



CAPSTONE PROJECT

SHOP FOR HOME

GROUP 1 (Batch C3)









- 1. SAHASTRA KISHORE
- 2. BHARATHI S
- 3. SAMBASIVARAO TIRUMALA
- 4. SAI LAKSHMI
- 5. DIVYANSH AGARWAL







CONTENT

- > Introduction
- > Application used
- > USER
- > ADMIN
- > AWS CLOUD deployment
- ➤ GIT repository







Problem Statement: ShopForHome is a popular Store in the market for shopping the home décor 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.

There are 2 users on the application –

- 1. User
- 2. Admin





APPLICATIONS USED

Backend

- > Java 11
- > Spring Boot 2.2
- > Spring Security
- > JWT Authentication
- > Spring Data JPA
- > Hibernate
- > Maven

Frontend

- > Angular 7
- ➤ Angular CLI
- ➤ Bootstrap





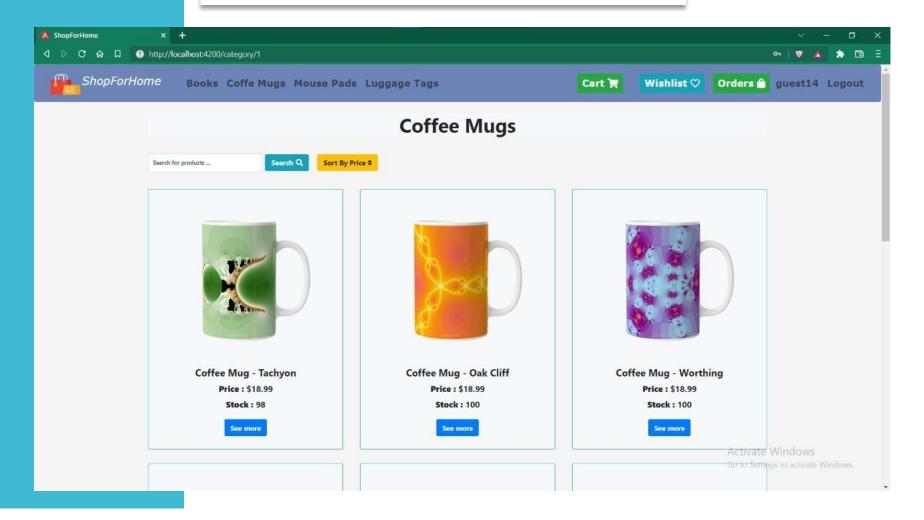
USER

- 1.As a user I should be able to login, Logout and Register into the application.
- 2.As a user I should be able to see the products in different categories.
- 3.As a user I should be able to sort the products.
- 4.As a user I should be able to add the products into the shopping cart.
- 5.As a user I should be able to increase or decrease the quantity added in the cart.
- 6.As a user I should be able to add "n" number of products in the cart.
- 7.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.
- 8.As a user I should get different discount coupons





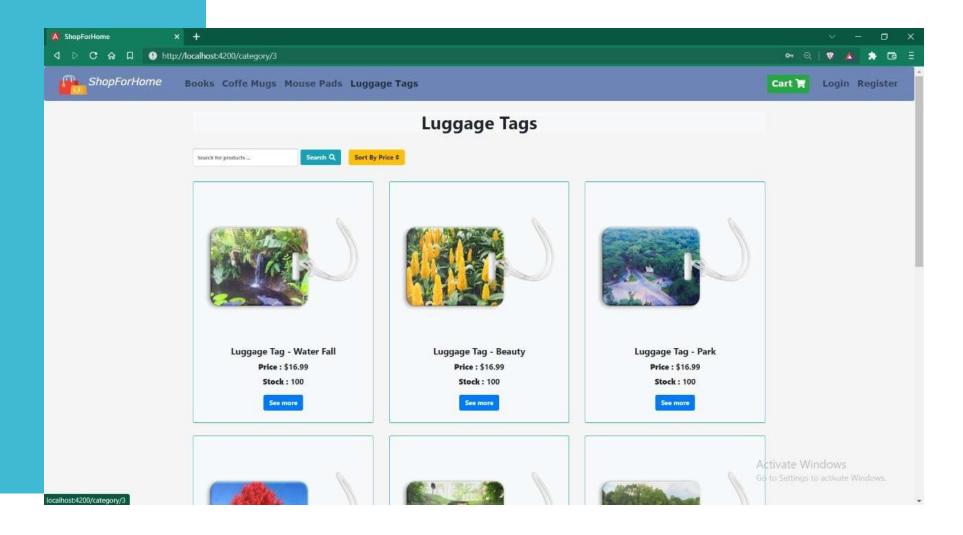
HOME PAGE (USER)







