A project report on

SHOPFORHOME

Submitted in partial fulfillment of the requirements for the internship of Wipro

JAVA &AWS C1 GROUP-7

By

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June 2022

ABSTRACT

E-commerce is fast gaining ground as an accepted and used business paradigm. More and more business houses are implementing websites providing functionality for performing commercial transactions over the web. It is reasonable to say that the process of shopping on the web is becoming commonplace.
The objective of this project is to develop an e-commerce toy store where products home décor items like sofas, chairs, mirrors, etc can be bought from the comfort of home through theInternet. However, for implementation purposes, this paper will deal with online shopping for toys.
An online store is a virtual store on the Internet where customers can browse the catalog and select products of interest. The selected items may be collected in a shopping cart. At checkout time, the items in the shopping cart will be presented as an order.

ACKNOWLEDGEMENTS

We are profoundly grateful to MR.NEERAJ KUMAR KHERIA expert guidance and encouragement throughout the project. We would like to extend our sincere thanks to our institution for providing us with this opportunity. We are highly indebted to our guide for his guidance and constant supervision as well as for providing necessary information regarding the project and also for his support in completing the project. The work is a team effort minus which the completion of this project was not possible.

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TABLE OF CONTENTS

Abstract	:	2
Acknowledgement	:	3
Table of Contents	:	4
CHAPTER 1: INTRODUCTION	:	5
CHAPTER 2: PROJECT OBJECTIVE	:	5
CHAPTER3: STUDY OF THE SYSTEM	:	5
CHAPTER 4: PROJECT DETAIL	:	6
CHAPTER 5: WEB PAGES DETAILS	:	6
CHAPTER 6: MODULES	:	7
6.1 : ADMIN MODULE	:	7
6.2: USER MODULE	:	8
CHAPTER 7: RESULTS	:	9
CHAPTER 8: CONCLUSION	:	18

1.0 INTRODUCTION:

ShopForHome is for shopping the home decor stuff . Due to Covid 19 all the offline shopping stopped. So, the store wants to move to the cloud platforms and wants their own web application. The overall idea behind this project is to allow users to buy home decor products online.
The application aims to provide a shopping system for users where the user can sign in ,sign up and search all the home decor items available in the application. The user can add favorite items to the wishlist and can add items to the cart by clicking on the get it button available. In this way ShopforHome app enables users to purchase home decor items like chairs, mirrors, clocks, sofas, etc with a single click.
Admin, on the other hand, can login, log out, and register into the application. Along with this admin will be able to upload the products in bulk amounts.

2.0 PROJECT OBJECTIVE:

ShopForHome is a popular Store in the market for shopping home decor stuff. Due to Covid 19, all offline shopping stopped. So, the store wants to move to the cloud platforms and wants its own web application.

3.0 STUDY OF THE SYSTEM:

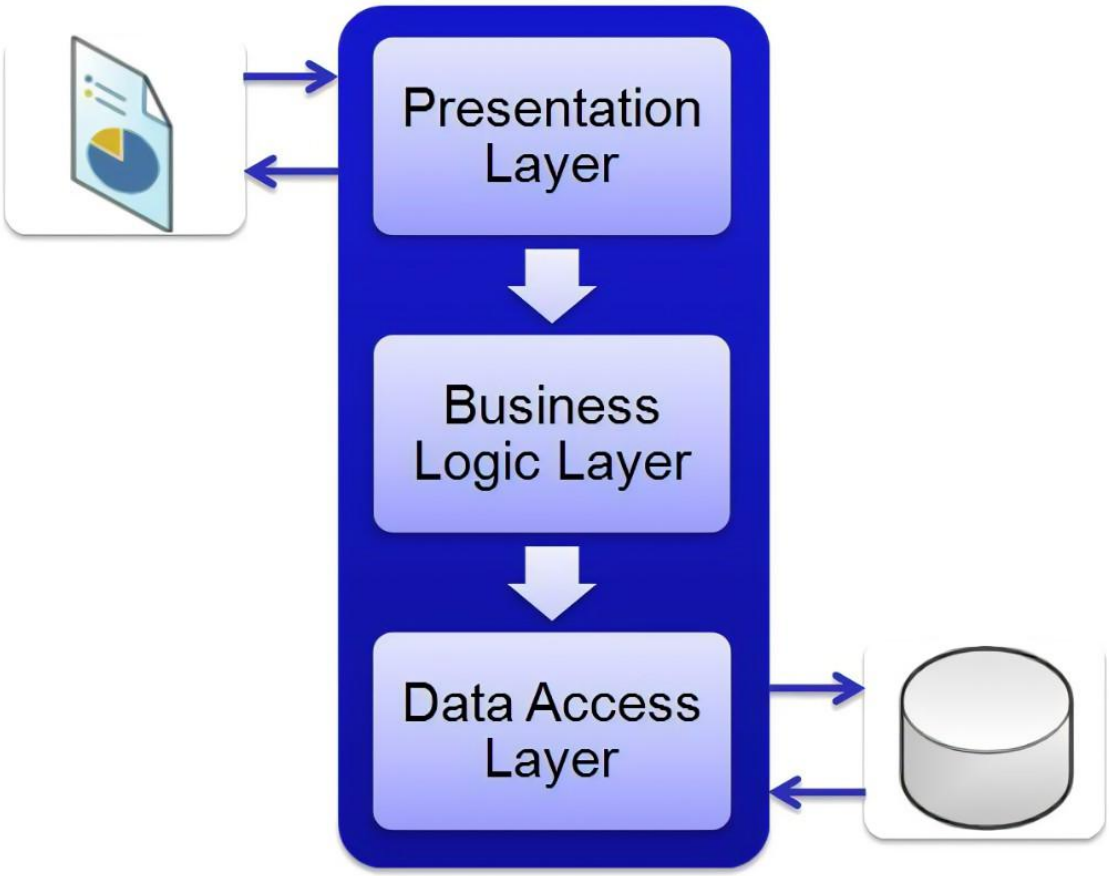
The major objective of this ShopForHome application was to provide a platform for users to buy home décor products from the website. The application consists of two types of users –

- ADMIN – A admin can log in to the application using a username and password. On successful login, the user will be redirected to the admin dashboard where the user will see an overall view of the application which includes all products and a list of products to shop for. Admin is able to log in, Logout, and Register into the application. Admin is able to perform CRUD on Users. Admin is able to perform CRUD on the products. Admin is able to get bulk upload option to upload a csv for product details. Admin is able to get the stocks. Admin is able to mail if any stock is less than 10. Admin is able to get the sales report of a specific duration. Admin is able to set the discount coupons for a specific set of users.

- USER – Users can register themselves on the platform by signup from the registration page. For registration, the user will need to provide the username, email address, password, phone number, and address. The user is able to log in, Logout, and Register into the application. User is able to see the products in different categories. The user is able to sort the products. The user is able to add the products to the shopping cart. The user is able to increase or decrease the quantity added to the cart. The user is able to add “n” number of products in the cart. The user is able to get the Wishlist option where I can add those products which I want but don’t want to order now. Users can get different discount coupons.

4.0 Project Detail:

1. Attach the database in your "SQL Server Management Studio Express".
2. Run the application on Microsoft Visual Studio as web site.
3. Locate the database.



