

WIPRO CAPSTONE PROJECT C-3 GROUP-1



"SHOP-FOR-HOME"

Presented By

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ABSTRACT

- Shop for home is a popular ecommerce website which fulfill the availability of household needs where consumers can directly buy products over the internet without an intermediate service.
- This website provides interactive interface through which a user can interact with different areas of application easily.
- Users can login to the website to shop the products and it has different categories, cart options, discount coupons and make order option.

INTRODUCTION

- This project Shop For Home has been developed in Angular, Java Spring Boot and MySql.
- The Shop For Home project is an application which is based on managing the furniture items and sell the furniture items online.
- The main purpose for developing this project in Angular and Java Spring Boot is to manage all the details about furniture item, furniture item category, company, order, sales etc.

FUNCTIONALITIES

- There are two functionalities available in this project. First one is User and second one is Admin . Admin can add furniture item category and can also manage the sales details.
- ☐ This Angular project very helpful for maintaining the sales activity in furniture item. In this
- □ Project customer can see the details of furniture item category etc.
- □ Only Admin can edit or delete the details of furniture item.

USER FUNCTIONALITIES:

- As a user I should be able to login 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 coupon.

ADMIN FUNCTIONALITIES

- As a admin I should be able to login, logout and register into the application.
- > As a admin I should be able to perform CRUD on Users.
- As an Admin I should be able to get bulk upload option to upload a csv products details
- > As a Admin I should be able to get the stocks.
- As a admin I should be able to get the sales report of a specific duration.
- > As a admin I should be able to set of users.

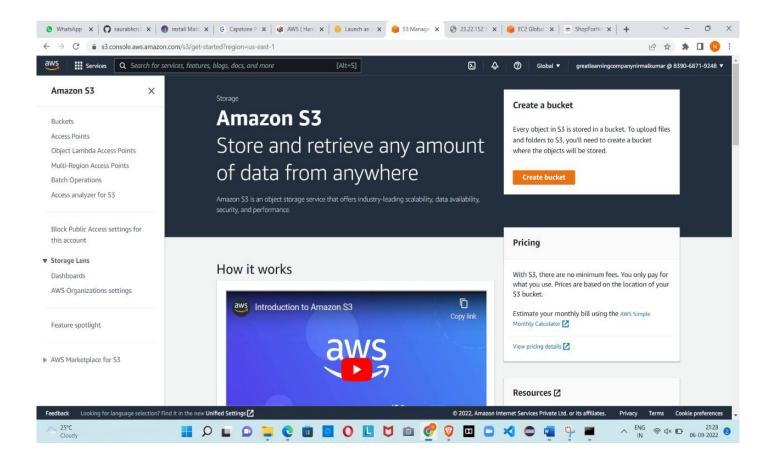
TECHNOLOGIES

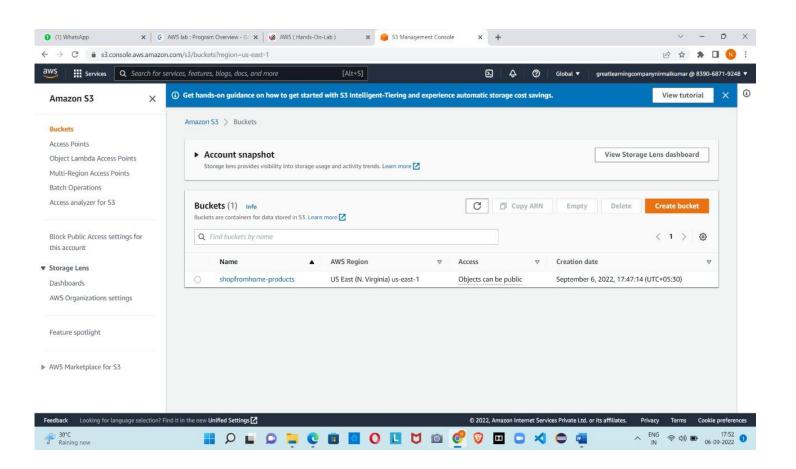
- > HTML
- > CSS
- > JAVASCRIPT
- > TYPESCRIPT
- > JAVA SPRING BOOT
- > MYSQL
- > ANGULAR
- > VISUAL STUDIO CODE
- > TOMCAT
- > AWS

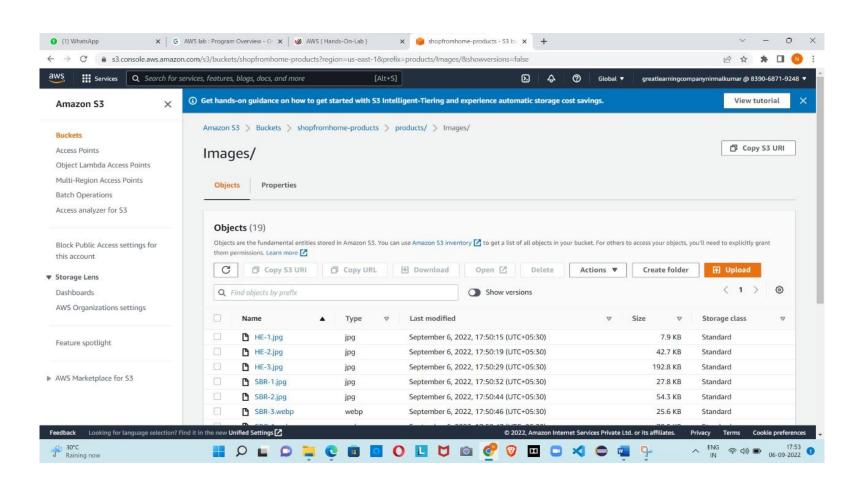
DATABASE SCHEMA

product_info product_id VARCHAR(255) category_type INT create_time DATETIME(6) product_description VARCHAR(255) product_icon VARCHAR(255) product_name VARCHAR (255) product_price DECIMAL (19,2) product_status INT product_stock INT update time DATETIME(6) product_category category_id INT category_name VARCHAR(255) category_type INT create_time DATETIME(6) update_time DATETIME(6) order_main __ cart order_id BIGINT user_id BIGINT buyer_address VARCHAR (255) buyer email VARCHAR(255) buyer_nam e VARCHAR(255) buyer_phone VARCHAR(255) create_time DATETIME(6) order_amount DECIMAL(19,2) order status INT update_time DATETIME(6) users product_in_order wishlist FID BIGINT Id BIGINT Id BIGINT active BIT(1) acategory_type INT created_date DATETIME(6) address VARCHAR(255) product_id VARCHAR(255) count INT email VARCHAR (255) product_description VARCHAR(255) user_id BIGINT name VARCHAR (255) product_icon VARCHAR(255) password VARCHAR (255) product_id VARCHAR(255) phone VARCHAR(255) product_name VARCHAR (255) orole VARCHAR (255) product_price DECIMAL (19,2) product_stock INT cart_user_id BIGINT ☐ hibernate_sequence ▼ discount w order id BIGINT next_val BIGINT 7 id VARCHAR(255) status BIGINT