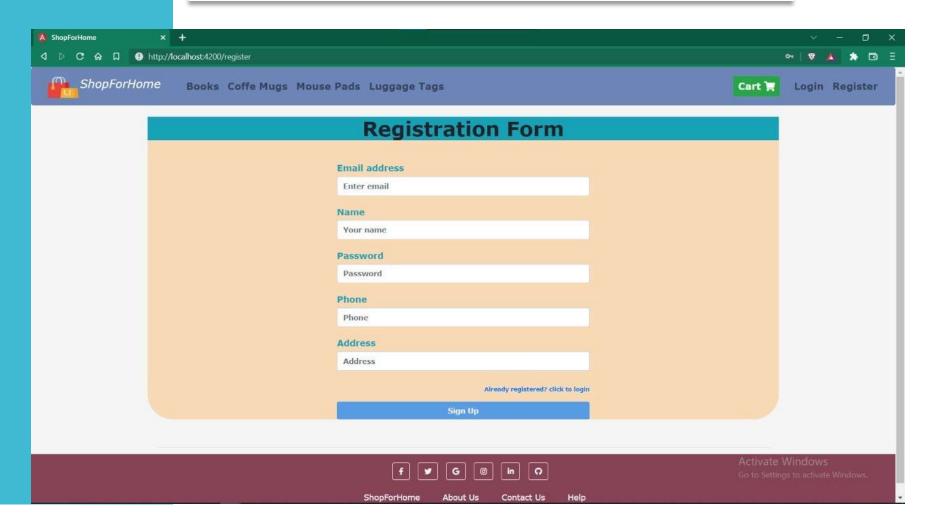
CATEGORIES (USER)







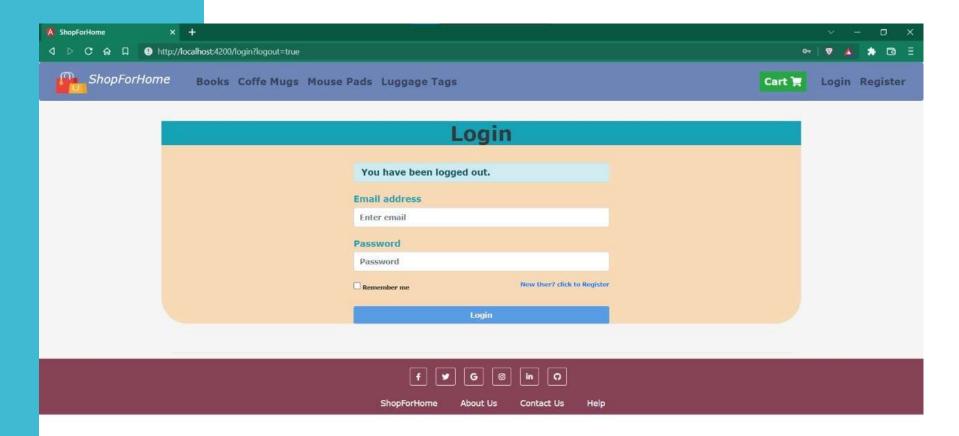
CUSTOMER REGISTRATION







User Login



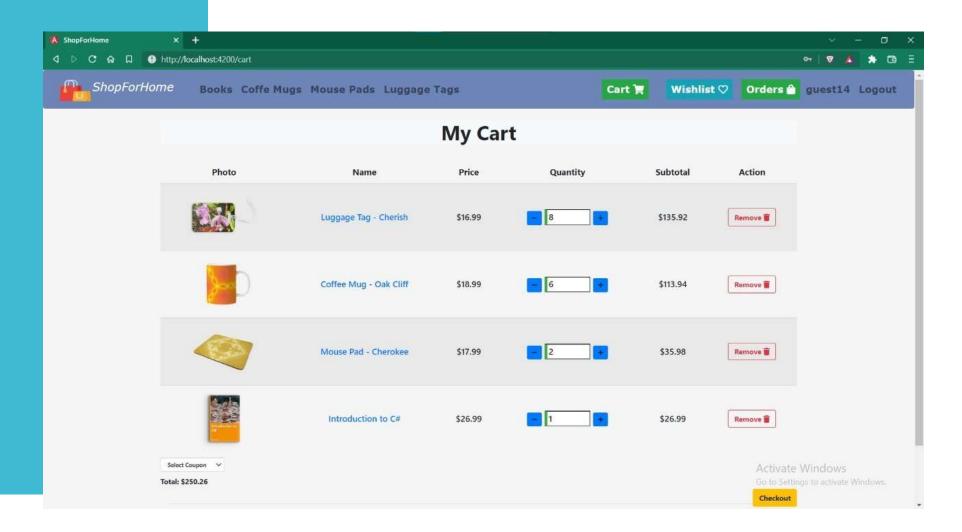
Activate Windows

Go to Settings to activate Windows.