4.1 project detail

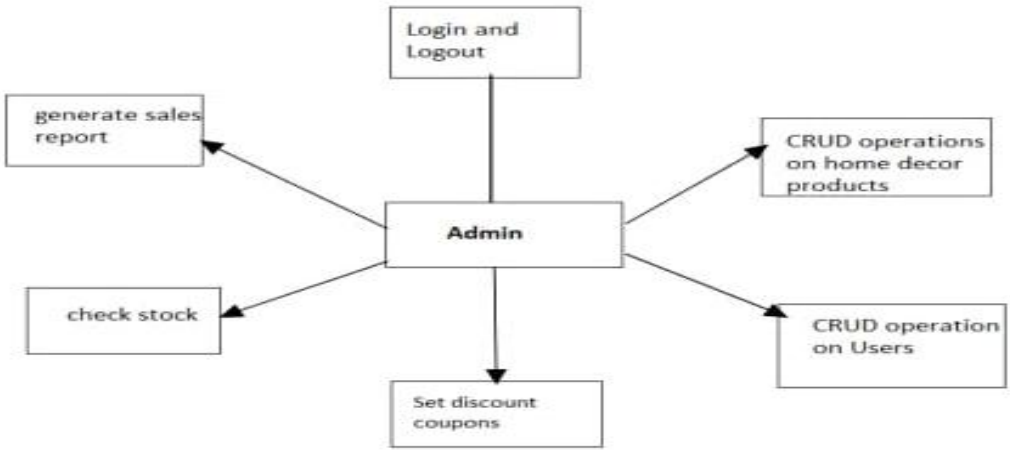
5.0 Web Pages details:

Home Page
Login Page
Sign Up Page
Products Page
Sales and reports page
Wish-list page
Cart page

6.0 MODULES:

1. Admin
2. User

6.1 ADMIN MODULE:



- Admin Login

This feature helps the admin to login to system. A admin must login with his user name and password to the system after registration. If they are invalid, the user not allowed to enter thesystem.

- Curd Operations

Admin is able to perform different Curd operations on User and Products.

- Bulk Upload

This feature help admin to upload the products in the bluk amount.

- Stocks

Admin gets the products in the stockand mail if any stock is less than 10.

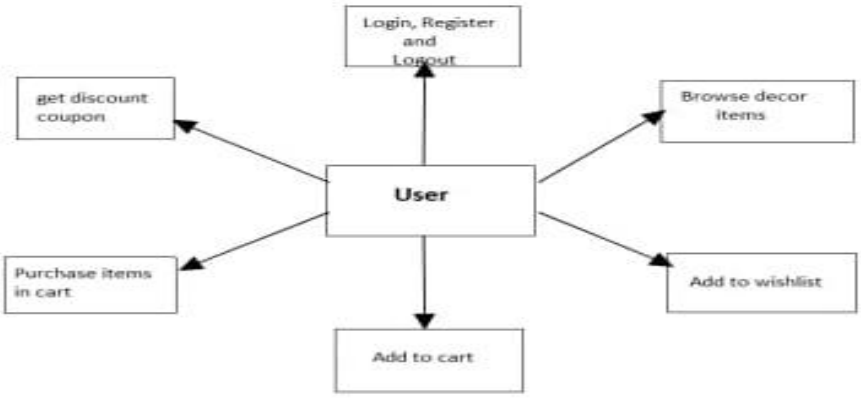
- Sales and reports

Admin gets the sales report of particular duration.

- Discount coupons

Admin sets the discount coupons for the specific set of users.

6.2 **USER MODULE:**



- User Login

This feature helps the user to login to system. A user must login with his user name and password to the system after registration. If they are invalid, the user not allowed to enter thesystem.

- Product List

This feature helps the user to see the products in different categories.

- Cart

This feature helps the userto add the products into the shopping cart and user can increase or decrease the quantity added in the cart. User is able to add “n” number of products in the cart.

- Wish-list

This feature helps the user add the products to the wishlistwhich the user doesn’t want to order at that particular time.

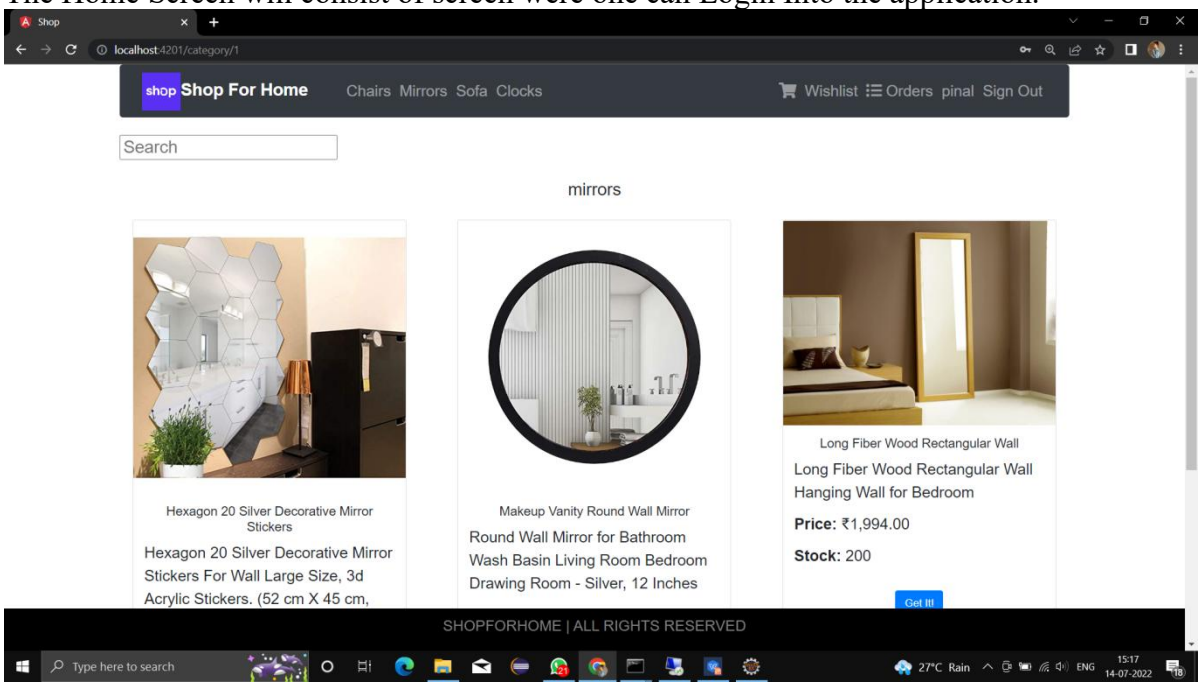
- Discount Coupon

User can get different discount coupons.

