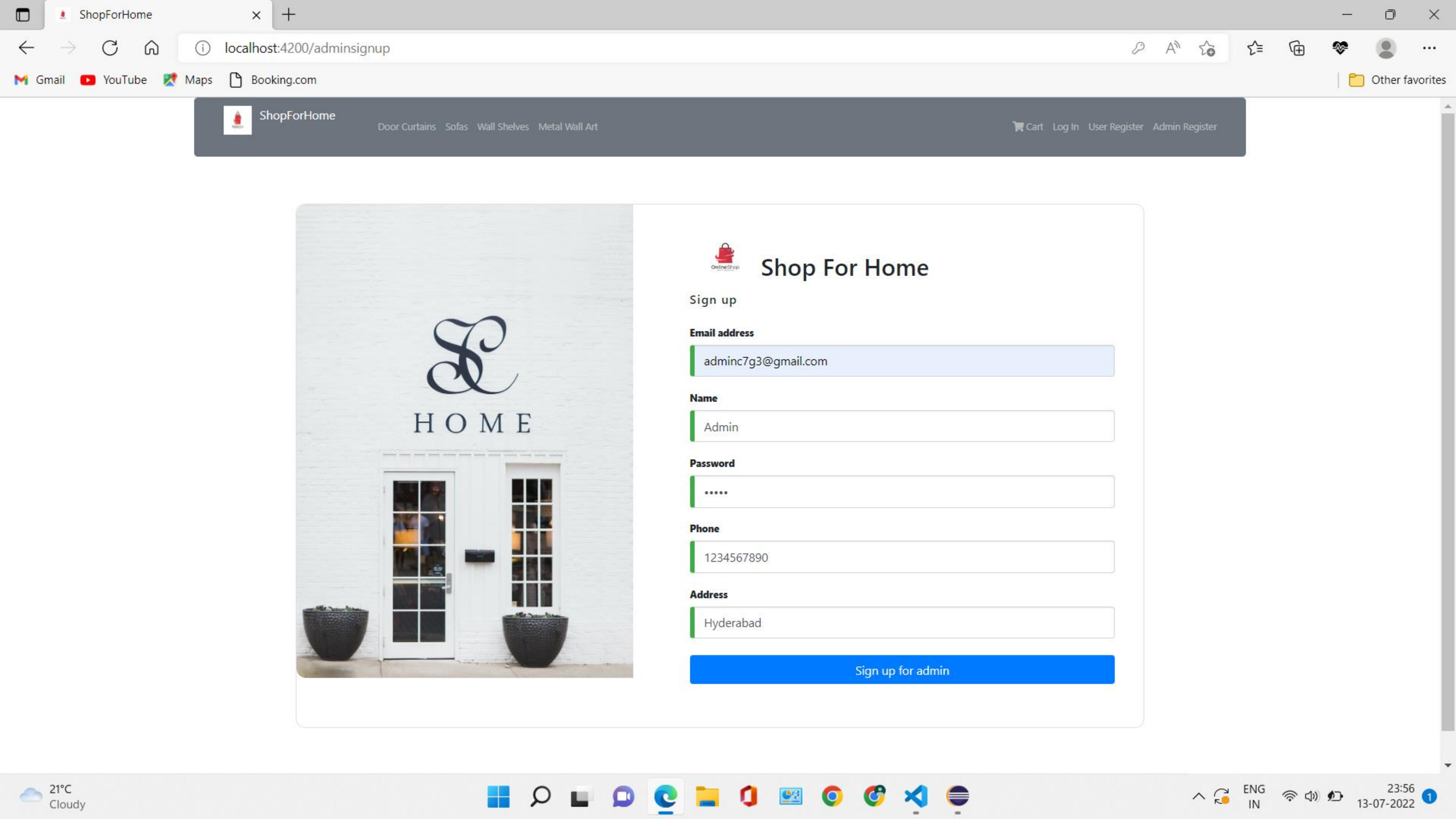






# Admin functions:-







## Shop For Home

[Sign into your account](#)

Email address

admin7g3@gmail.com

Password

●●●●●

**Login**

Don't have an account? Register here



ShopForHome

localhost:4200/seller/product

Gmail

YouTube

Maps

Booking.com

Other favorites

ShopForHome

Discount

Users

Stocks

Sales Report

Admin




Log Out

Choose File

No file chosen

Download

Upload



Product Id: C01

Product Name: Blue Polycotton Curtain

Category Type: Books

Product Description: Blue Polycotton Light Filtering 5 Feet Eyelet Curtain (Set of 2)

Price: 3149

Stock: 25

Edit

Email

Product Id: C02

Product Name: Beige Polyester Floral

Category Type: Books

Product Description: Skyloom 100% Premium Fabric Floral Self Design Maroon Color Curtain