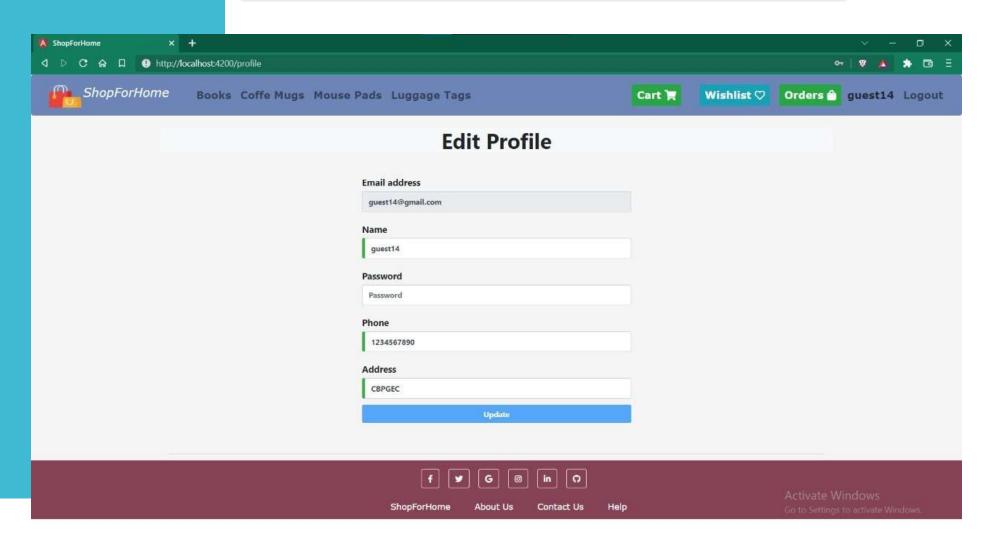
ADD TO CART





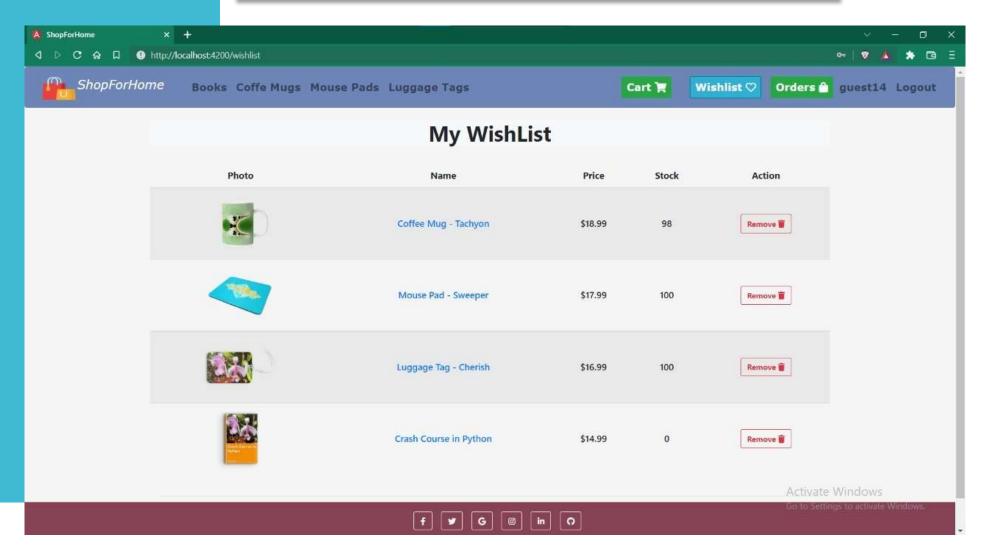


USER PROFILE





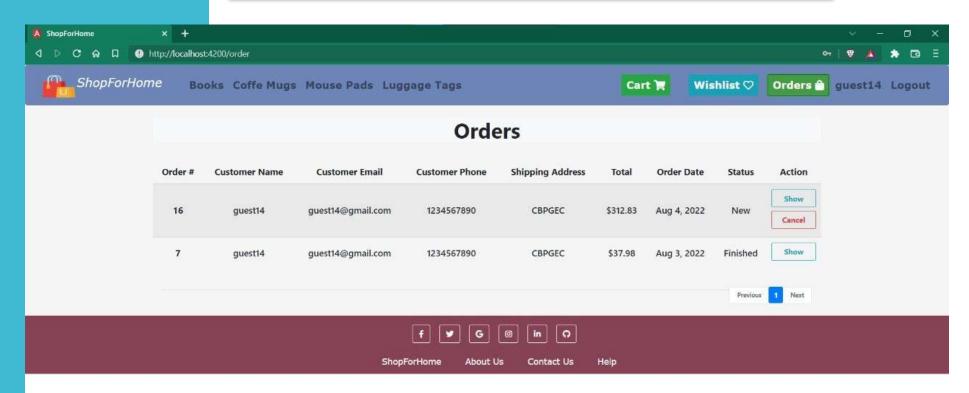
WISHLIST







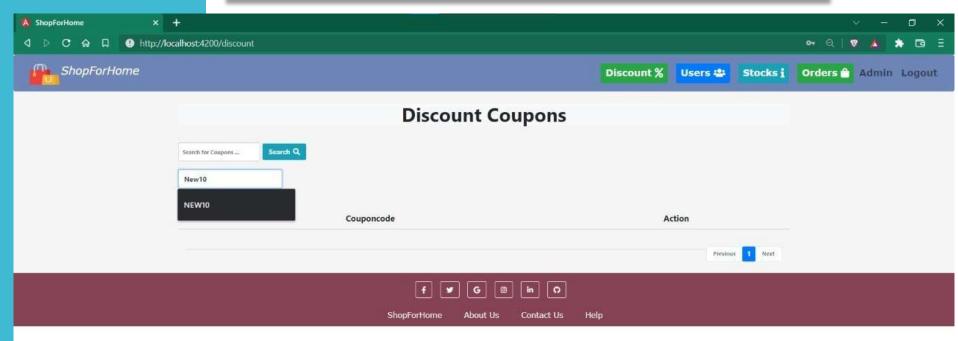
USER ORDER HISTORY







DISCOUNT COUPON









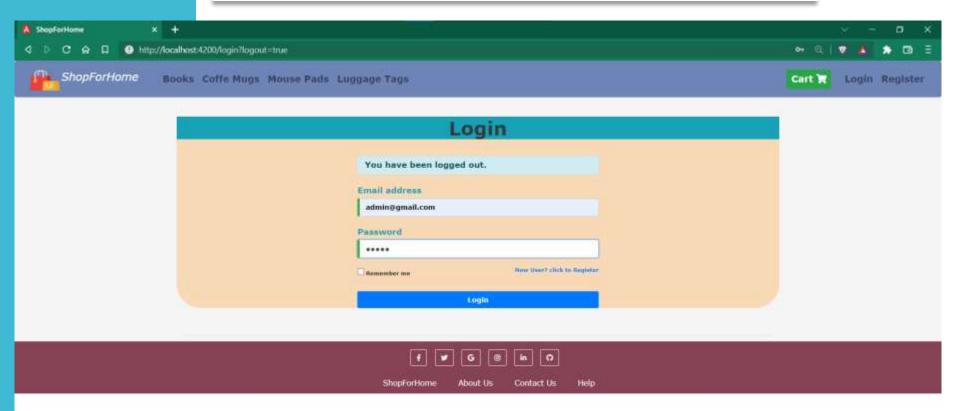
ADMIN

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