7.0 RESULTS

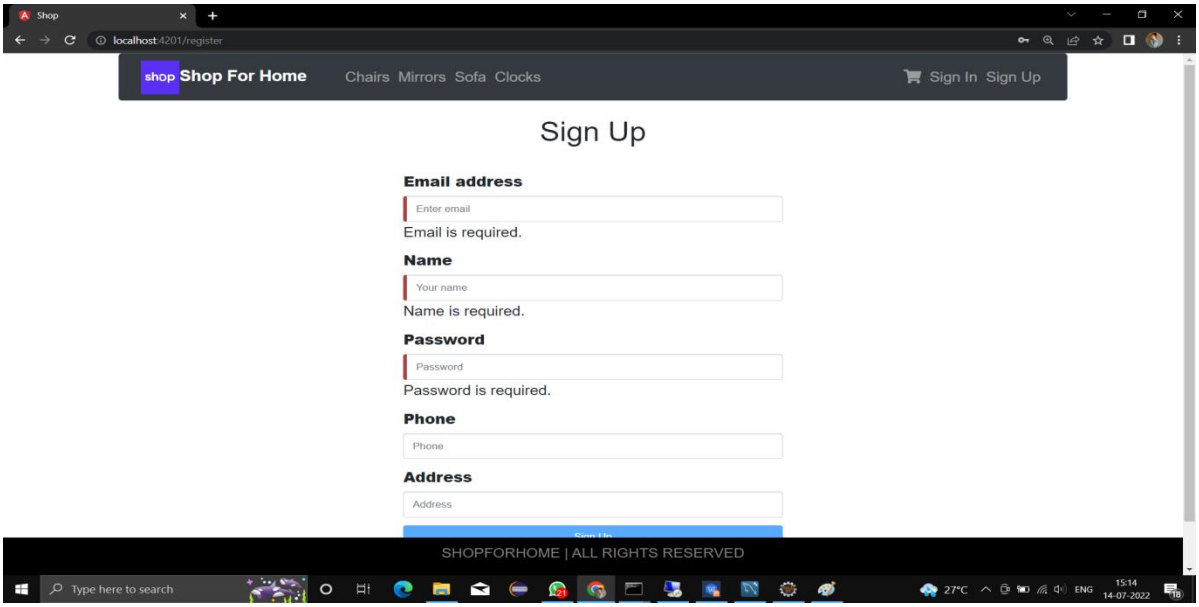
HOME PAGE:

The Home Screen will consist of screen were one can Login Into the application.



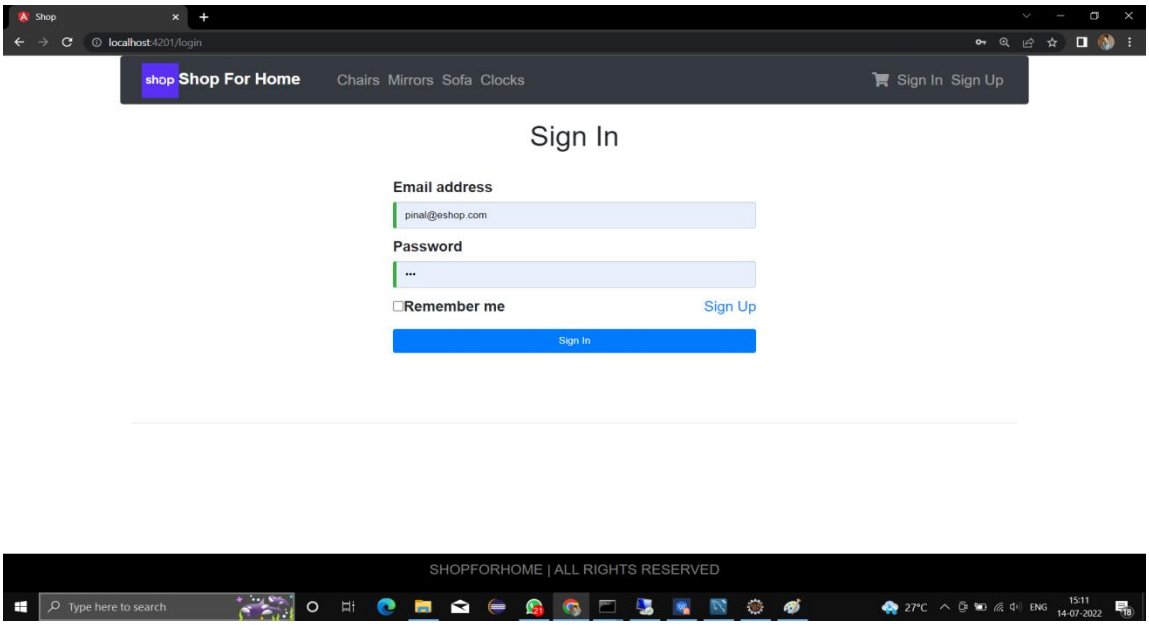
SIGNUP PAGE:

User is able to register into the Application



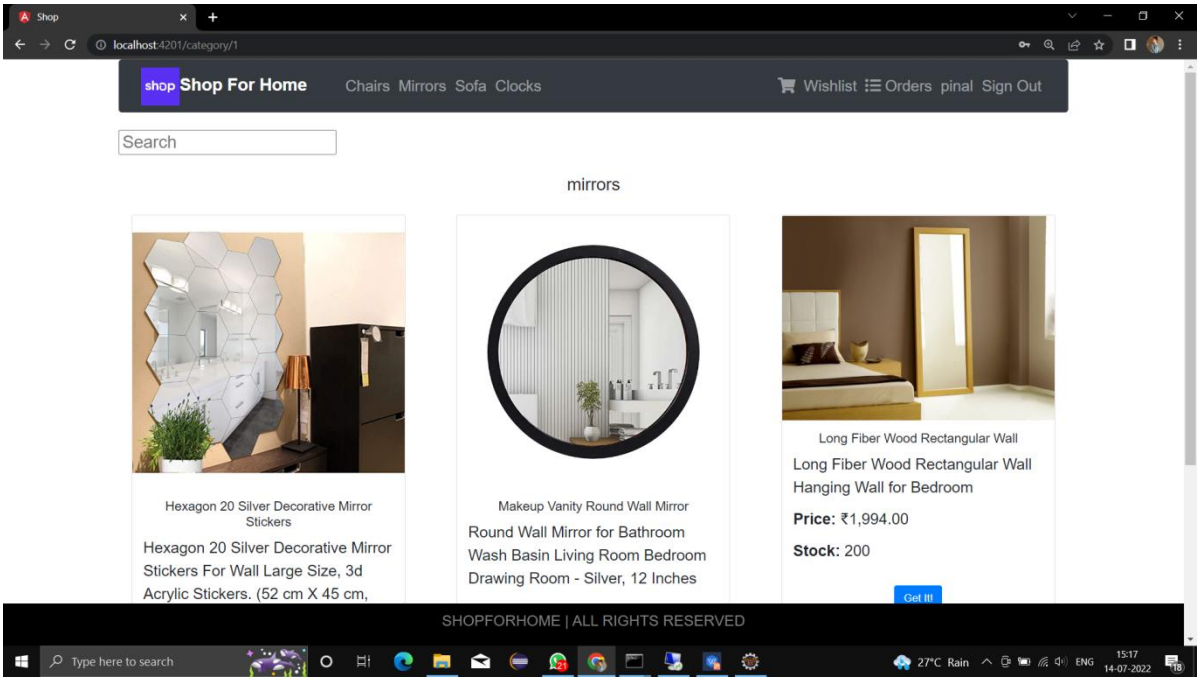
LOGIN PAGE:

User is able to login and logout into the Application



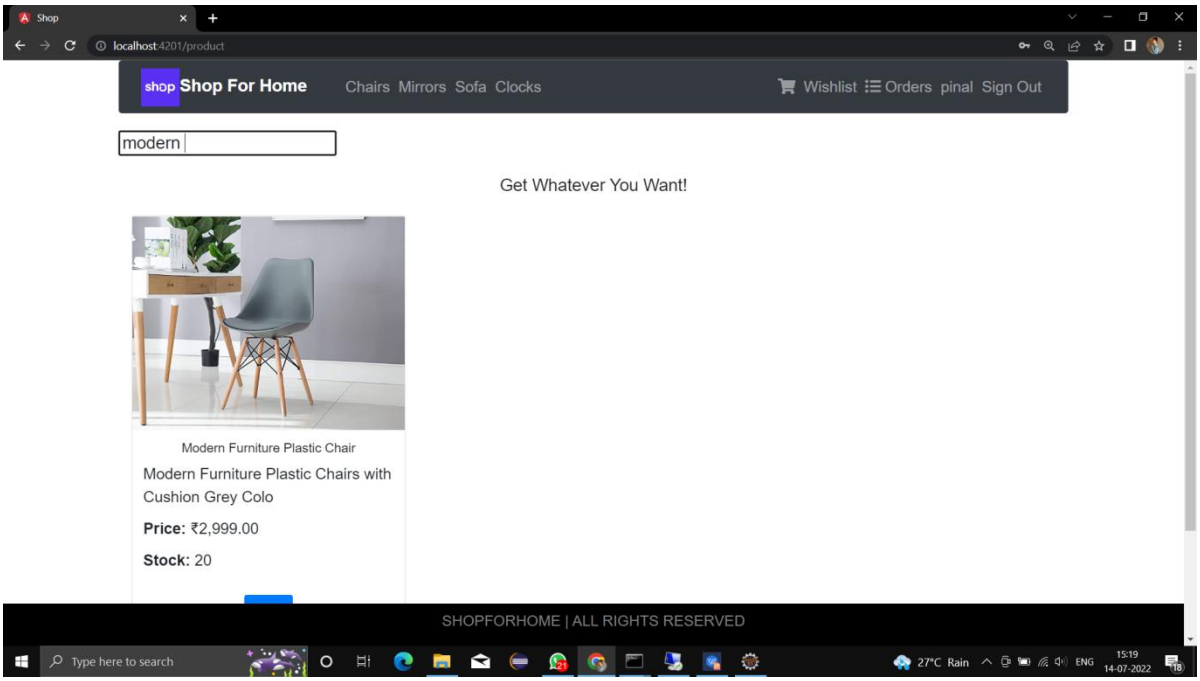
PRODUCT LIST:

User is able to see the products in different categories



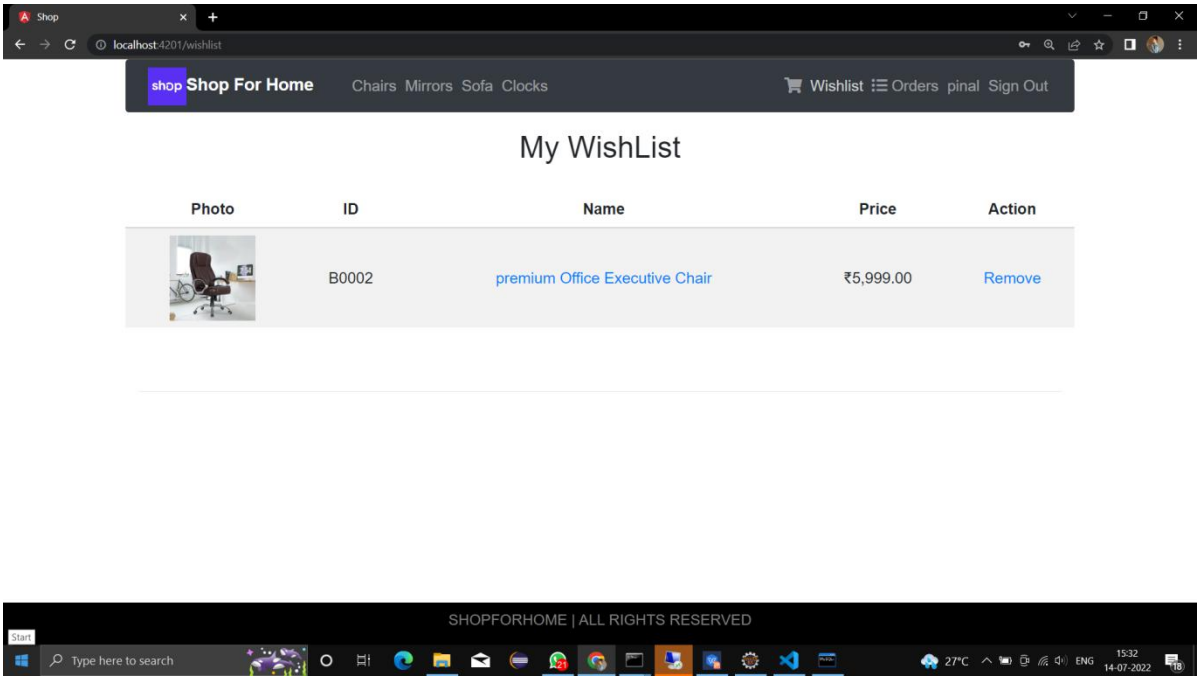
SEARCH

User can search different product items

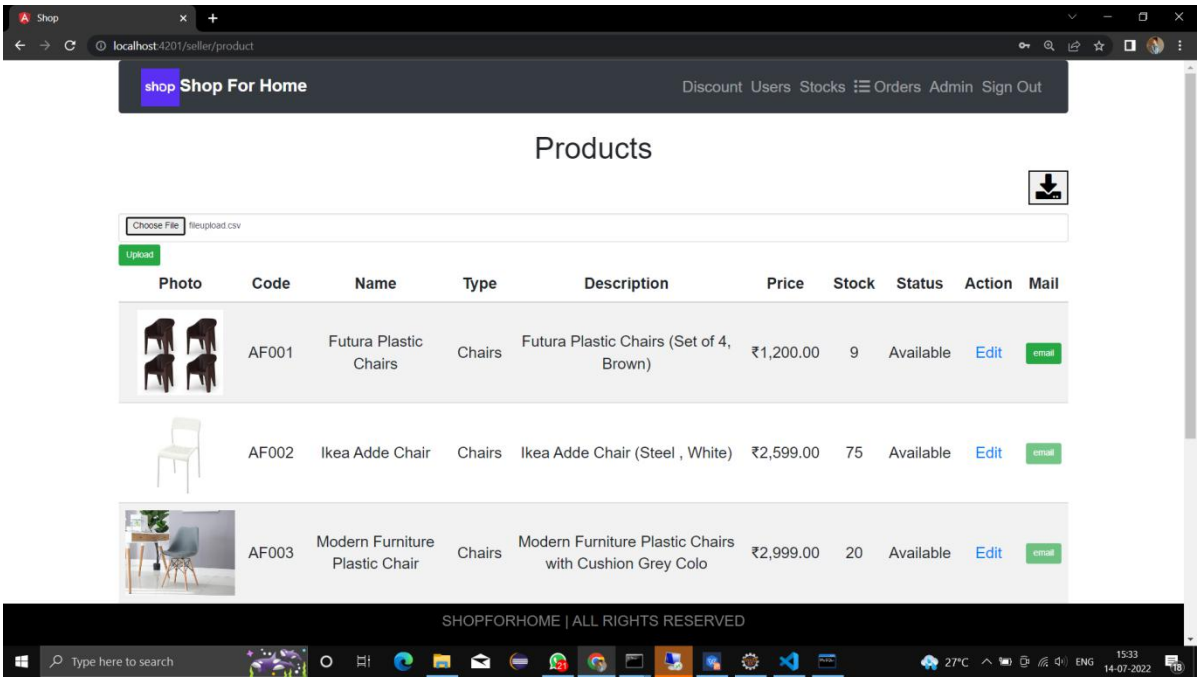


WISHLIST:

- **User is be able to get the Wish-list option to add those products which they but don't want to order now.**

