

CAPSTONE PROJECT

SHOP FOR HOME

GROUP 1
(Batch C3)

GROUP MEMBERS

1. SAHAstra KISHORE
2. BHARATHI S
3. SAMBASIVARAO TIRUMALA
4. SAILAKSHMI
5. DIVYANSH AGARWAL

CONTENT

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

INTRODUCTION

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

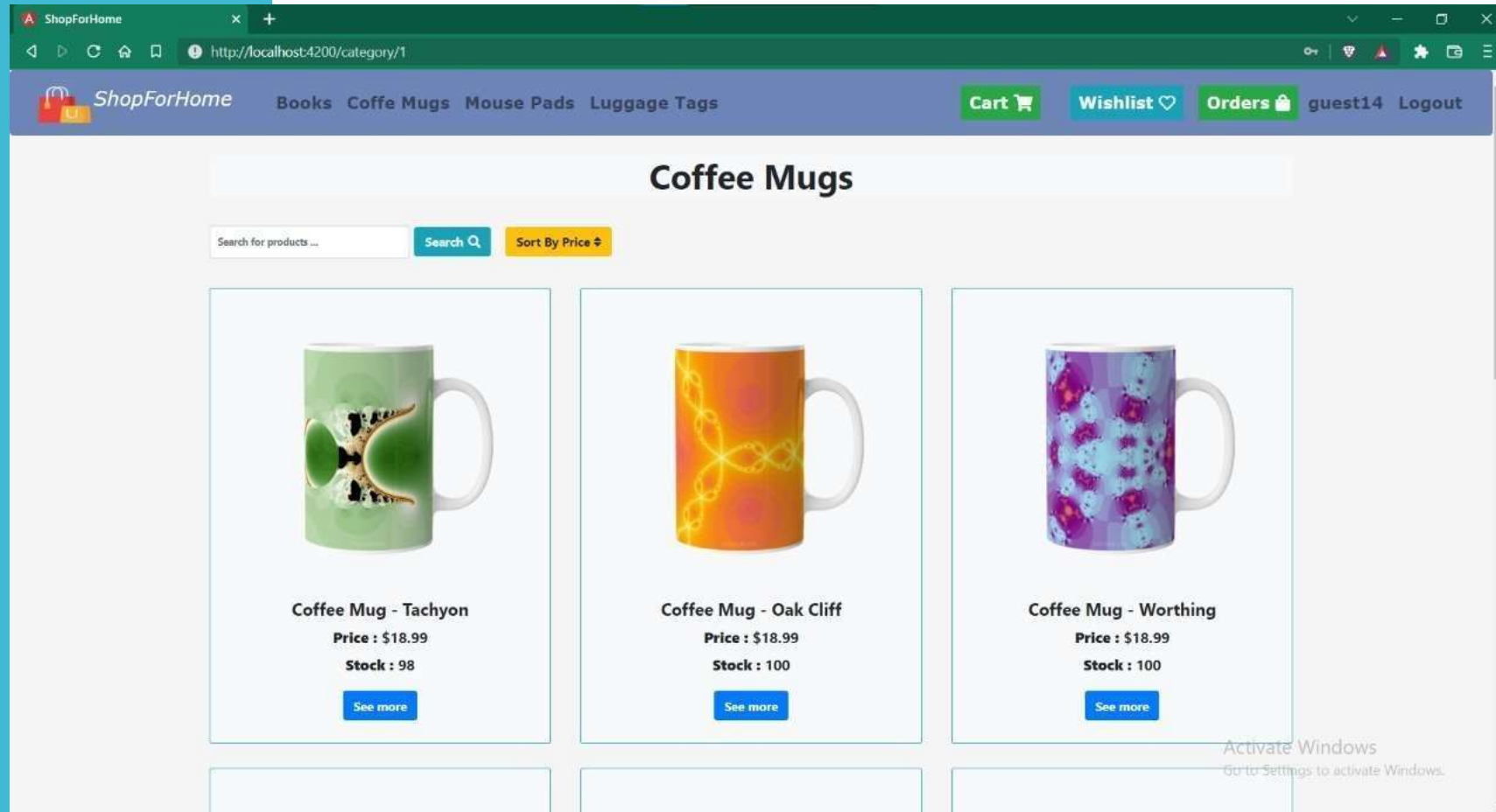
Frontend

- Angular 7
- Angular CLI
- Bootstrap