Price: 712

Stock: 48

Edit

Email

Product Id: C03

Product Name: Silver Polycotton Light Curtain

Category Type: Books

Product Description: Stylish. Modern. Rustic. Curtains

Price: 3129

Stock: 97

Edit

Email

21°C

Cloudy

Windows

Search

Task View

Teams

Edge

File Explorer

Outlook

Excel

Chrome

Chrome

Visual Studio

Firefox

ENG

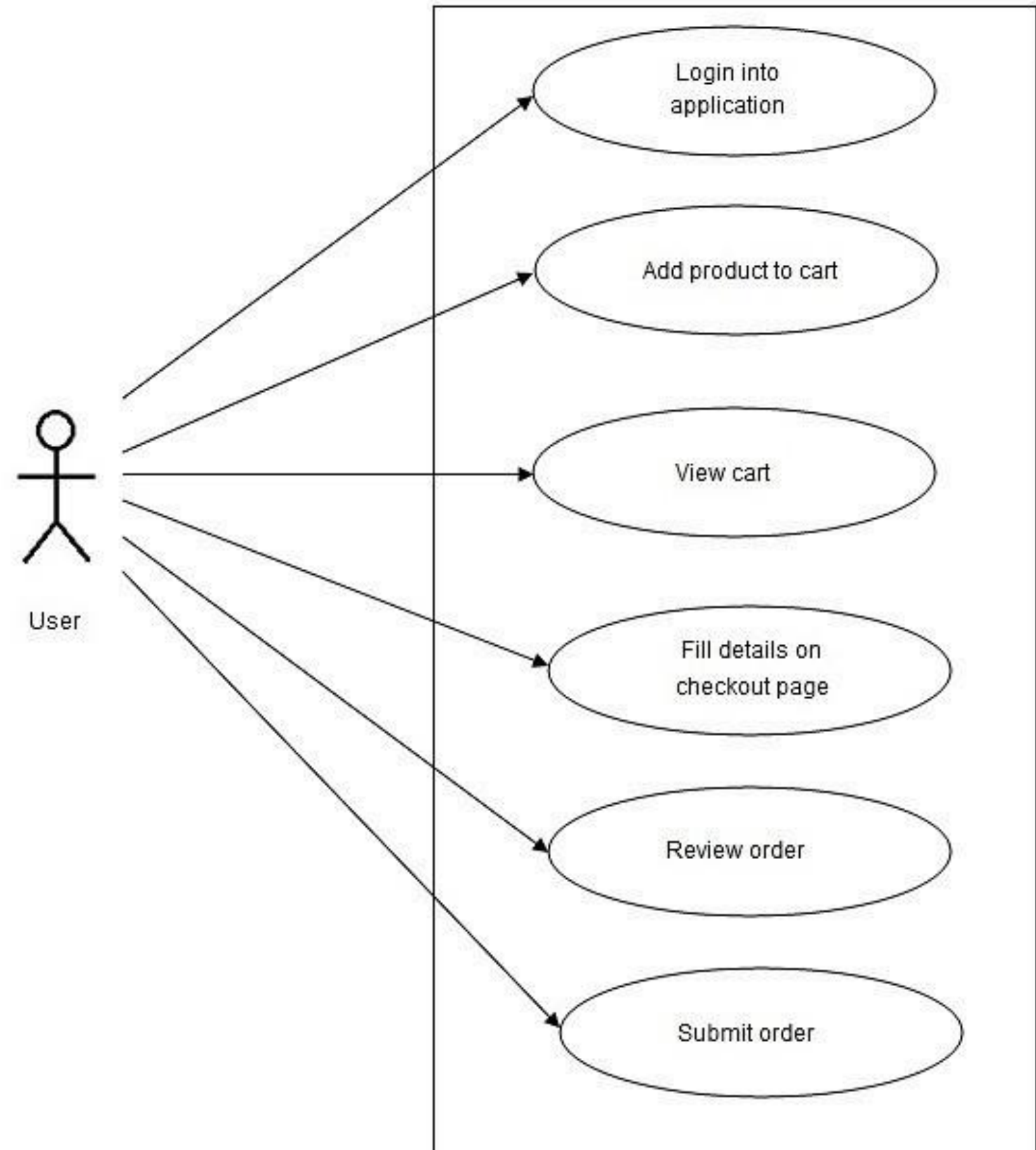
IN

23:56

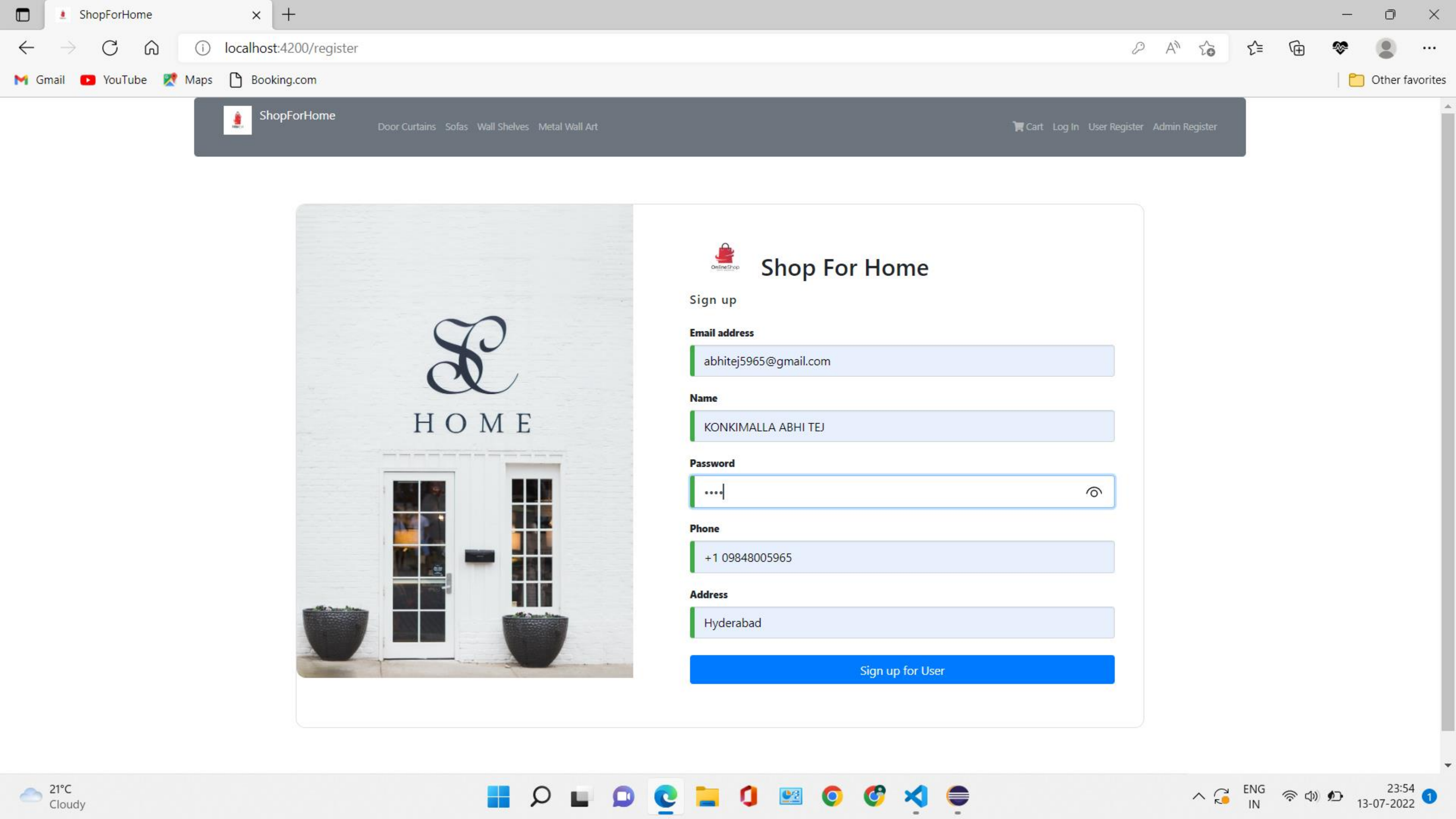
13-07-2022

1

# User functions:-







ShopForHome

[Door Curtains](#) [Sofas](#) [Wall Shelves](#) [Metal Wall Art](#)

[Cart](#) [Log In](#) [User Register](#) [Admin Register](#)



# Shop For Home

Sign up

Email address

abhitej5965@gmail.com

Name

KONKIMALLA ABHI TEJ

Password

...