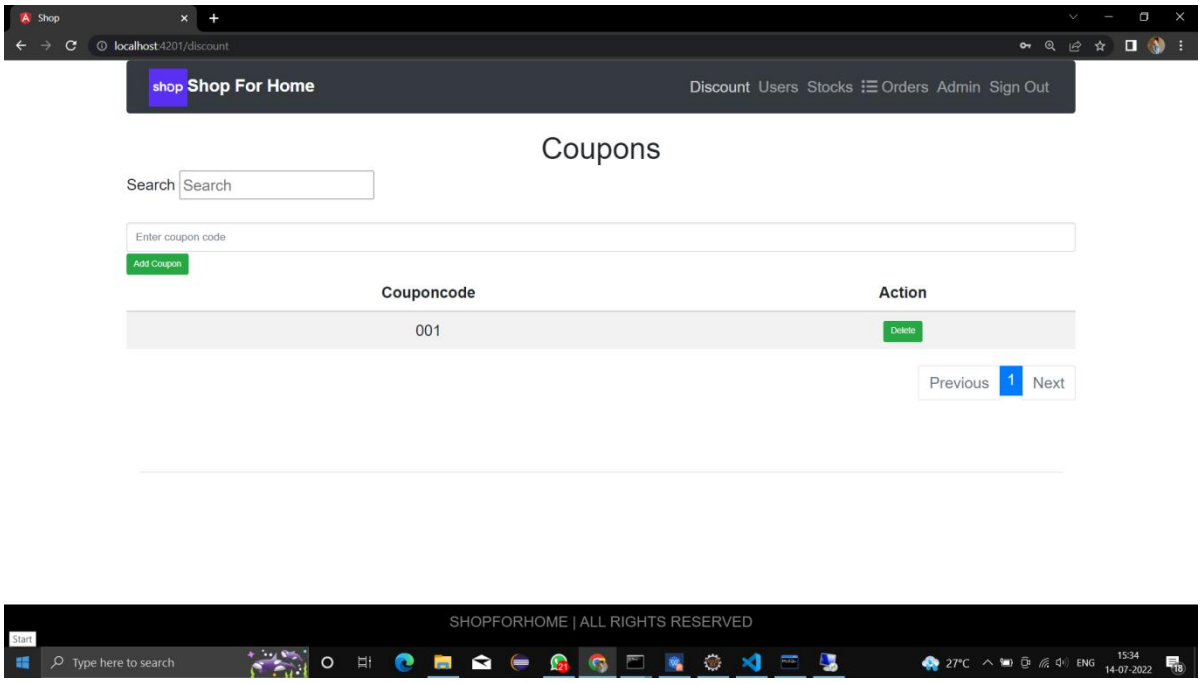


BULK UPLOAD:



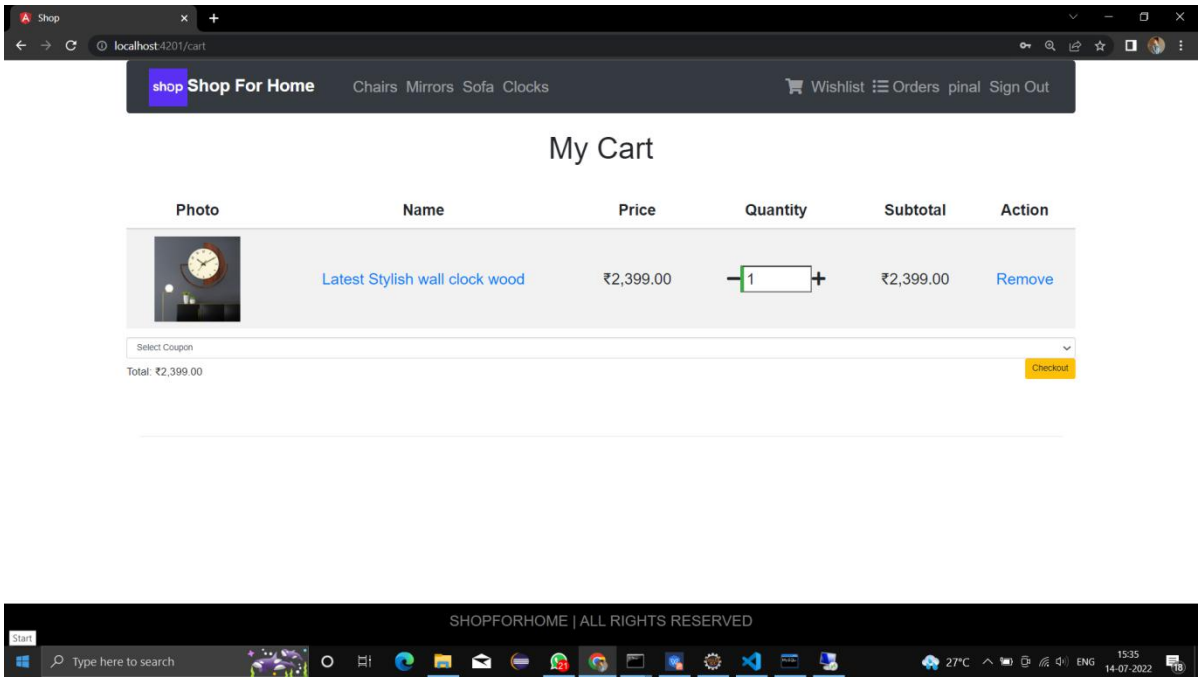
DISCOUNT COUPONS:

User is able to get different discount coupons.



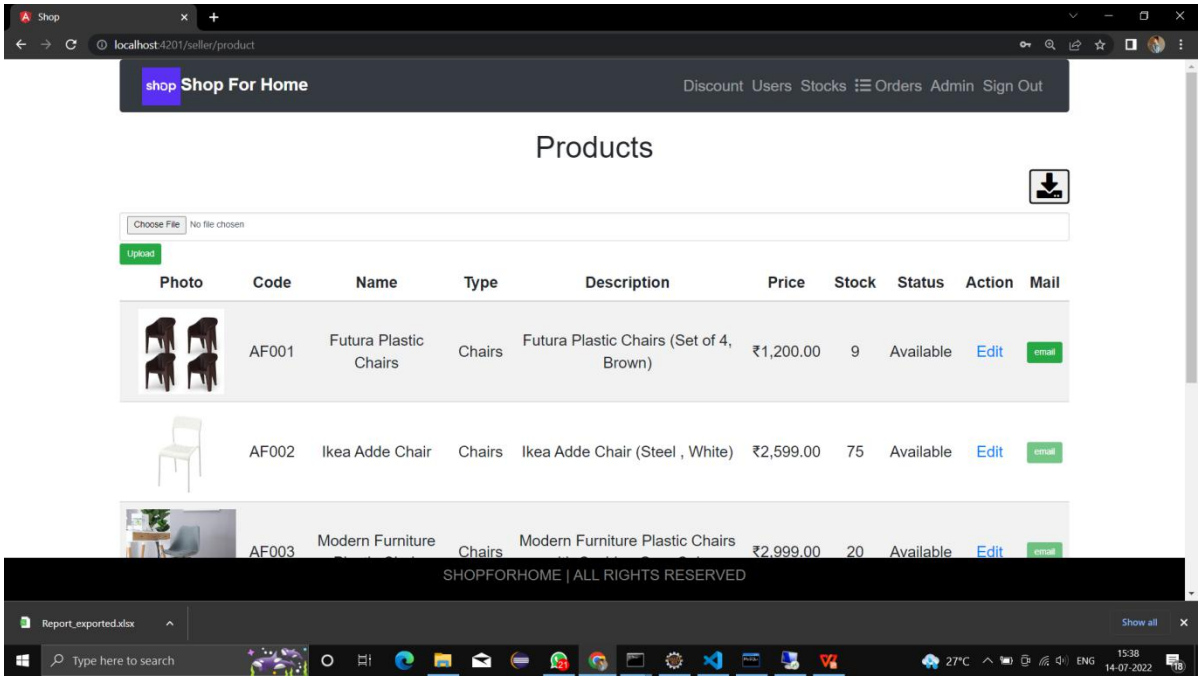
CART OPTION:

User is able to add the products into the shopping , to increase or decrease the quantity added in the cart and to add “n” number of products in to the cart.