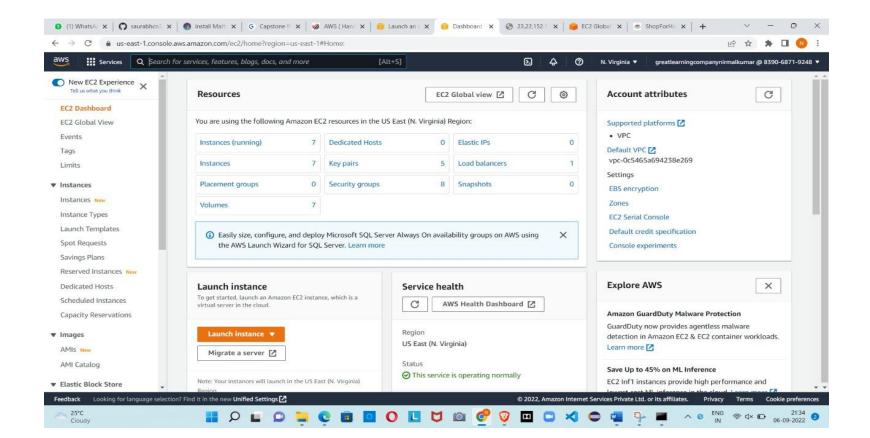
S₃ BUCKET



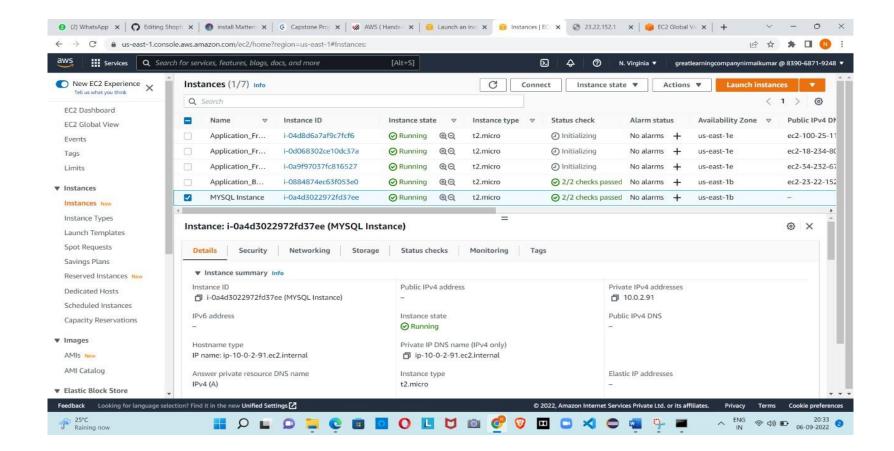




CREATION OF EC2 INSTANCE



MYSQL INSTANCE



■ ubuntu@ip-10-0-1-212: ~

```
:\Users\Nirmal Kumar\OneDrive\Desktop>ssh -i "MYSQL.pem" ubuntu@ec2-174-129-134-155.compute-1.amazonaws.com
The authenticity of host 'ec2-174-129-134-155.compute-1.amazonaws.com (174.129.134.155)' can't be established.
CDSA key fingerprint is SHA256:1igywhYlD3A0Nd8npUJKZwrXldXijlaJ+n9kHLL0Ef0.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added 'ec2-174-129-134-155.compute-1.amazonaws.com' (ECDSA) to the list of known hosts.
Welcome to Ubuntu 20.04.4 LTS (GNU/Linux 5.13.0-1029-aws x86 64)
 * Documentation: https://help.ubuntu.com
                  https://landscape.canonical.com
 Management:
 Support:
                  https://ubuntu.com/advantage
 System information as of Tue Sep 6 13:20:40 UTC 2022
 System load: 0.0
                                 Processes:
 Usage of /: 19.5% of 7.58GB Users logged in:
                                 IPv4 address for eth0: 10.0.1.212
 Memory usage: 20%
 Swap usage: 0%
 update can be applied immediately.
o see these additional updates run; apt list --upgradable
The list of available updates is more than a week old.
To check for new updates run: sudo apt update
New release '22.04.1 LTS' available.
Run 'do-release-upgrade' to upgrade to it.
o run a command as administrator (user "root"), use "sudo <command>".
See "man sudo root" for details.
buntumin-10-0-1-212:-$ sudo apt update
Hit:1 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal InRelease
Get:2 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal-updates InRelease [114 kB]
Get:3 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal-backports InRelease [108 kB]
Get:4 http://security.ubuntu.com/ubuntu focal-security InRelease [114 kB]
Get:5 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal/universe amd64 Packages [8628 kB]
Get:6 http://security.ubuntu.com/ubuntu focal-security/main amd64 Packages [1705 kB]
Get:7 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal/universe Translation-en [5124 kB]
Get:8 http://security.ubuntu.com/ubuntu focal-security/main Translation-en [286 kB]
Get:9 http://security.ubuntu.com/ubuntu focal-security/main amd64 c-n-f Metadata [11.0 kB]
Get:10 http://security.ubuntu.com/ubuntu focal-security/restricted amd64 Packages [1165 kB]
Get:11 http://security.ubuntu.com/ubuntu focal-security/restricted Translation-en [165 kB]
Get:12 http://security.ubuntu.com/ubuntu focal-security/restricted amd64 c-n-f Metadata [588 B]
Get:13 http://security.ubuntu.com/ubuntu focal-security/universe amd64 Packages [717 kB]
Get:14 http://security.ubuntu.com/ubuntu focal-security/universe Translation-en [131 kB]
et:15 http://security.ubuntu.com/ubuntu focal-security/universe amd64 c-n-f Metadata [14.8 kB]
```