Phone

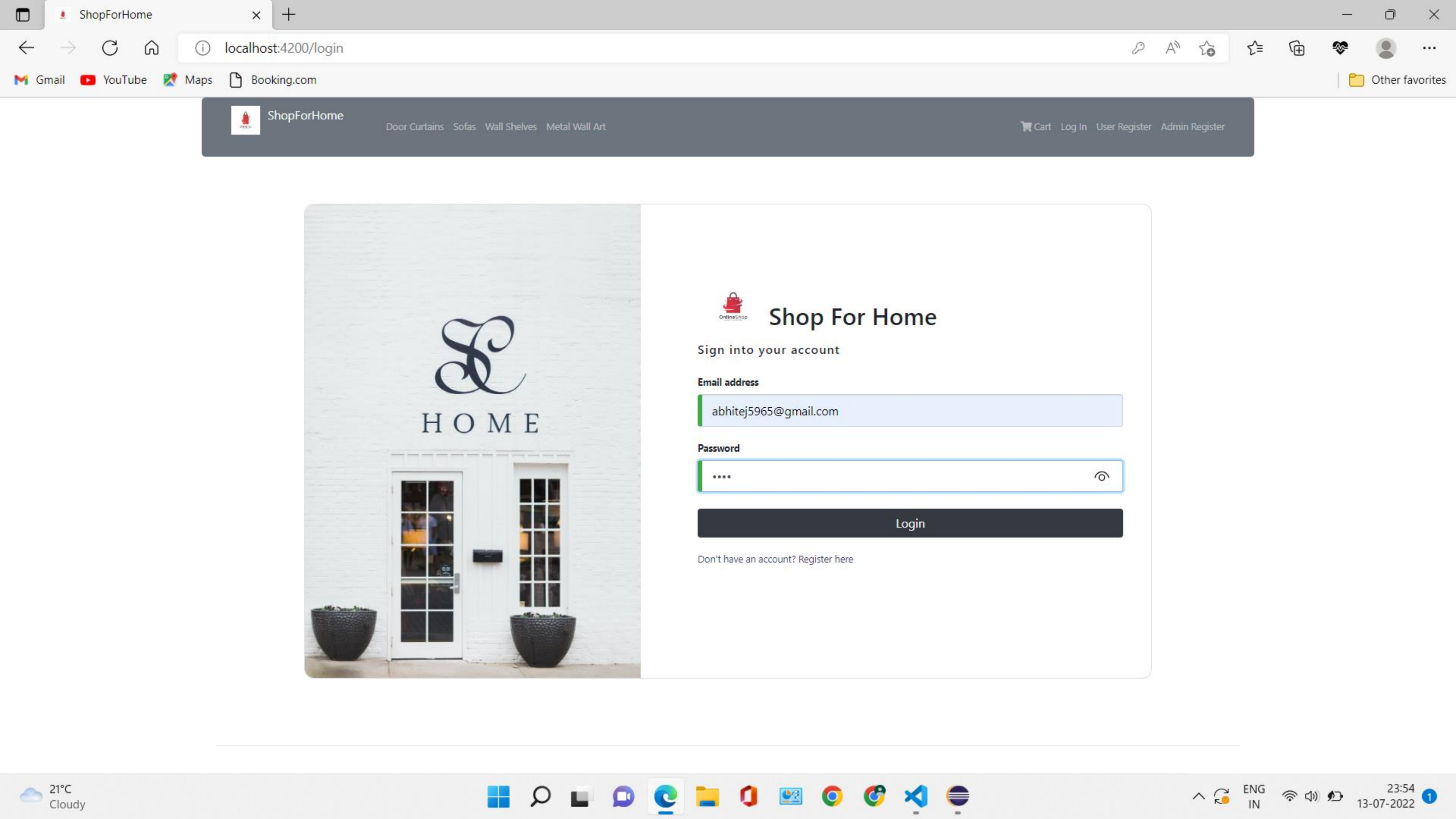
+1 09848005965

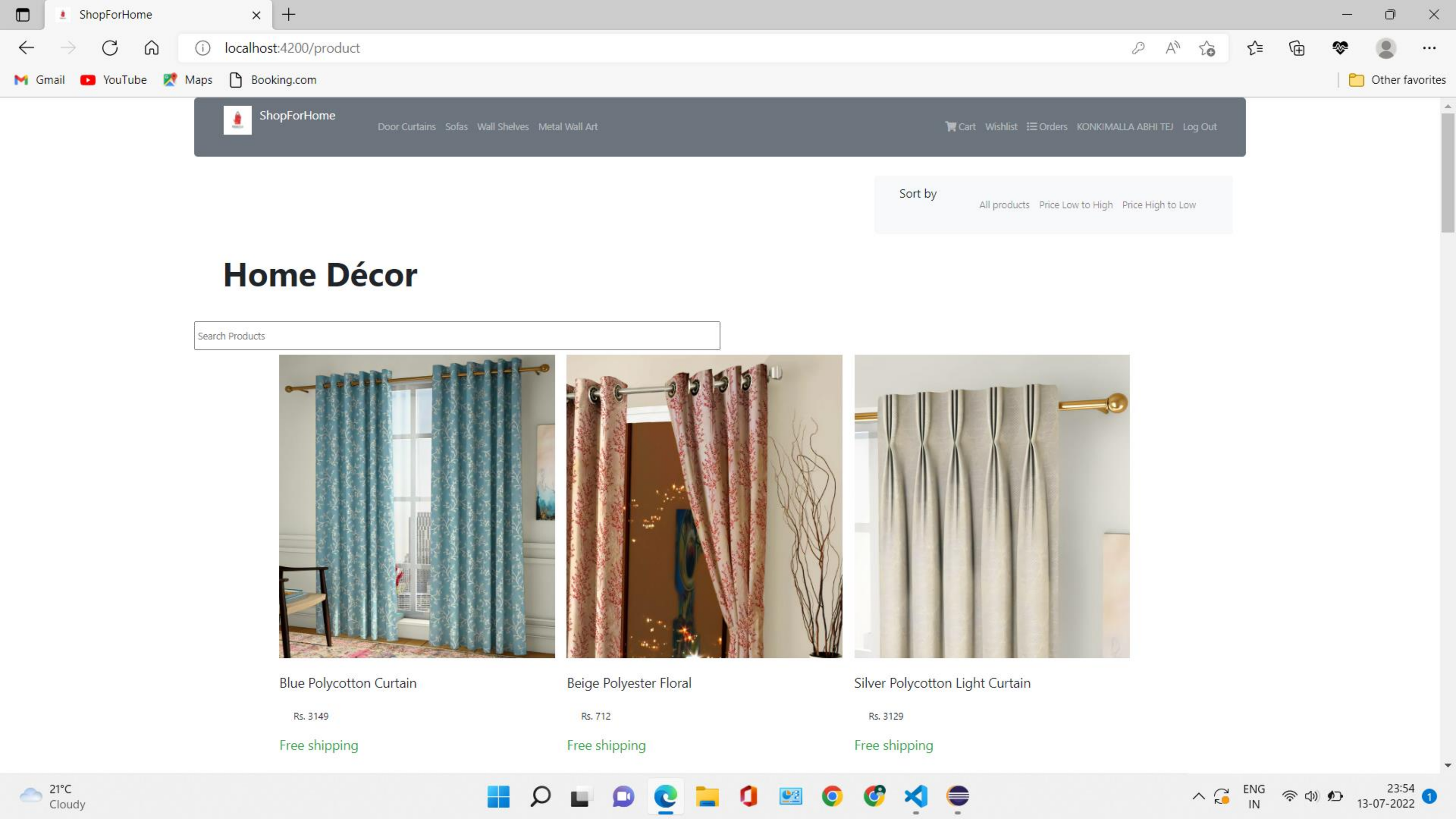
Address

Hyderabad

Sign up for User







## Home Décor

Search Products

Sort by