ADMIN LOGIN/ SIGNUP

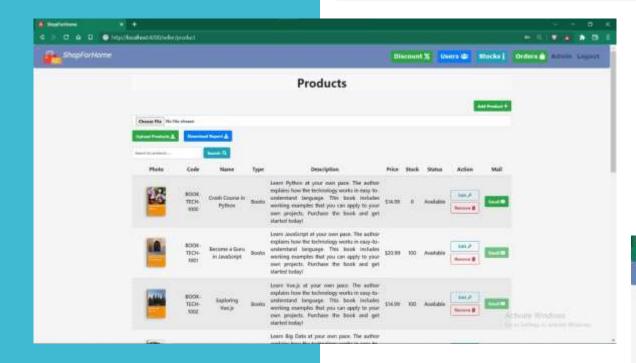


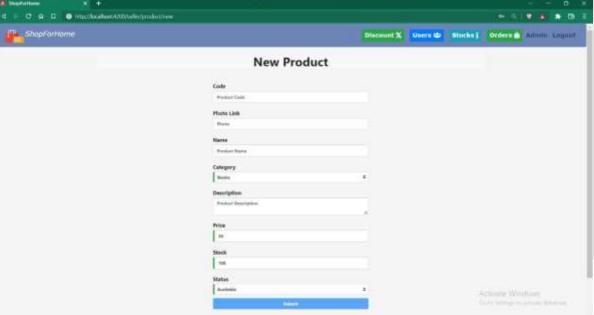
Activate Windows
Go to Settings to activate Windows





ADD PRODUCTS (Admin)

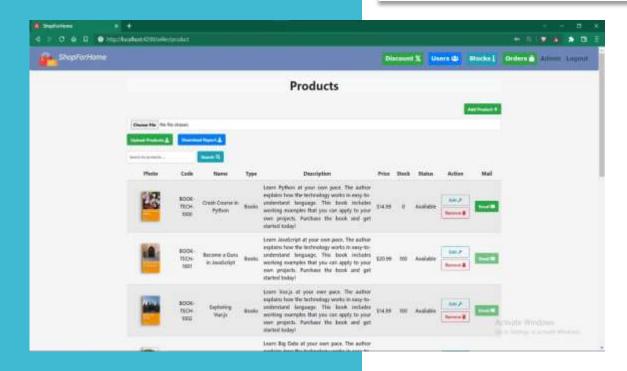








ADMIN (Stock and Sales Report)

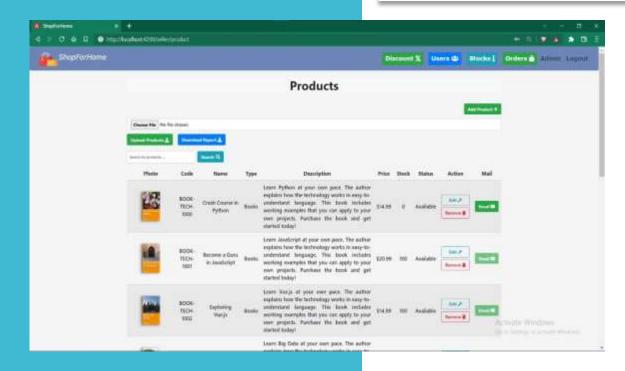


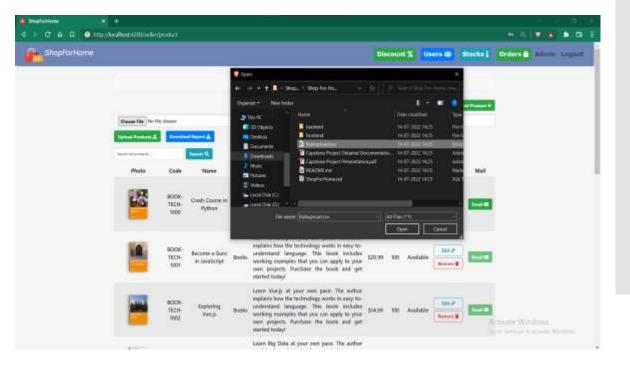




ADMIN (Bulk Upload)