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T Rain coming

■ ubuntu@ip-10-0-1-212: ~ a Building dependency tree Reading state information... Done 62 packages can be upgraded. Run 'apt list --upgradable' to see them. buntu@ip-10-0-1-212:-\$ sudo apt install mysql-server-v Reading package lists... Done Building dependency tree Reading state information... Done Unable to locate package mysgl-server-v buntu@ip-10-0-1-212:⊸\$ sudo apt install mysgl-server -v Reading package lists... Done Building dependency tree Reading state information... Done he following additional packages will be installed: libcgi-fast-perl libcgi-pm-perl libencode-locale-perl libevent-core-2.1-7 libevent-pthreads-2.1-7 libfcgi-perl libhtml-parser-perl libhtml-tagset-perl libhtml-template-perl libhttp-date-perl libhttp-message-perl libio-html-perl liblwp-mediatypes-perl libmecab2 libtimedate-perl liburi-perl mecab-ipadic mecab-ipadic-utf8 mecab-utils mysql-client-8.0 mysql-client-core-8.0 mysql-common mysql-server-8.0 mysql-server-core-8.0 ggested packages: libdata-dump-perl libipc-sharedcache-perl libwww-perl mailx tinyca he following NEW packages will be installed: libcgi-fast-perl libcgi-pm-perl libencode-locale-perl libevent-core-2.1-7 libevent-pthreads-2.1-7 libfcgi-perl libhtml-parser-perl libhtml-tagset-perl libhtml-template-perl libhttp-date-perl libhttp-message-perl libio-html-perl liblwp-mediatypes-perl libmecab2 libtimedate-perl liburi-perl mecab-ipadic mecab-ipadic-utf8 mecab-utils mysql-client-8.0 mysql-client-core-8.0 mysql-common mysql-server mysql-server-8.0 mysql-server-core-8.0 upgraded, 25 newly installed, 0 to remove and 62 not upgraded. Weed to get 32.1 MB of archives. After this operation, 264 MB of additional disk space will be used. Get:1 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal/main amd64 mysql-common all 5.8+1.0.5ubuntu2 [7496 B] Get:2 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal-updates/main amd64 mysgl-client-core-8.0 amd64 8.0.30-0ubuntu0.20.04.2 [4521 kB] Get:3 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal-updates/main amd64 mvsql-client-8.0 amd64 8.0.30-0ubuntu0.20.04.2 [22.0 kB] Get:4 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal/main amd64 libevent-core-2.1-7 amd64 2.1.11-stable-1 [89.1 kB] Get:5 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal/main amd64 libevent-pthreads-2.1-7 amd64 2.1.11-stable-1 [7372 B] Get:6 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal/main amd64 libmecab2 amd64 0.996-10build1 [233 kB] Get:7 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal-updates/main amd64 mysgl-server-core-8.0 amd64 8.0.30-0ubuntu0.20.04.2 [18.6 MB] Get:8 http://us-east-1.ec2.archive.uhuntu.com/ubuntu focal-updates/main amd64 mysql-server-8.0 amd64 8.0.30-0ubuntu0.20.04.2 [1292 kB] Get:9 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal/main amd64 libhtml-tagset-perl all 3.20-4 [12.5 kB] Get:10 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal/main amd64 liburi-perl all 1.76-2 [77.5 kB] Get:11 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal/main amd64 libhtml-parser-perl amd64 3.72-5 [86.3 kB] Get:12 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal/main amd64 libcgi-pm-perl all 4.46-1 [186 kB] Get:13 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal/main amd64 libfcgi-perl amd64 0.79-1 [33.1 kB] Get:14 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal/main amd64 libcgi-fast-perl all 1:2.15-1 [10.5 kB] Get:15 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal/main amd64 libencode-locale-perl all 1.05-1 [12.3 kB] Get:16 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal/main amd64 libhtml-template-perl all 2.97-1 [59.0 kB] Get:17 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal/main amd64 libtimedate-perl all 2.3200-1 [34.0 kB] Get:18 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal/main amd64 libhttp-date-perl all 6.05-1 [9920 B] Get:19 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal/main amd64 libio-html-perl all 1.001-1 [14.9 kB] Get:20 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal/main amd64 liblwp-mediatypes-perl all 6.04-1 [19.5 kB] Get:21 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal/main amd64 libhttp-message-perl all 6.22-1 [76.1 kB] Set:22 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal/main amd64 mecab-utils amd64 0.996-10build1 [4912 B]