All products Price Low to High Price High to Low



Blue Polycotton Curtain

Rs. 3149

Free shipping



Beige Polyester Floral

Rs. 712

Free shipping

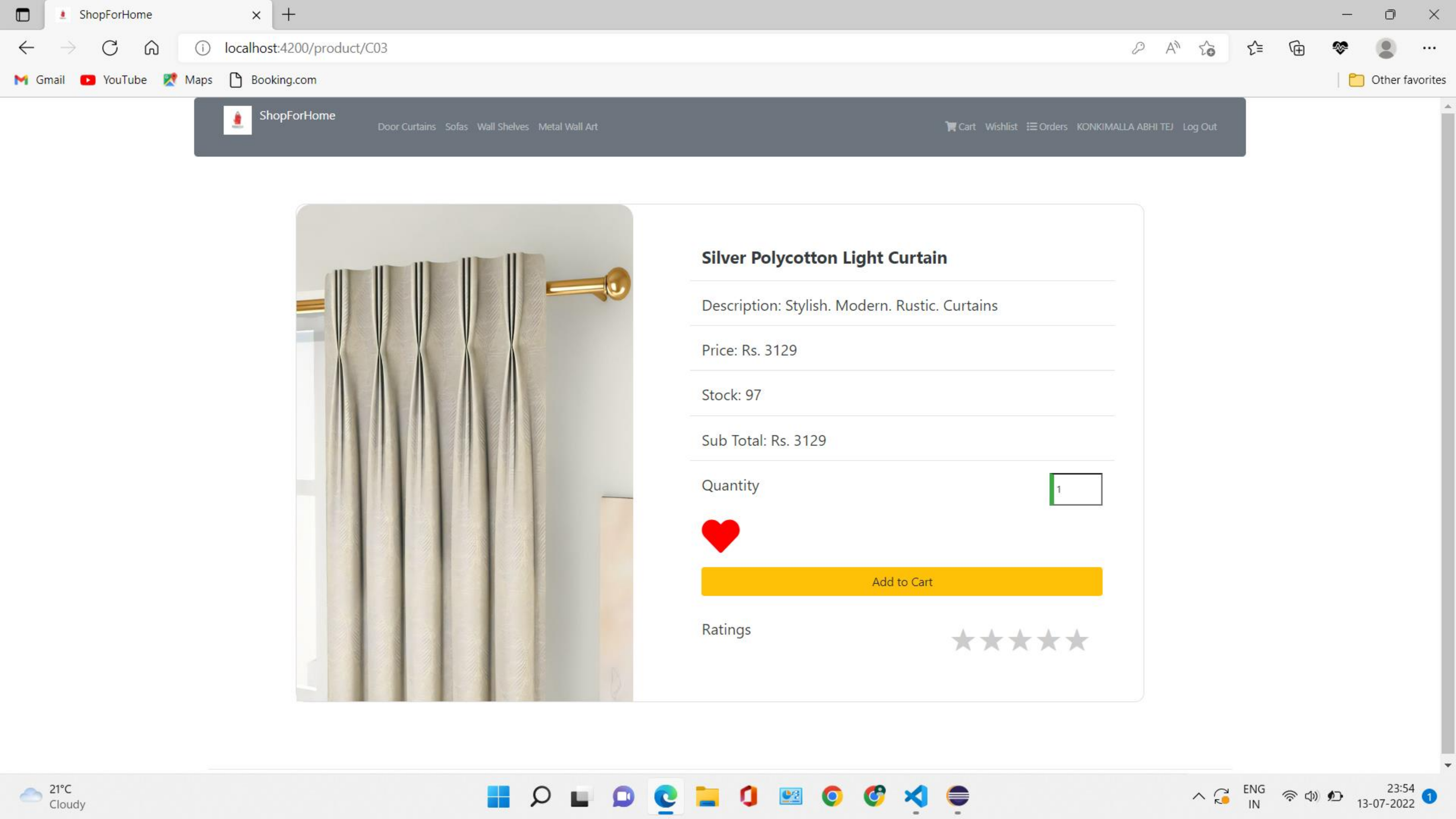


Silver Polycotton Light Curtain