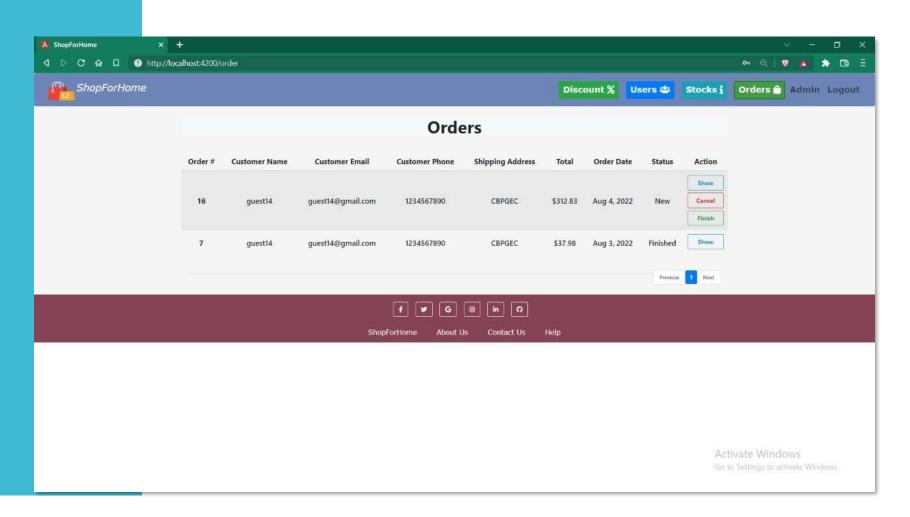








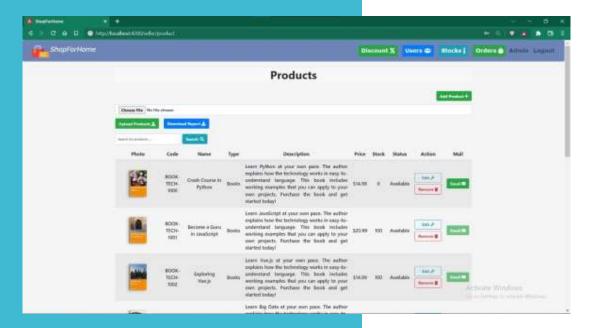
ORDER HISTORY

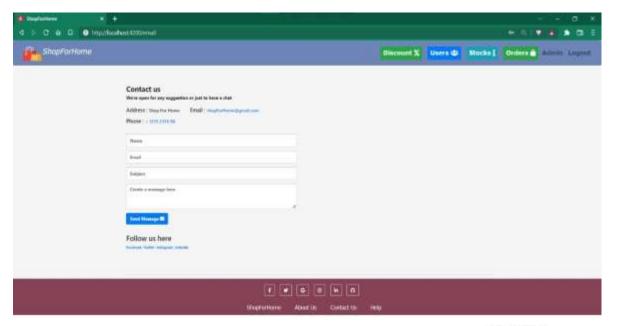






Email (When stocks are empty)









SPRING ENTITIES

Entity: The entities are the persistence objects stores as a record in the database.





DATABASE SCHEMA

product_category

category_id: int4 category_name: ... category_type: in... create_time: time... update_time: tim...

product_info

product_id: varch...
category_type: in...
create_time: time...
product_descripti...
product_icon: var...
product_name: v...
product_price: n...
product_status: i...
product_stock: int4
update_time: tim...

cart

🔑 user_id: int8

users

id: int8 active: bool address: varchar(... email: varchar(25... name: varchar(25... password: varcha... phone: varchar(2... role: varchar(255)

product_in_order

id: int8

category_type: int4

count: int4

product_description...

product_icon: varch...

product_id: varchar(...

product_name: varc...

product_price: num...