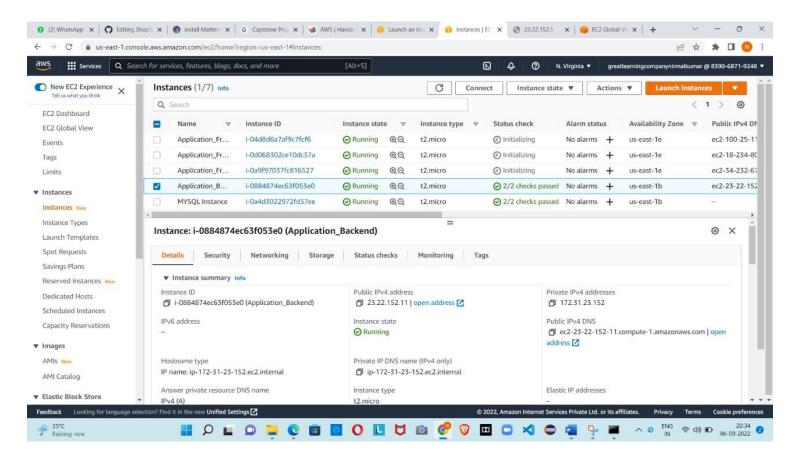
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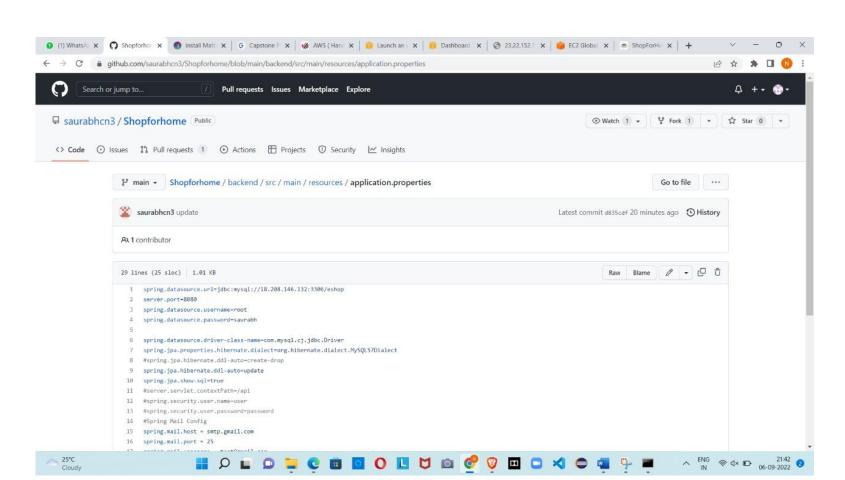
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m ubuntu@ip-10-0-1-212: ~
                                                                                                                                                                                                    - a x
 upgraded, 0 newly installed, 0 to remove and 62 not upgraded.
 buntu@ip-10-0-1-212:~$ sudo mysql
Welcome to the MySQL monitor. Commands end with ; or \g.
Your MySQL connection id is 9
Server version: 8.0.30-Oubuntu0.20.04.2 (Ubuntu)