Rs. 3129

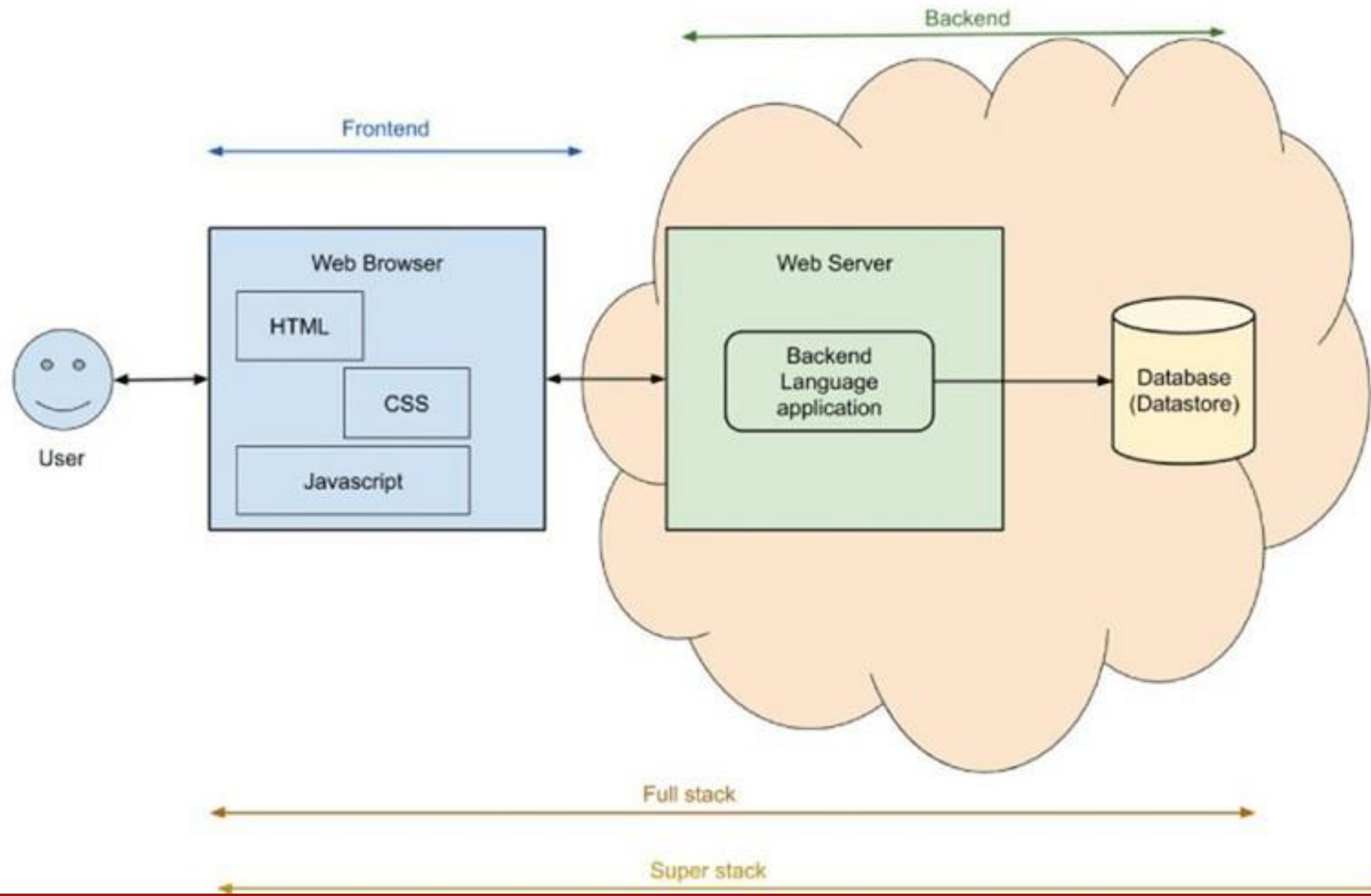
Free shipping





# Technology Used:-

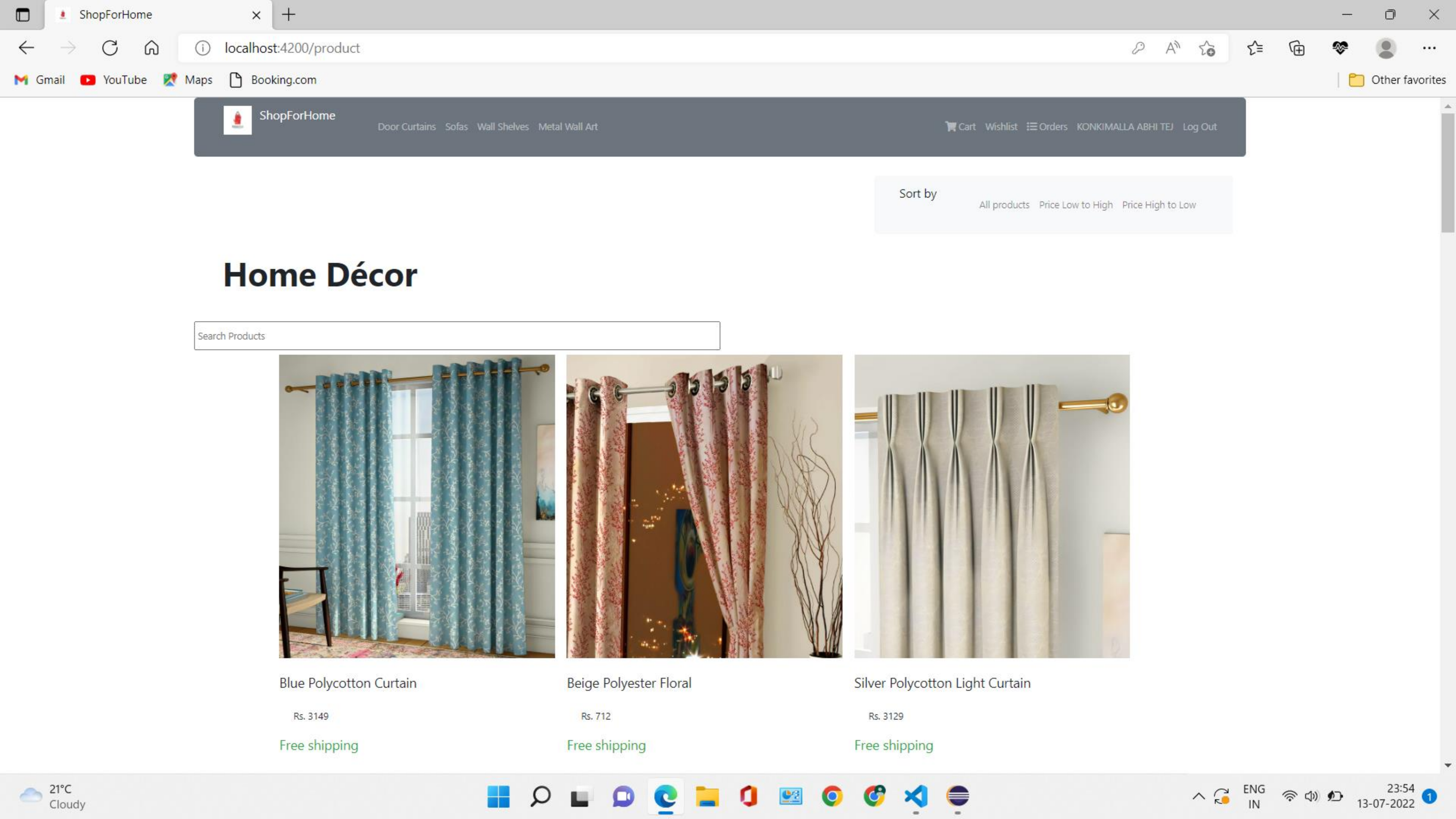
- Angular
- Spring Boot
- HTML, CSS, JavaScript
- Mysql