product_stock: int4

cart_user_id: int8

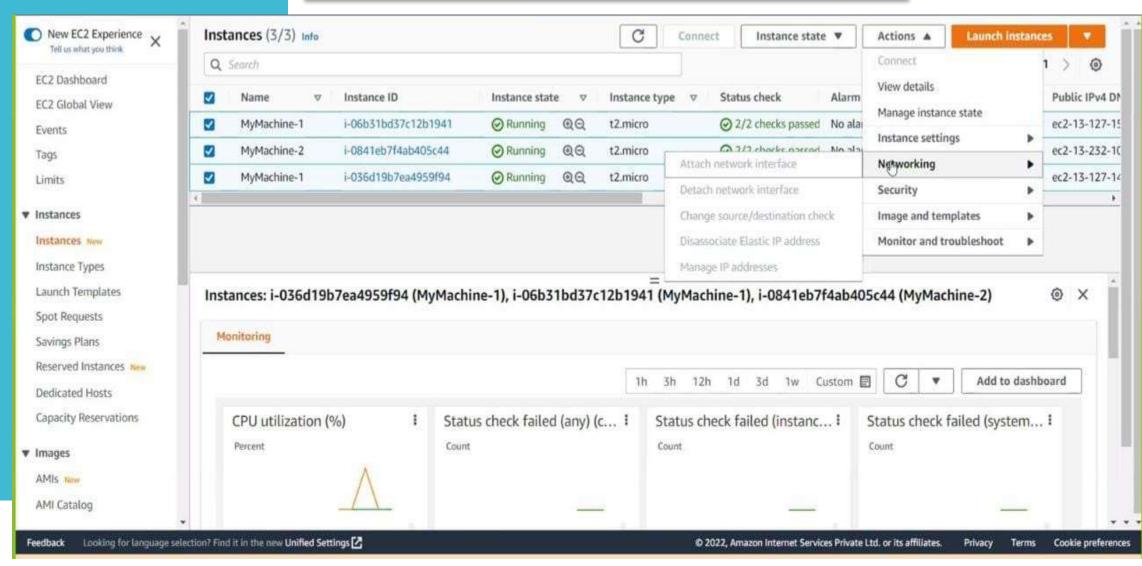
order_id: int8

order_main

order_id: int8 buyer_address: v... buyer_email: varc... buyer_name: var... buyer_phone: var... create_time: time... order_amount: n... order_status: int4 update_time: tim...



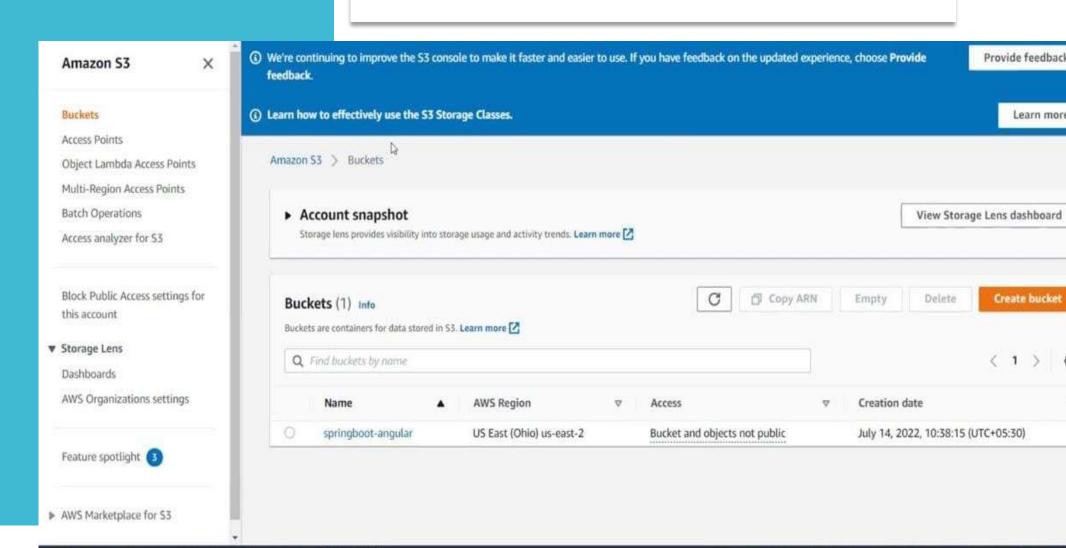






Connect t Toot@ip-172-31-43-1		- o ×	
Connect to you Microsoft Windows [V (c) Microsoft Corpor	ersion 10.0.22000.739] ation. All rights reserved.	1	
C:\Users\Rel>cd down	loads		
The authenticity of ECDSA key fingerprin Are you sure you wan	ds>ssh -i "new-key.pem" ec2-user@ec2-13-232-104-129.ap-southost 'ec2-13-232-104-129.ap-south-1.compute.amazonaws.com t is SHA256:A6SJ5SGQqX8Za/4CayzlARXhE08+jcMHGjnulkoz8jg. t to continue connecting (yes/no/[fingerprint])? yes added 'ec2-13-232-104-129.ap-south-1.compute.amazonaws.com	(13.232.104.129)' can't be established.	
1. Open an S 2. Locate you 1. Open an S 2. Locate you 1. (Amazon Linux 2 AMI		
Example: amzn2-core No packages marked f	43-139 ~]\$ ec2-user mand not found 43-139 ~]\$ sudo su 39 ec2-user]# yum update -y as_suggestions, langpacks, priorities, update-motd or update	3.7 kB 00:00:00	
ssh -i "ne[root@ip-172-31-43-1 2022-07-14 05:08:15 (root@ip-172-31-43-1 the AN	springboot-angular		