 opyright (c) 2000, 2022, Oracle and/or its affiliates.
Oracle is a registered trademark of Oracle Corporation and/or its
affiliates. Other names may be trademarks of their respective
owners.
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.
mysql> CREATE USER 'root'@'%' IDENTIFIED BY 'Chinna@1277';
Query OK, 0 rows affected (0.03 sec)
mysql> CREATE DATABASE ecommerce;
Query OK, 1 row affected (0.01 sec)
mysql> GRANT ALL PRIVILEGES ON ecommerce.* TO 'root'@'%';
Query OK, 0 rows affected (0.01 sec)
mysal> exit
 .
buntu@ip-10-0-1-212:~$ sed "s/bind-address/#bind-address/" /etc/mysgl/mysgl.conf.d/mysgl.cnf > mysgld.cnf
 buntu@ip-10-0-1-212:~$ sudo mv mysqld.cnf /etc/mysql/mysql.conf.d/mysqld.cnf
 buntu@ip-10-0-1-212: $ cd /etc/mysql/mysql.conf.d/
 buntu@ip-10-0-1-212:/etc/mysql/mysql.conf.d$ cd~
 ommand 'cd~' not found, did you mean:
  command 'cdw' from deb cdw (0.8.1-1build4)
 command 'cdo' from deb cdo (1.9.9~rc1-1)
  command 'cdp' from deb irpas (0.10-7)
  command 'cdi' from deb cdo (1.9.9~rc1-1)
  command 'cdb' from deb tinycdb (0.78build1)
  command 'cde' from deb cde (0.1+git9-g551e54d-1.1build1)
  command 'cd5' from deb cd5 (0.1-4)
 ry: sudo apt install <deb name>
 buntu@ip-10-0-1-212:/etc/mysql/mysql.conf.d$ cd ~
 buntu@ip-10-0-1-212: $ sudo /etc/init.d/mysql restart
Restarting mysql (via systemctl): mysql.service.
 buntu@ip-10-0-1-212:~$ sudo /etc/init.d/mysql restart