# There are main eight blocks of Angular:-

- **Module**
- **Component**
- **Metadata**
- **Template**
- **Data Binding**
- **Service**
- **Directive**
- **Dependency Injection**





Sort by

All products Price Low to High Price High to Low

# Home Décor

Search Products



Blue Polycotton Curtain

Rs. 3149

Free shipping



Beige Polyester Floral

Rs. 712

Free shipping



Silver Polycotton Light Curtain

Rs. 3129

Free shipping






localhost:4200/register

ShopForHome

Door Curtains Sofas Wall Shelves Metal Wall Art

Cart Log In User Register Admin Register



Shop For Home

Sign up

Email address

jmrinalkumar82@gmail.com

Name

Mrinal

Password

\*\*\*\*\*

Phone

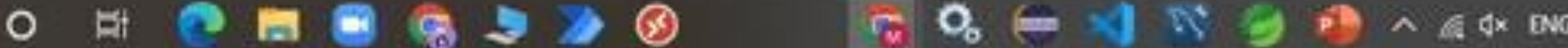
6299062234

Address

ChiraChas, Bokaro, Jharkhand

Sign up for User

Type here to search



14:55  
13-07-2022





### Blue Polycotton Curtain

Description: Blue Polycotton Light Filtering 5 Feet Eyelet Curtain (Set of 2)

Price: Rs. 3149

Stock: 25

Sub Total: Rs. 6298

Quantity



Add to Cart

Ratings







ShopForHome

[Door Curtains](#) [Sofas](#) [Wall Shelves](#) [Metal Vase Art](#)

[🛒 Cart](#) [📋 Wishlist](#) [📦 Orders](#) [👤 Meow](#) [🚪 Log Out](#)

## WishList



Product Name

ID

Price

Action

[Blue Polycotton Curtain](#)

C01

Rs. 1149

[🗑 Remove](#)



ShopForHome

localhost:4200/admin/user

Gmail

YouTube

Maps

Booking.com

DiscountUsersStocksSales ReportAdminLog Out

# Users

Email	Name	Role
adminc7g3@gmail.com	Admin	ROLE_MANAGER
abhitej5965@gmail.com	KONKIMALLA ABHI TEJ	ROLE_CUSTOMER
admin2@gmail.com	Admin2	ROLE_MANAGER
admin3@gmail.com	Admin3	ROLE_MANAGER
charantej@gmail.com	CharanTej	ROLE_CUSTOMER
aa@gmail.com	aa	ROLE_CUSTOMER
Customer1@gmail.com	Customer1	ROLE_CUSTOMER
raj@gmail.com	Admin	ROLE_MANAGER

add User

Previous1Next

21°C  
Cloudy

ENG  
IN

00:00  
14-07-2022

## Add Coupon

Enter coupon code

Select a User to issue coupon ot him

✉ admin@q1@gmail.com

 [pravinakumar82@gmail.com](mailto:pravinakumar82@gmail.com)

Add Coupon

Couponcode	User	Action
------------	------	--------





FileEditSelectionViewGoRunTerminalHelpenvironment.ts - Capstone\_ShopForHome-Frontend - Visual Studio Code

EXPLORER

OPEN EDITORS

CAPSTONE\_SHOPFORHOME-FRONTEND

PROBLEMS

OUTPUT

TERMINAL

DEBUG CONSOLE

src > environments > TS environment.ts > [0] apiUrl

```
1 // This file can be replaced during build by using the 'fileReplacements' array.
2 // 'ng build --prod' replaces 'environment.ts' with 'environment.prod.ts'.
3 // The list of file replacements can be found in 'angular.json'.
4
5 export const environment = {
6   production: false
7 };
8 export const apiUrl = 'http://localhost:8090/c7g3';
9 export const discountUrl = 'http://localhost:8081/c7g3';
10 export const reportUrl = 'http://localhost:8082/c7g3';
11
12 /*
13  * For easier debugging in development mode, you can import the following file
14  * to ignore zone related error stack frames such as 'zone.run', 'zoneDelegate.invokeTask'.
15  *
16  * This import should be commented out in production mode because it will have a negative impact
17  * on performance if an error is thrown.
```

node

chunk {main} main.js, main.js.map (main) 881 kB [initial] [rendered]

i [wdm]: Compiled successfully.

i [wdm]: Compiling...

Date: 2022-07-12T18:39:13.831Z - Hash: fb95fd9ff565898e0484 - Time: 3474ms

5 unchanged chunks

chunk {main} main.js, main.js.map (main) 881 kB [initial] [rendered]

i [wdm]: Compiled successfully.

i [wdm]: Compiling...