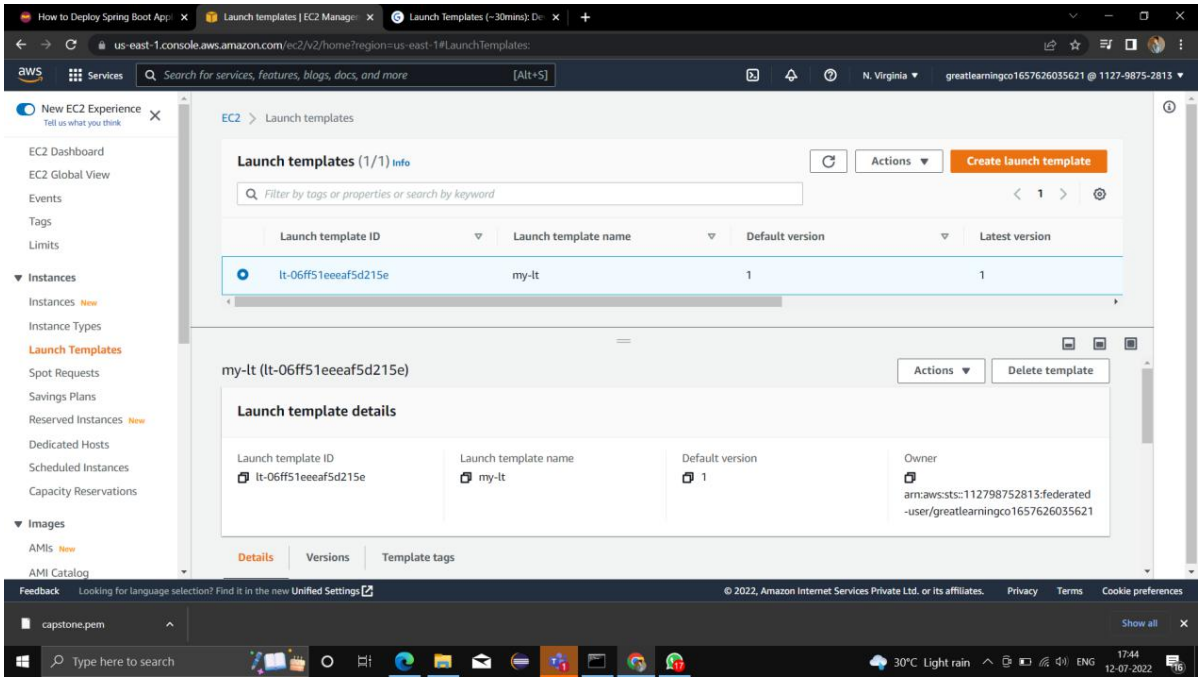
STOKE AND SALES REPORT:

Admin is able to get the sales report of a specific duration.

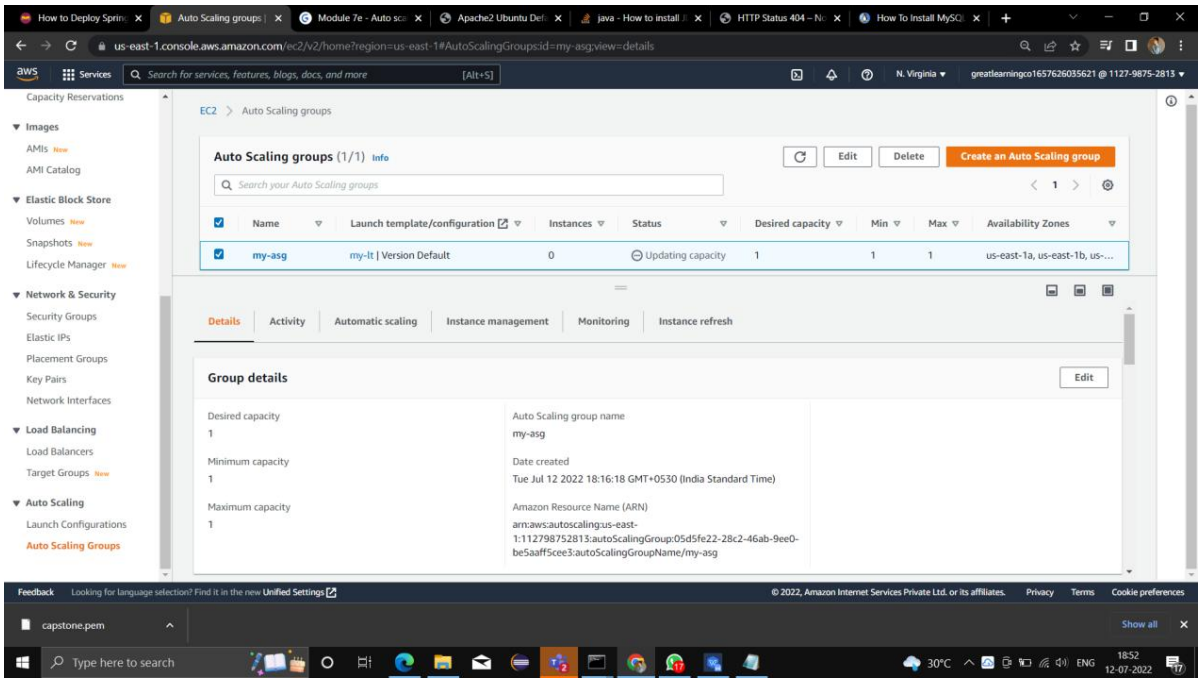


DEPLOYING EC2 INSTANCES:

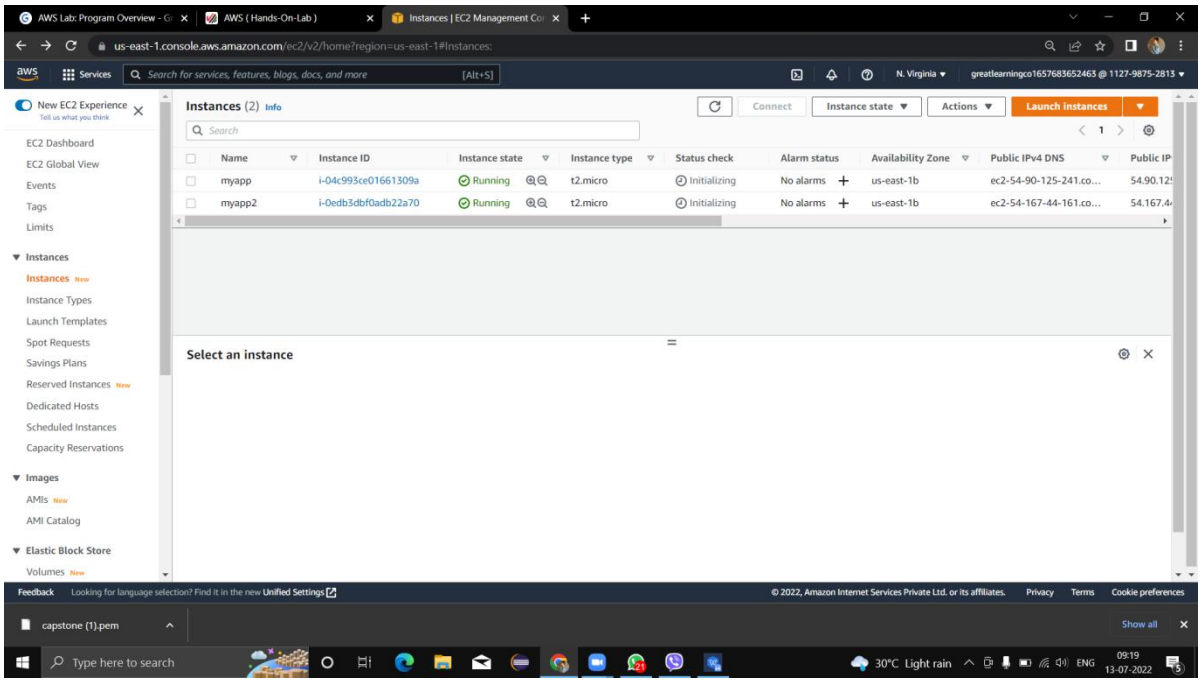
Launch Templates



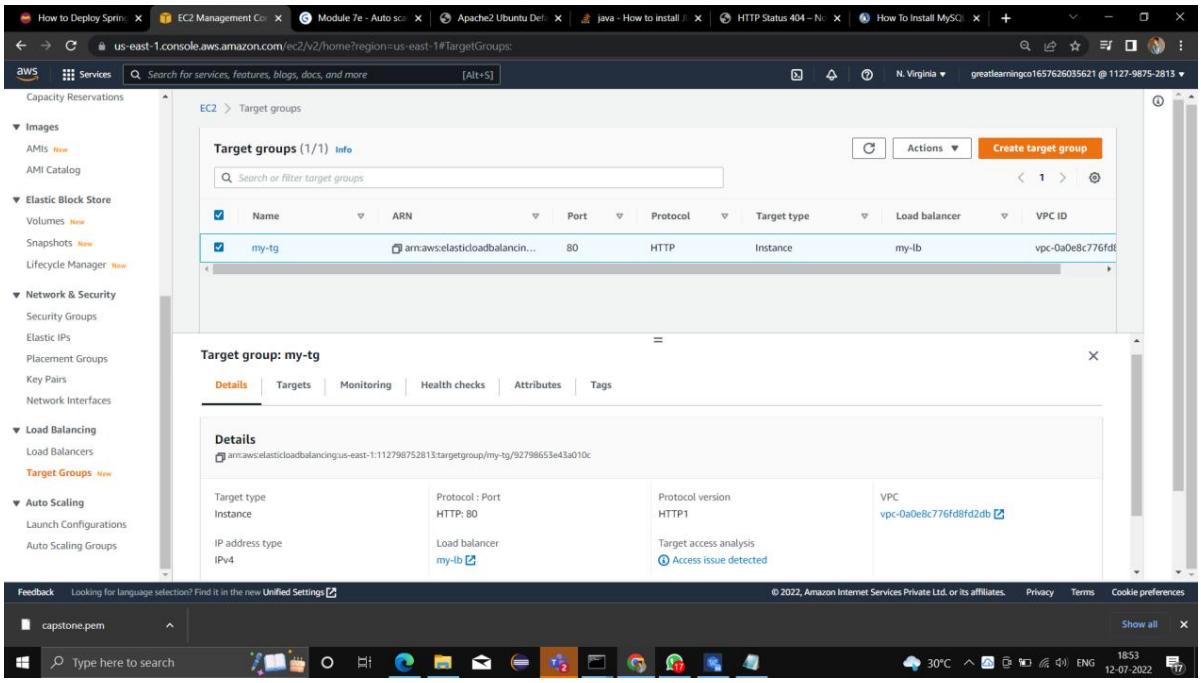
Auto Scalling Group



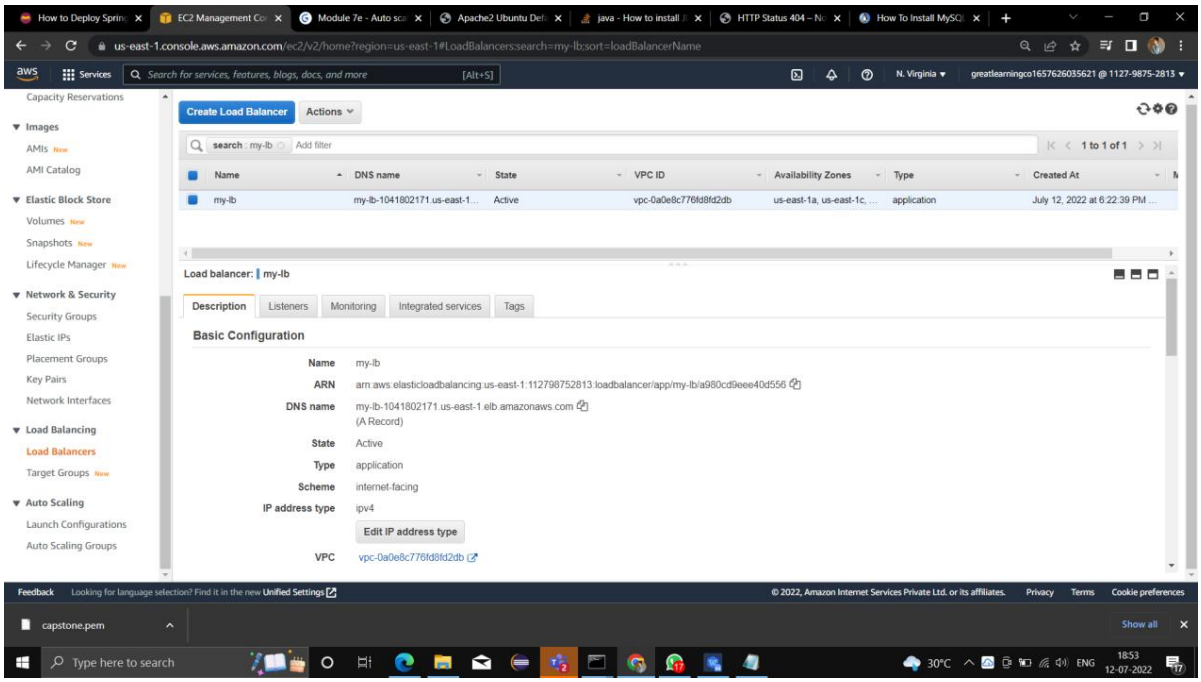
EC2 Instances



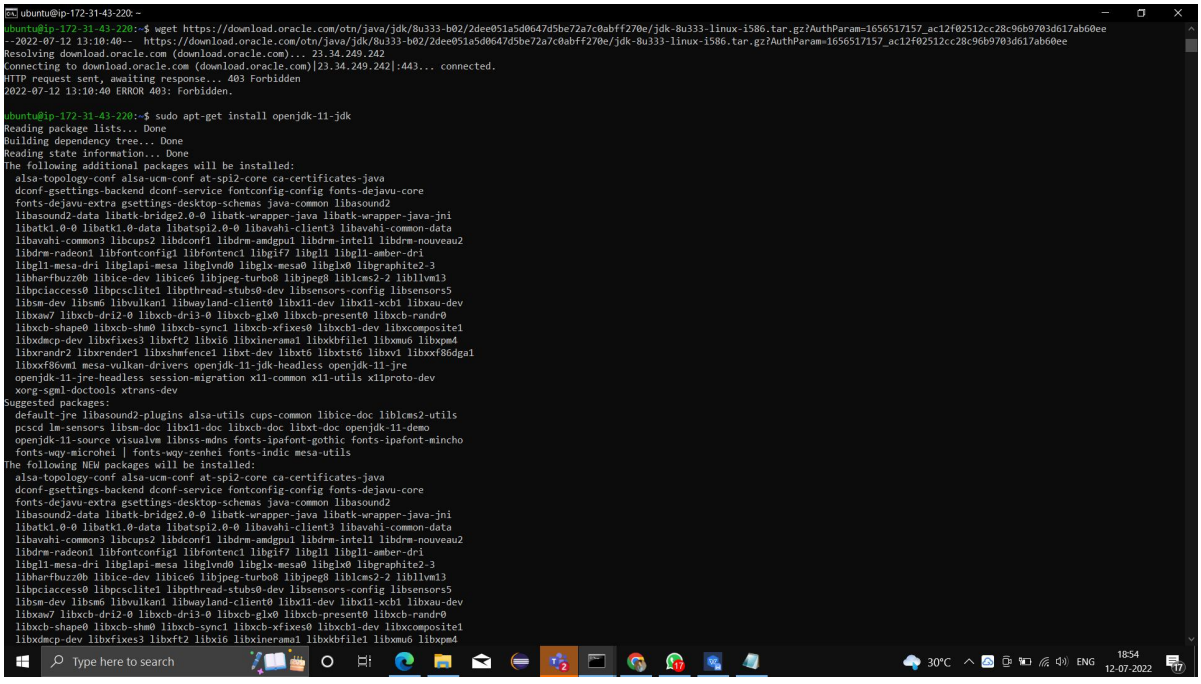
Target Group:



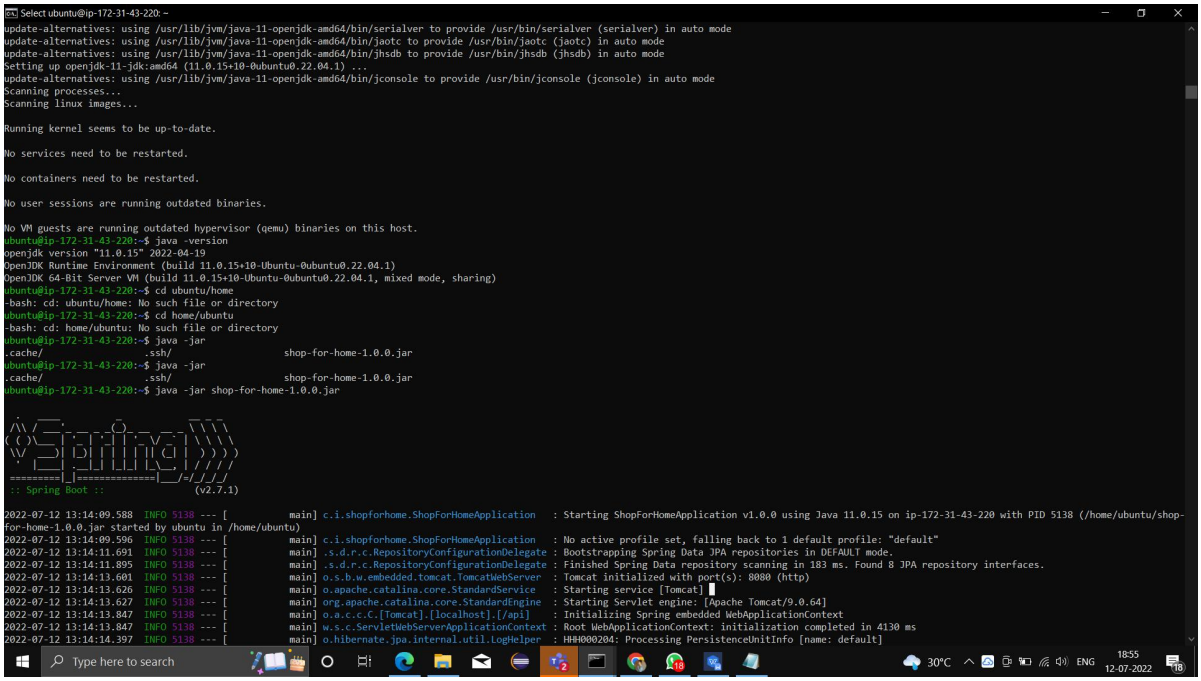