Restarting mysql (via systemctl): mysql.service.
```

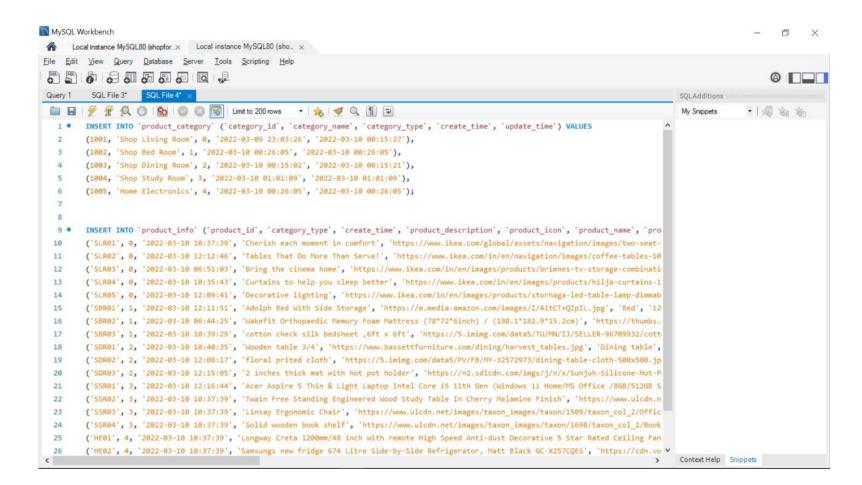
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F Rain coming

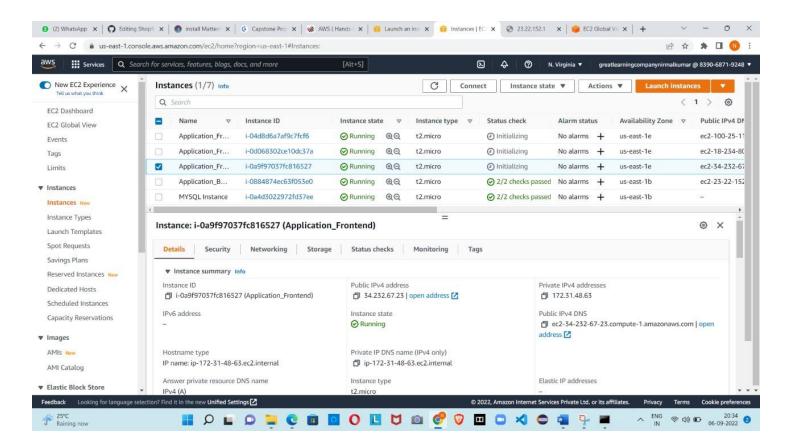
Creation of Application Backend Instance

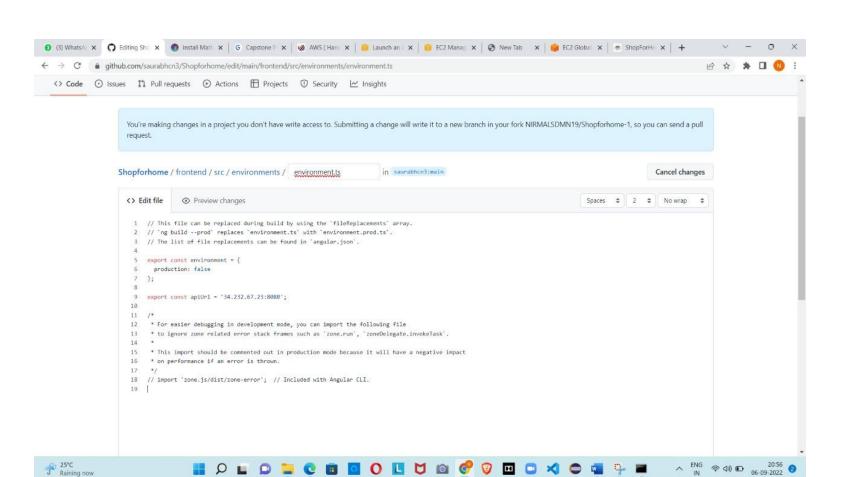


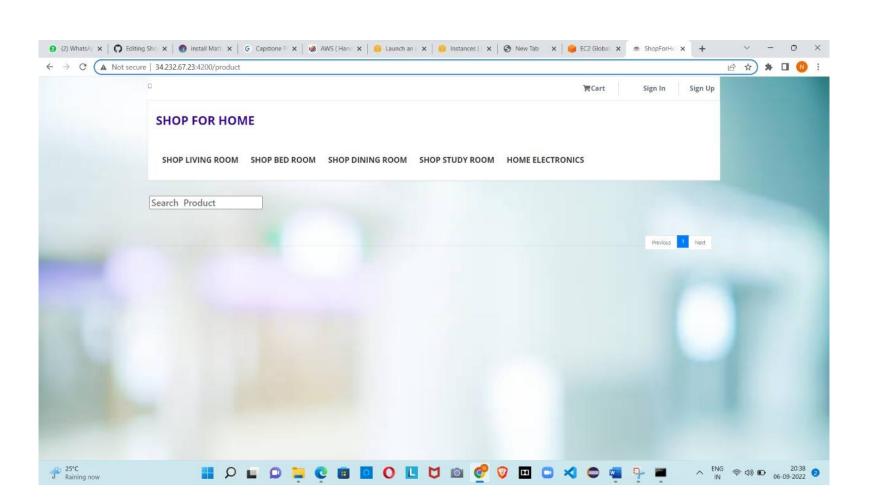




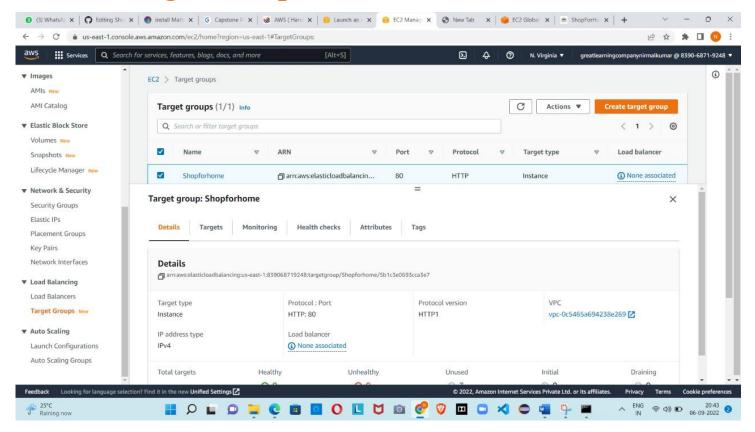
Creation of Application Frontend Instance

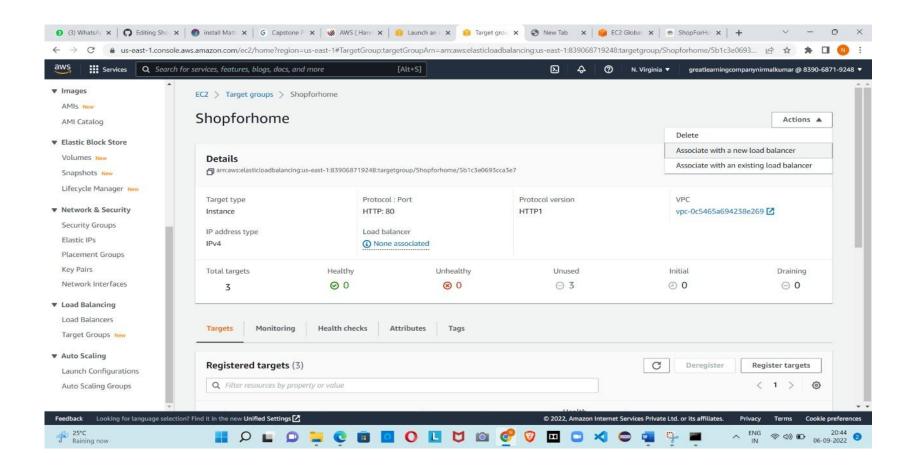


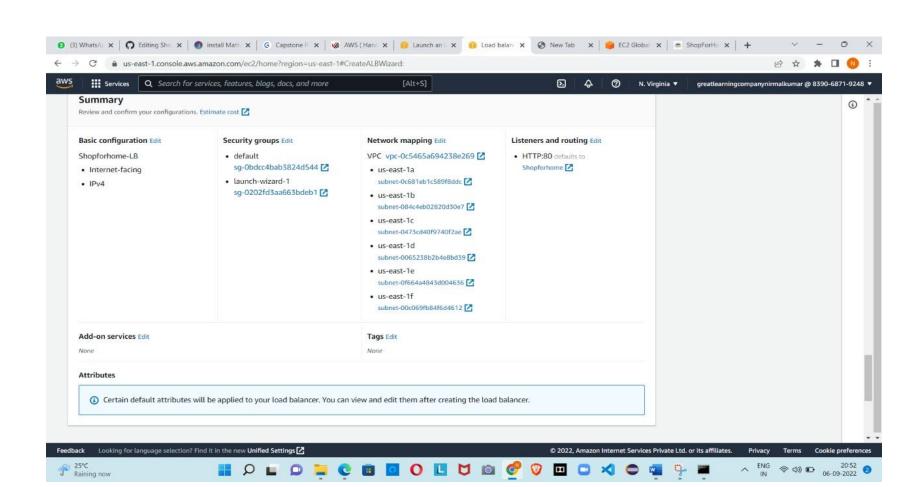


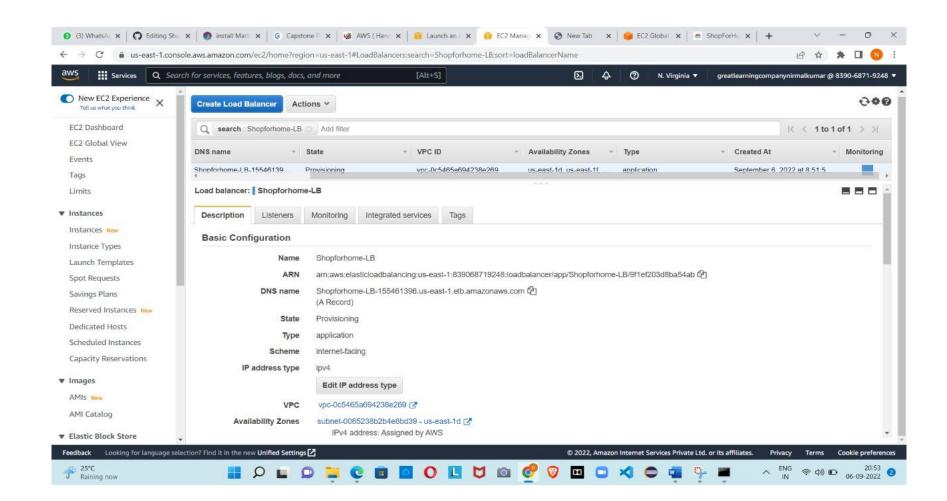


Creation of Target Groups

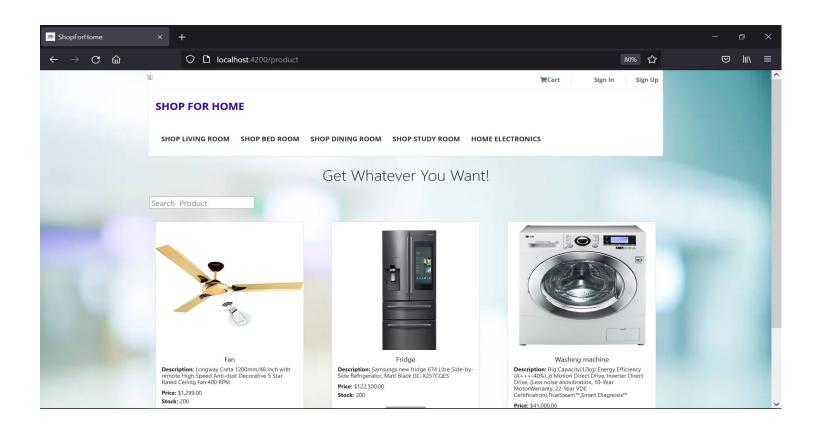




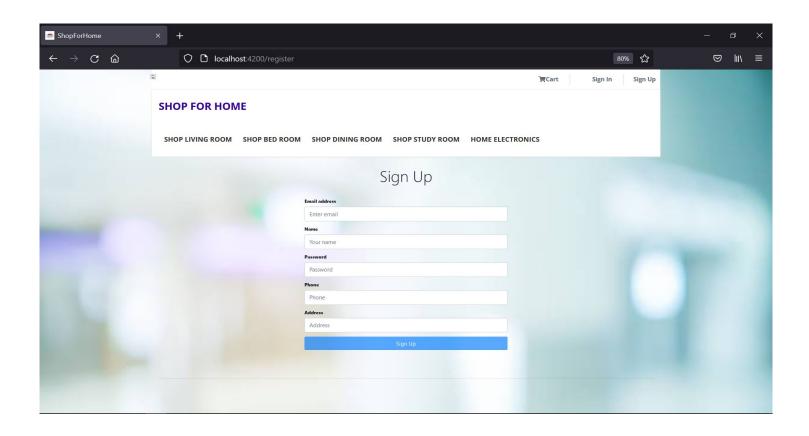