Date: 2022-07-12T18:39:19.967Z - Hash: aefa6fd1d658376e0562 - Time: 5851ms

5 unchanged chunks

chunk {main} main.js, main.js.map (main) 881 kB [initial] [rendered]

i [wdm]: Compiled successfully.

master

Ln 8, Col 39 Spaces: 2 UTF-8 CRLF () TypeScript Go Live

Type here to search

15:22 13-07-2022

# Entities in the Database include :-

- **Product\_Category**
- **Product\_info**
- **Cart**
- **Users**
- **product\_in\_order**
- **Order\_main**
- **Wishlist**

# Technologies Used:-

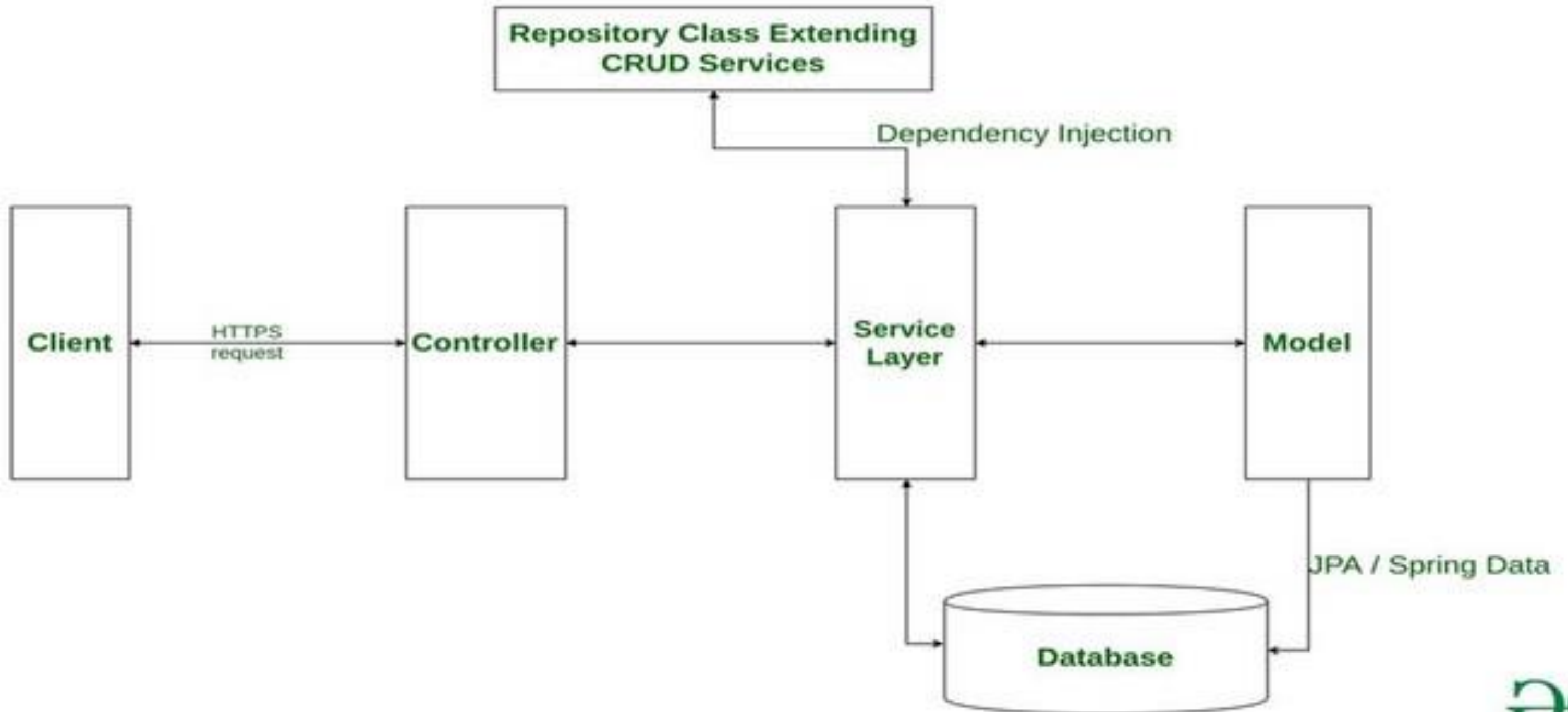
- **Java**
- **Spring Boot**
- **Spring Security**
- **JWT**
- **Hibernate**
- **MYSQL**
- **Maven**

# **The spring boot consists of the following four layers:-**

- **Presentation Layer –Authentication & Json Translation**
- **Business Layer –Business Logic, Validation & Authorization**
- **Persistence Layer –Storage Logic**
- **Database Layer –Actual Database**



## Spring Boot flow architecture



eclipse-workspace - Report-MicroService/src/main/java/ReportMicroService/ReportMicroServiceApplication.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer X

- Discount-MicroService
  - src/main/java
  - src/main/resources
  - src/test/java
  - JRE System Library [JavaSE-11]
  - Maven Dependencies
  - src
  - target
  - HELP.md
  - mvnw
  - mvnw.cmd
  - pom.xml
- EurekaServer
  - src/main/java
  - src/main/resources
    - static
    - templates
    - application.properties
  - src/test/java
  - JRE System Library [JavaSE-11]
  - Maven Dependencies
  - src
  - target
  - HELP.md
  - mvnw
  - mvnw.cmd
  - pom.xml
- Report-MicroService
  - src/main/java
  - src/main/resources
  - src/test/java
  - JRE System Library [JavaSE-11]
- Shop\_For\_Home\_C7\_G3-First\_Microservice
  - src/main/java
  - src/main/resources
  - src/test/java

```
1 package ReportMicroService;
2
3 import org.springframework.boot.SpringApplication;
4
5
6
7 @SpringBootApplication
8 @EnableEurekaClient
9 public class ReportMicroServiceApplication {
10
11     public static void main(String[] args) {
12         SpringApplication.run(ReportMicroServiceApplication.class, args);
13     }
14
15 }
```

Problems Javadoc Declaration Console X Progress Coverage

EurekaServerApplication [Java Application] C:\Users\HP\p2\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86\_64.17.0.1.v20211116-1657\jre\bin\javaw.exe (13-Jul-2022, 2:00:11)