Provide feedback

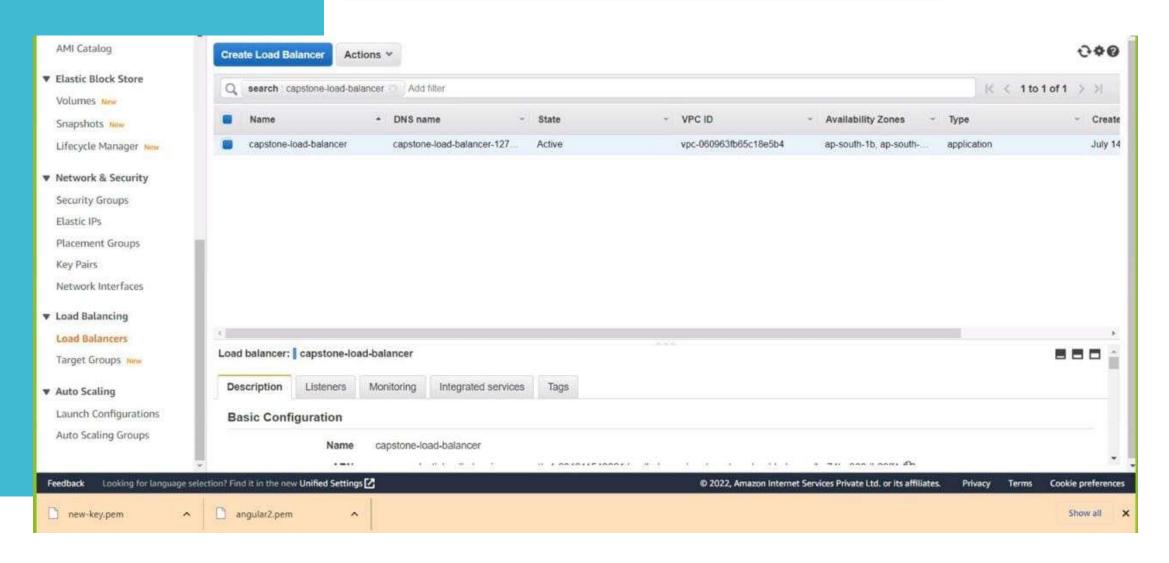
Learn more

Create bucket

0

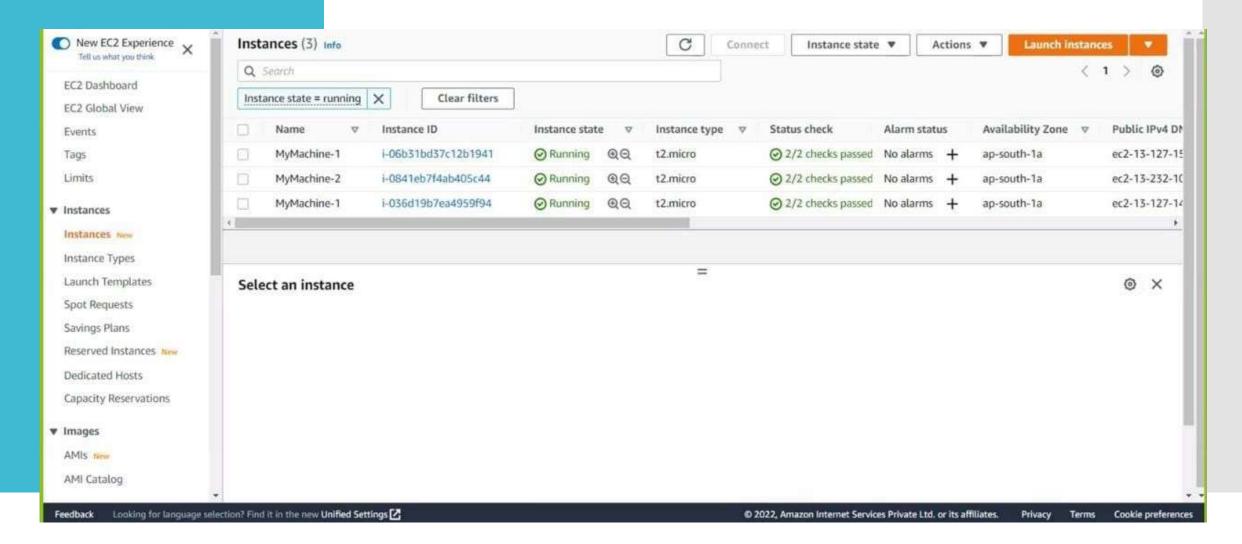
 ∇







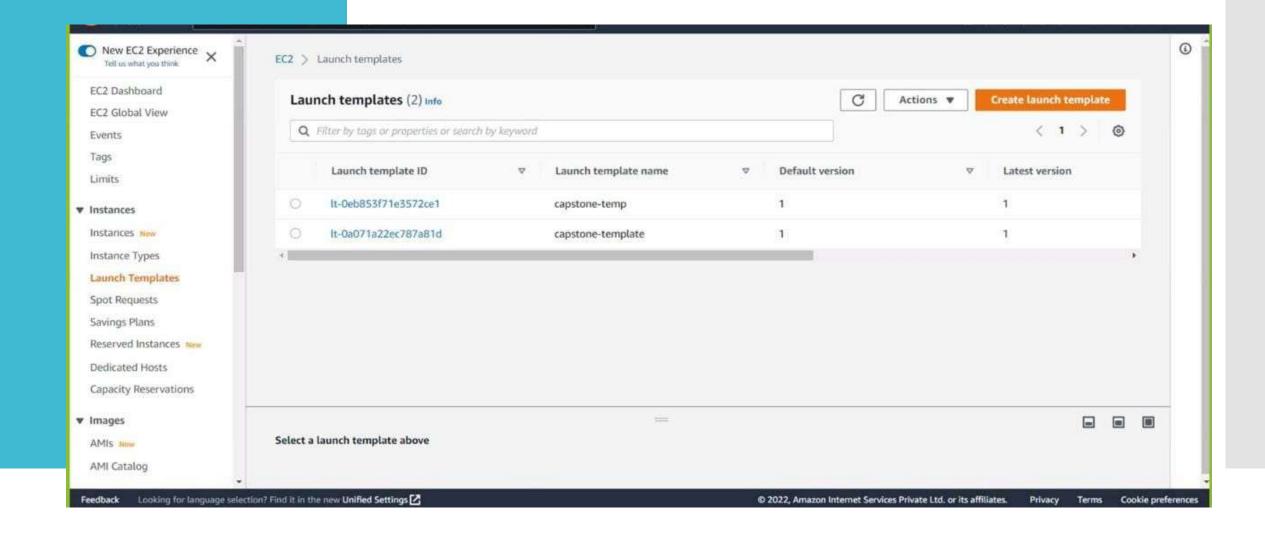
INSTANCES ON AWS