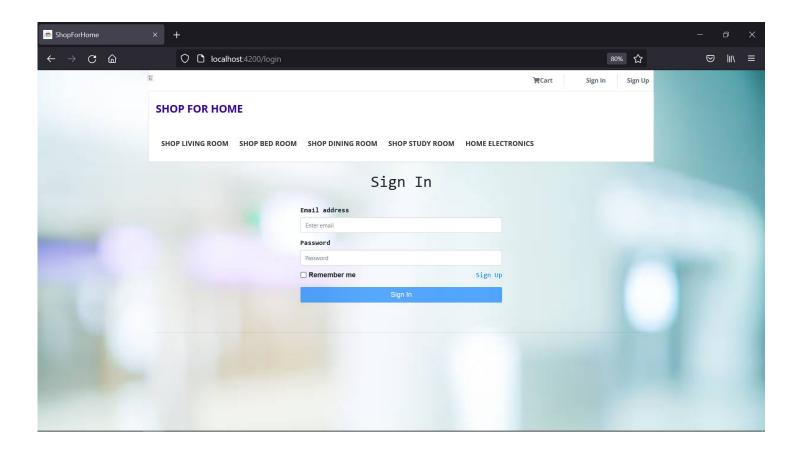
HOME PAGE



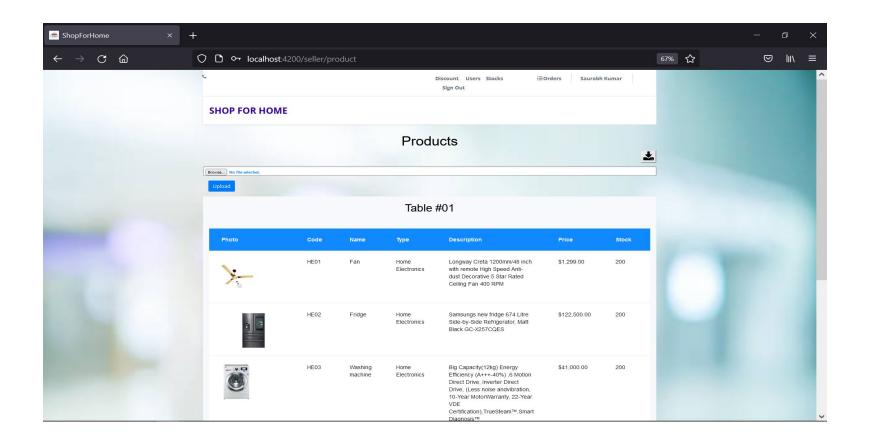
REGISTRATION



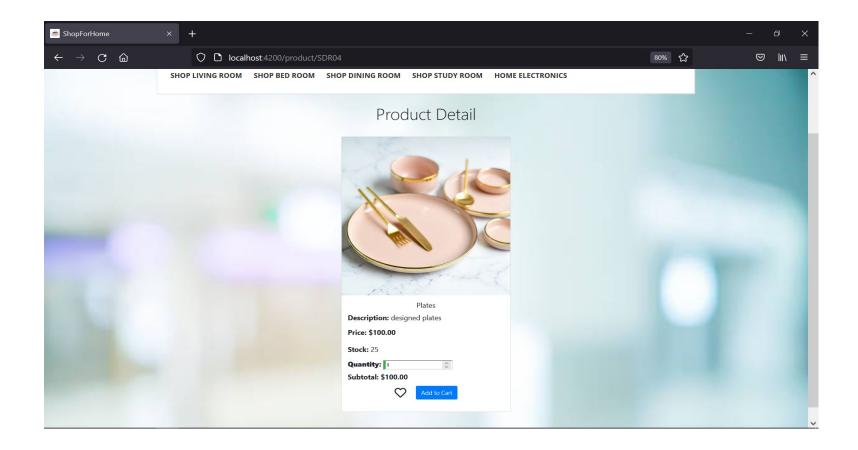
LOGIN



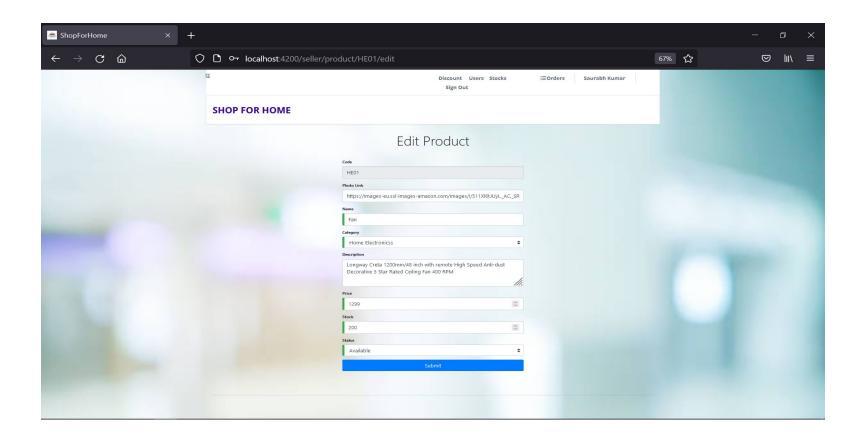
PRODUCTS



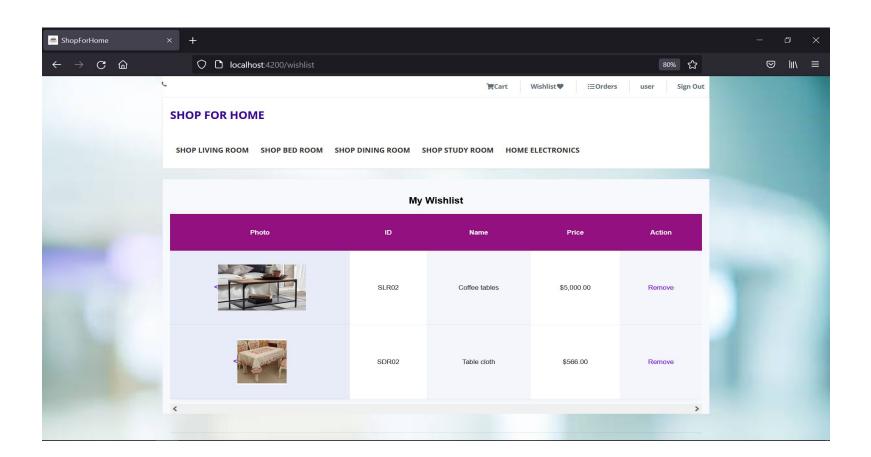
PRODUCT DETAILS



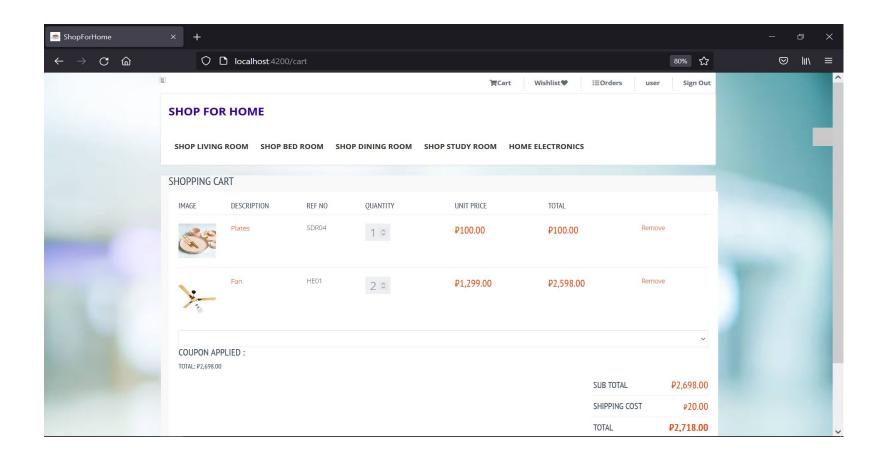
EDIT PRODUCT



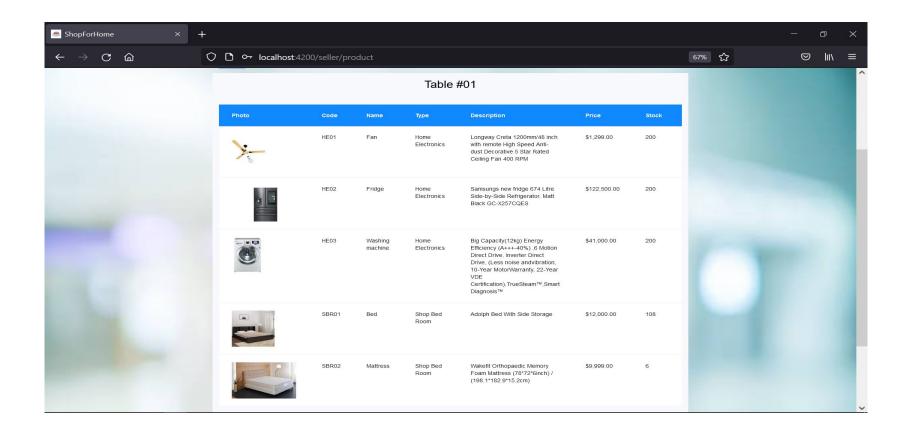
WISHLIST



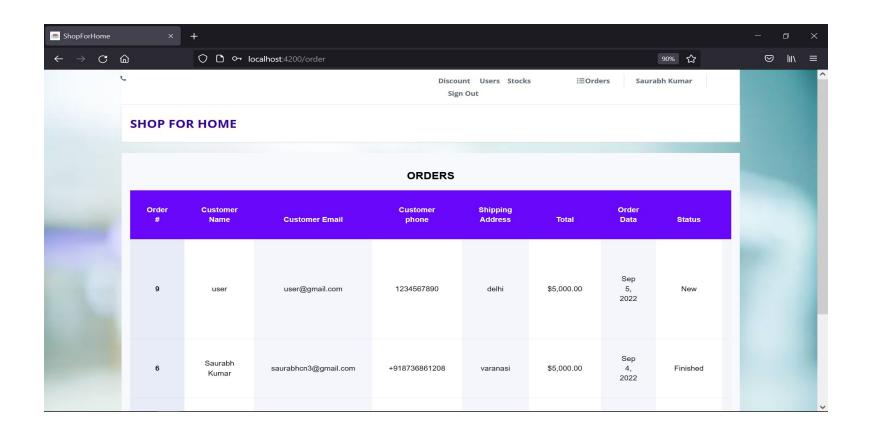
SHOPPING CART



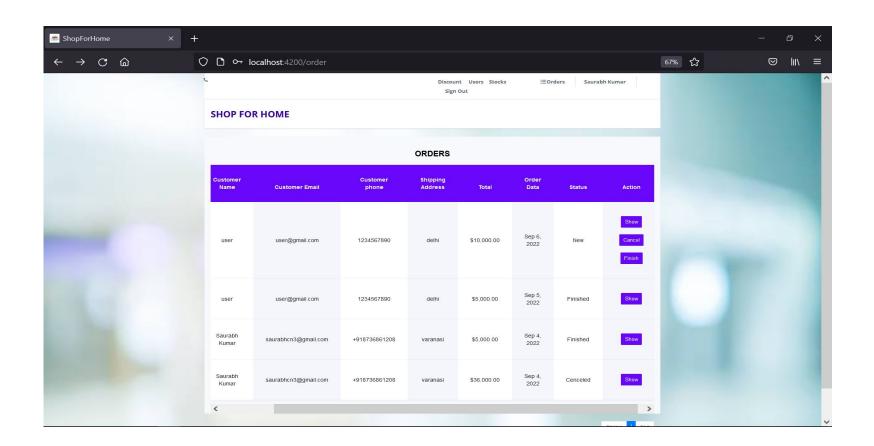
BULK PRODUCT



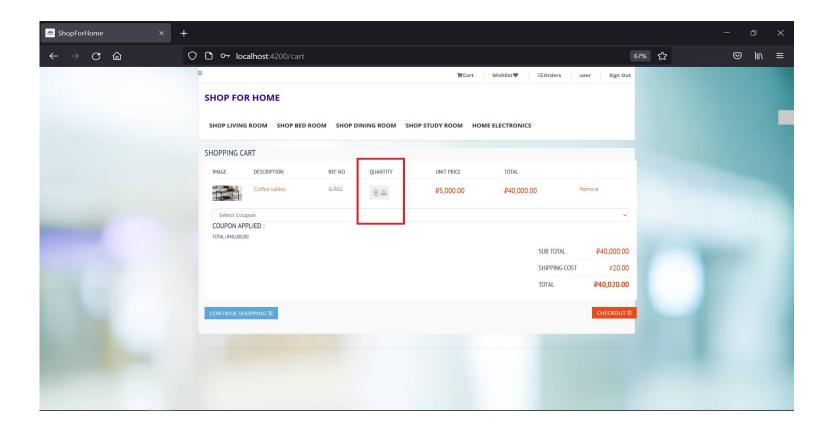
ORDERS



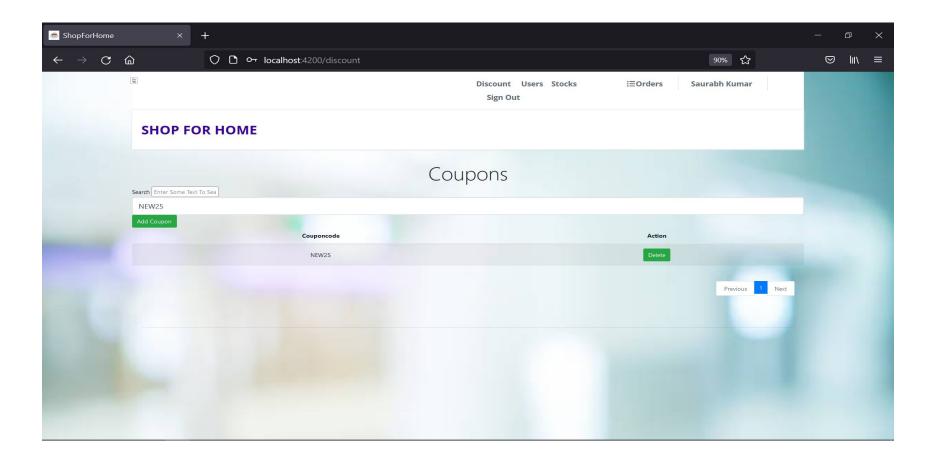
FINISH ORDER



QUANTITY INCREASE OR DECREASE



COUPONS



THANK YOU