2022-07-13 15:18:50.123	INFO 18856	---	[a-EvictionTimer]	c.n.e.registry.AbstractInstanceRegistry	: Running the evict task with compensation
2022-07-13 15:19:50.124	INFO 18856	---	[a-EvictionTimer]	c.n.e.registry.AbstractInstanceRegistry	: Running the evict task with compensation
2022-07-13 15:20:50.124	INFO 18856	---	[a-EvictionTimer]	c.n.e.registry.AbstractInstanceRegistry	: Running the evict task with compensation
2022-07-13 15:21:50.151	INFO 18856	---	[a-EvictionTimer]	c.n.e.registry.AbstractInstanceRegistry	: Running the evict task with compensation
2022-07-13 15:22:50.151	INFO 18856	---	[a-EvictionTimer]	c.n.e.registry.AbstractInstanceRegistry	: Running the evict task with compensation
2022-07-13 15:23:50.151	INFO 18856	---	[a-EvictionTimer]	c.n.e.registry.AbstractInstanceRegistry	: Running the evict task with compensation
2022-07-13 15:24:50.152	INFO 18856	---	[a-EvictionTimer]	c.n.e.registry.AbstractInstanceRegistry	: Running the evict task with compensation
2022-07-13 15:25:50.152	INFO 18856	---	[a-EvictionTimer]	c.n.e.registry.AbstractInstanceRegistry	: Running the evict task with compensation
2022-07-13 15:26:50.153	INFO 18856	---	[a-EvictionTimer]	c.n.e.registry.AbstractInstanceRegistry	: Running the evict task with compensation
2022-07-13 15:27:50.153	INFO 18856	---	[a-EvictionTimer]	c.n.e.registry.AbstractInstanceRegistry	: Running the evict task with compensation
2022-07-13 15:28:50.154	INFO 18856	---	[a-EvictionTimer]	c.n.e.registry.AbstractInstanceRegistry	: Running the evict task with compensation

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15:29 13-07-2022

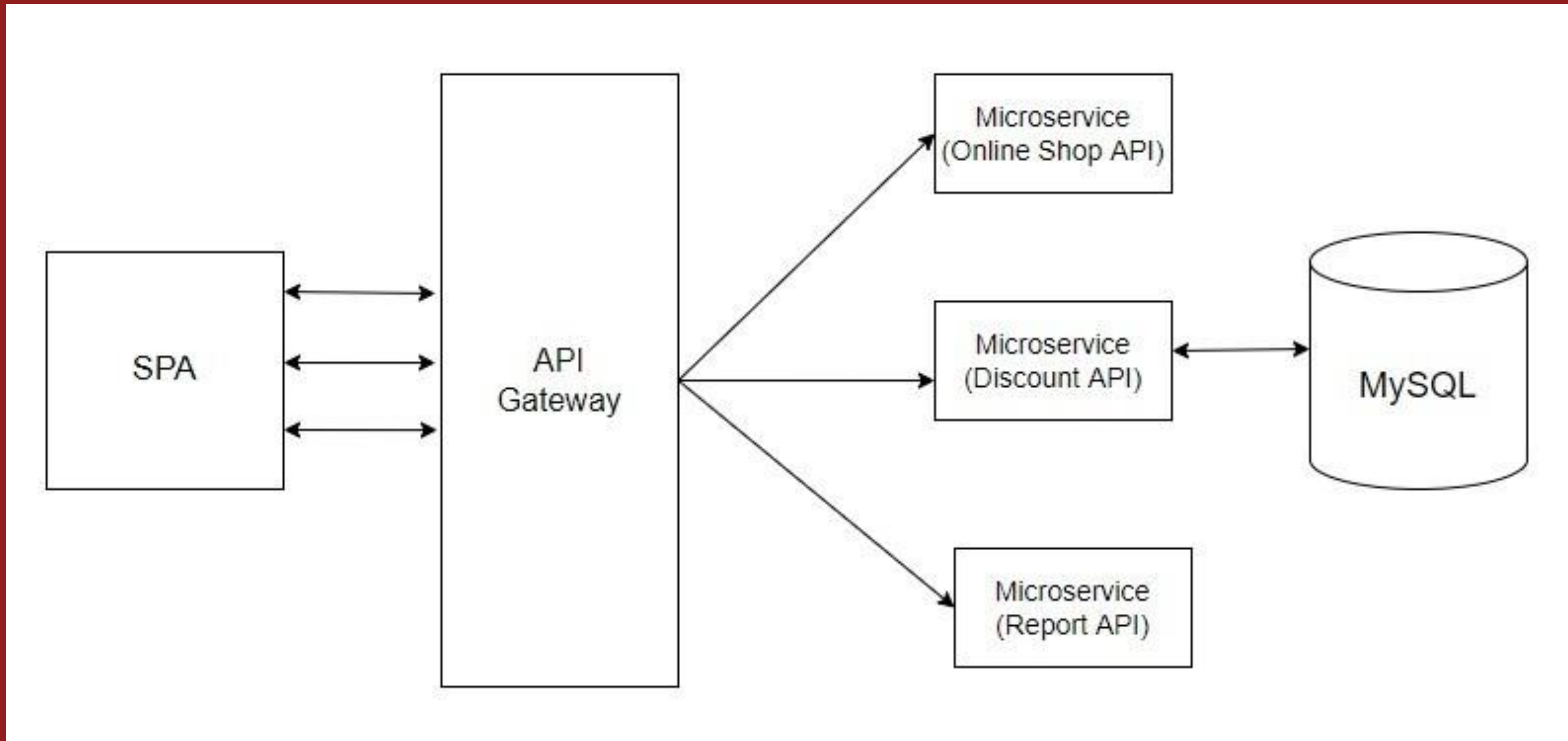


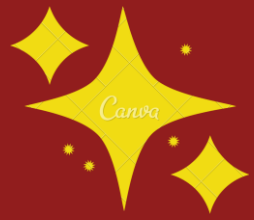


# Microservices:-

- **microservices is nothing but a build an application by splitting its business components into small services that can be deployed and operated independently from each other.**
- **Typically, micro services are used to speed up application development.**
- **Micro services architectures built using Java are common, especially Spring Boot ones.**

# Microservices Architecture:-





# Components of microservices architecture



- **Microservices. Microservices make up the foundation of a microservices architecture. ...**
- **Containers. ...**
- **Service mesh. ...**
- **Service discovery. ...**
- **API gateway.**



# Thank You