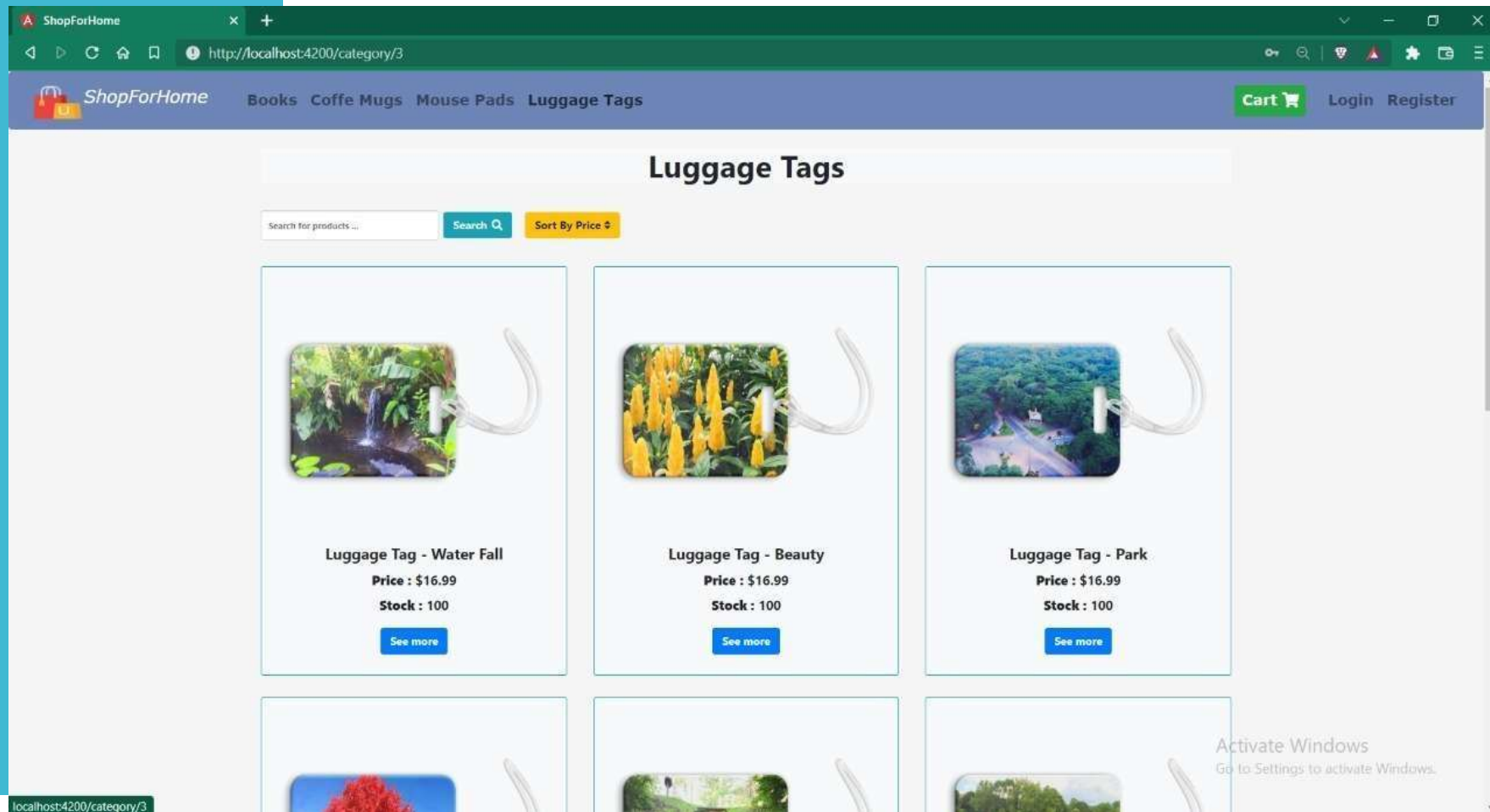
USER

- 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

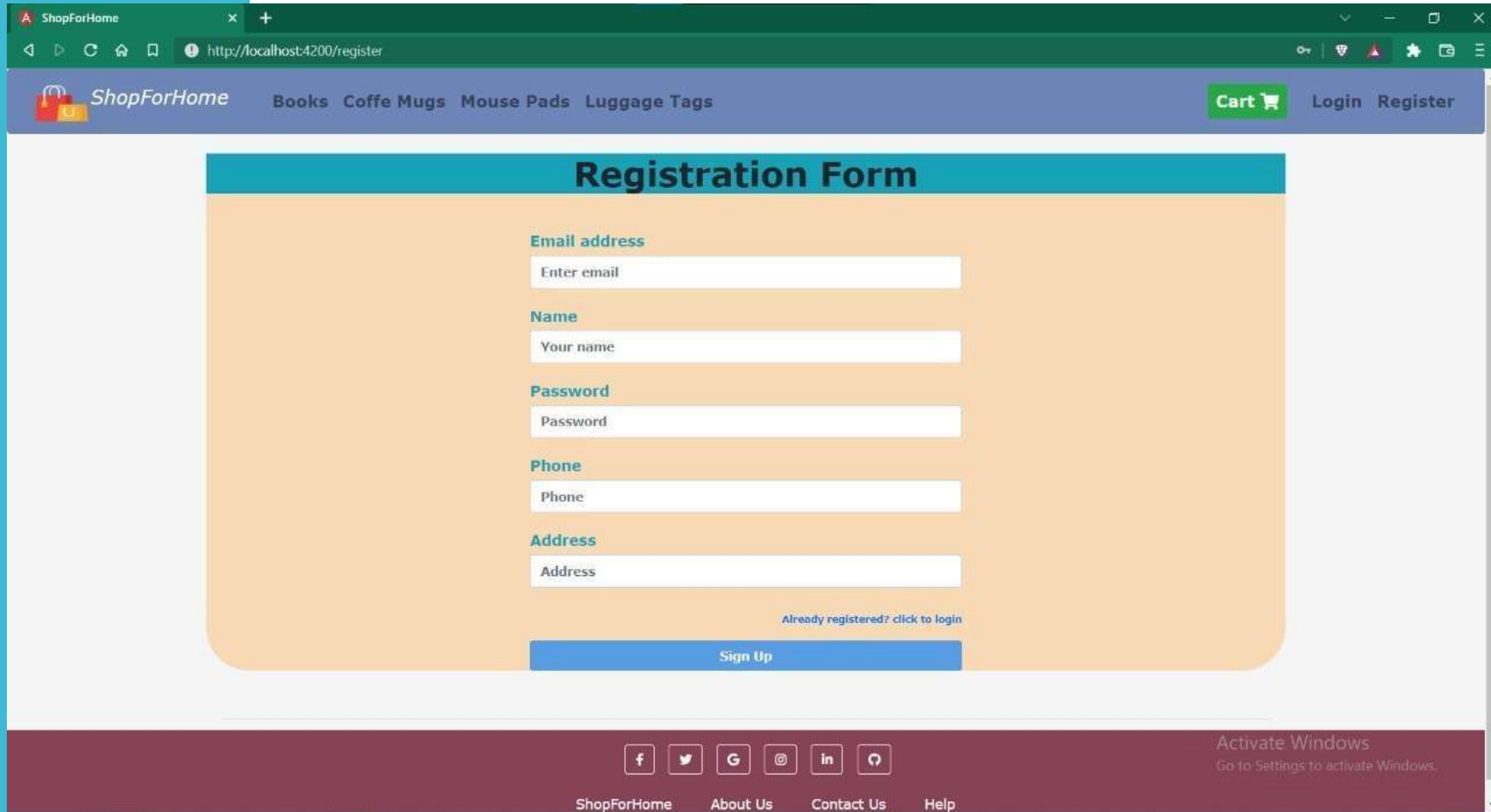
HOME PAGE (USER)



CATEGORIES (USER)