Load Balancer:



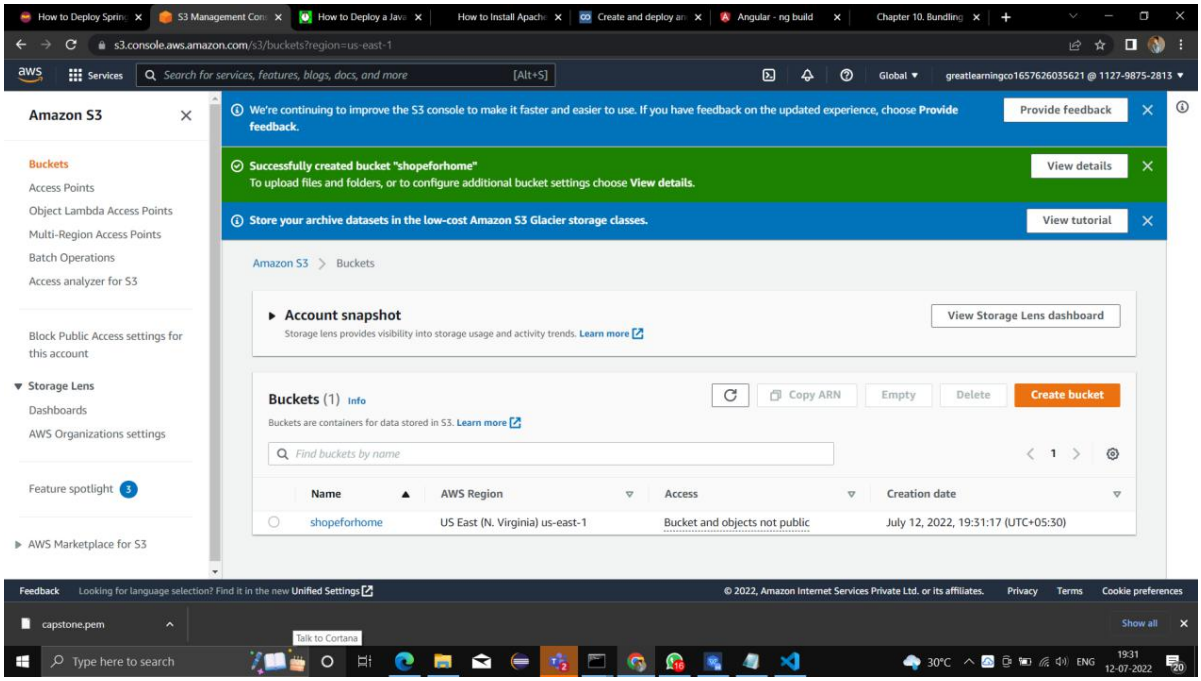
JDK Installation:



Starting the Application shop-for-home-1.0.0.jar:



S3 Bucket:



8.0 CONCLUSION:

Hence we created an e-commerce application successfully with all the requirements mentioned in the objective