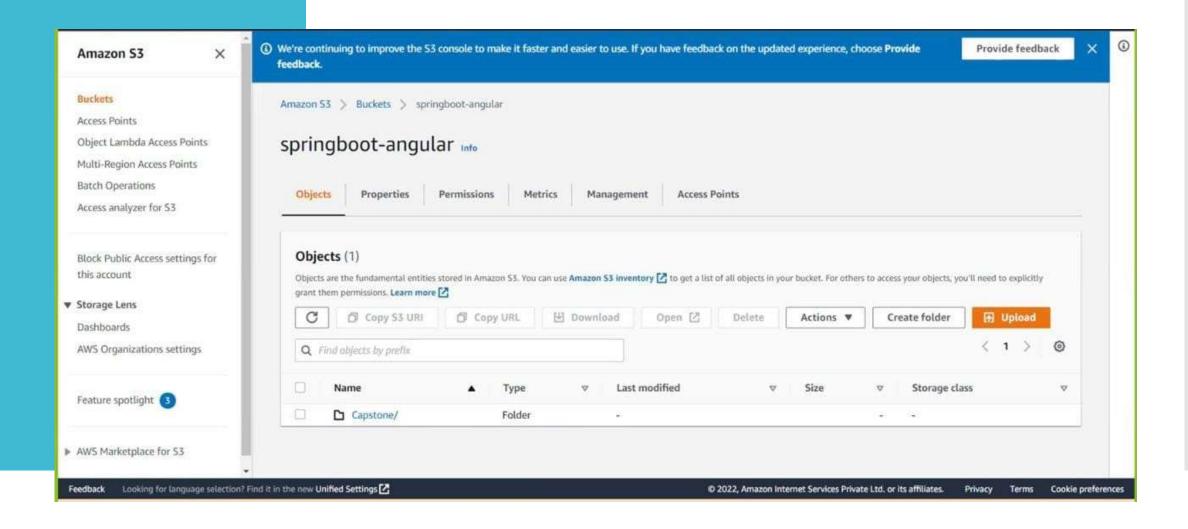


TEMPLATES

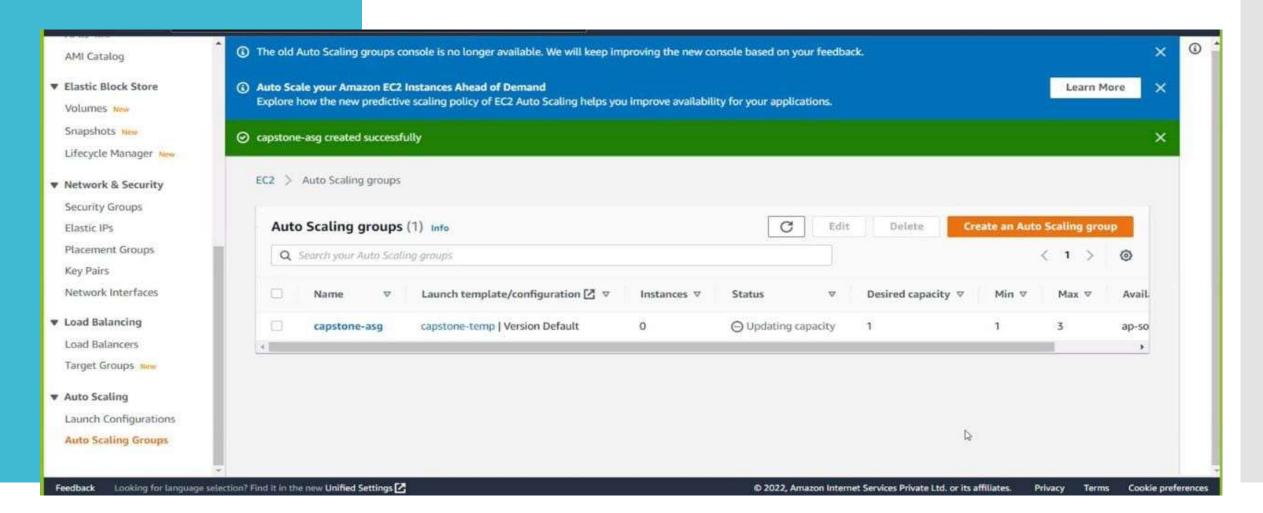
















Git Repository

https://github.com/Sahastracookcoder1/Capstone-Project-ShopForHome-C3-G1





THANK YOU