CUSTOMER REGISTRATION

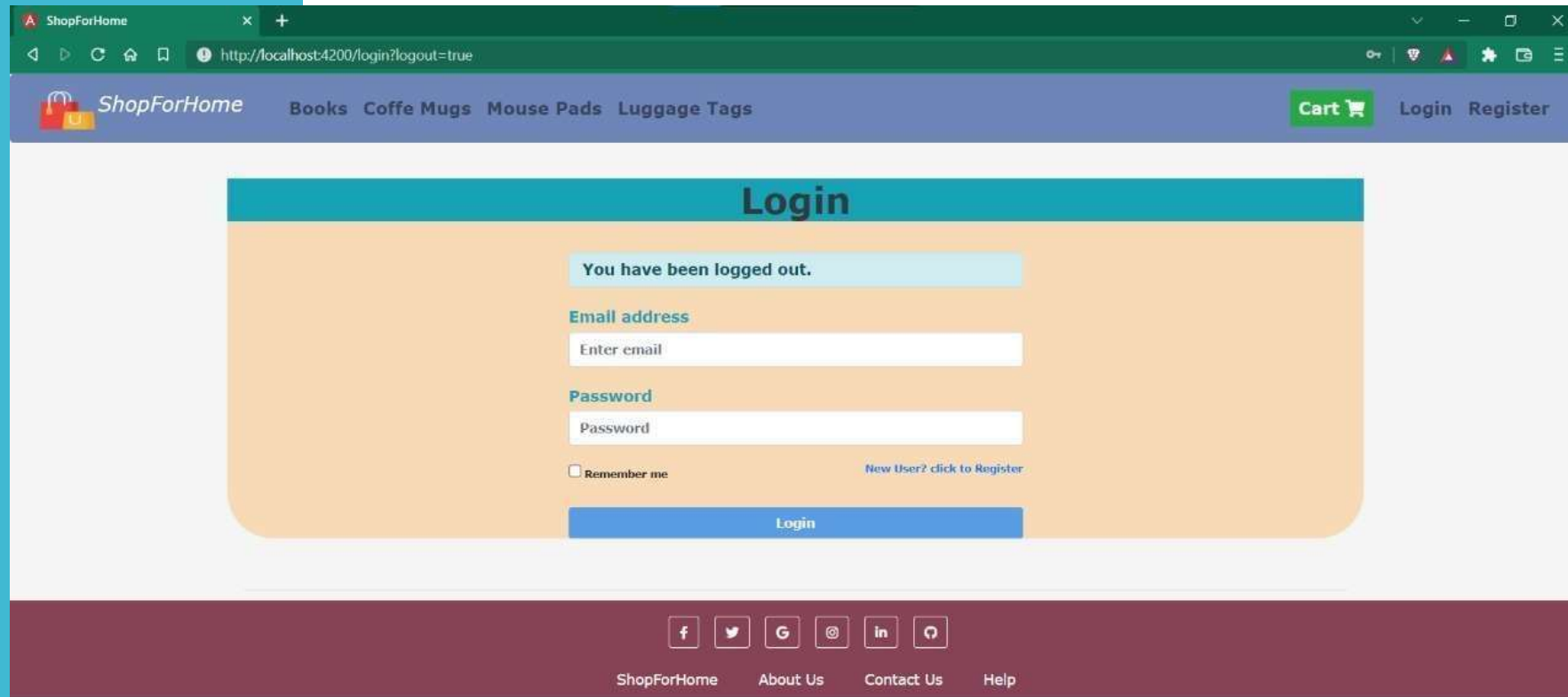


The screenshot shows a web browser window with the address bar displaying `http://localhost:4200/register`. The page features a navigation bar with the ShopForHome logo, product categories (Books, Coffe Mugs, Mouse Pads, Luggage Tags), a Cart icon, and links for Login and Register. The main content area is titled "Registration Form" and contains a light orange box with the following fields:

- Email address**: Input field with placeholder text "Enter email".
- Name**: Input field with placeholder text "Your name".
- Password**: Input field with placeholder text "Password".
- Phone**: Input field with placeholder text "Phone".
- Address**: Input field with placeholder text "Address".

Below the address field, there is a link: "Already registered? click to login". At the bottom of the form box is a blue "Sign Up" button. The footer of the page includes social media icons (Facebook, Twitter, Google+, Instagram, LinkedIn, YouTube) and links for ShopForHome, About Us, Contact Us, and Help. A Windows watermark is visible in the bottom right corner.

User Login



The screenshot shows a web browser window with the address bar displaying `http://localhost:4200/login?logout=true`. The page header includes the "ShopForHome" logo, navigation links for "Books", "Coffe Mugs", "Mouse Pads", and "Luggage Tags", and buttons for "Cart", "Login", and "Register". The main content area features a "Login" form with a teal header. A light blue message box states "You have been logged out." Below this, the "Email address" section has a text input field with the placeholder "Enter email". The "Password" section has a text input field with the placeholder "Password". There is a "Remember me" checkbox and a link "New User? click to Register". A blue "Login" button is at the bottom of the form. The footer contains social media icons for Facebook, Twitter, Google+, Instagram, LinkedIn, and YouTube, along with links for "ShopForHome", "About Us", "Contact Us", and "Help".

ShopForHome

Books Coffe Mugs Mouse Pads Luggage Tags

Cart Login Register

Login

You have been logged out.

Email address

Enter email

Password

Password

☐ Remember me [New User? click to Register](#)

Login

f t G @ in y

ShopForHome About Us Contact Us Help





ADD TO CART

ShopForHome

Books Coffe Mugs Mouse Pads Luggage Tags

Cart Wishlist Orders guest14 Logout

My Cart

Photo	Name	Price	Quantity	Subtotal	Action
	Luggage Tag - Cherish	\$16.99	<input type="text" value="8"/>	\$135.92	Remove
	Coffee Mug - Oak Cliff	\$18.99	<input type="text" value="6"/>	\$113.94	Remove
	Mouse Pad - Cherokee	\$17.99	<input type="text" value="2"/>	\$35.98	Remove
	Introduction to C#	\$26.99	<input type="text" value="1"/>	\$26.99	Remove

Select Coupon

Total: \$250.26

Activate Windows
Go to Settings to activate Windows.

Checkout

USER PROFILE

ShopForHome

Books Coffe Mugs Mouse Pads Luggage Tags

Cart Wishlist Orders guest14 Logout

Edit Profile

Email address

guest14@gmail.com

Name

guest14

Password

Password

Phone

1234567890

Address

C8PGEC

Update

ShopForHome About Us Contact Us Help

Activate Windows
Go to Settings to activate Windows.





WISHLIST

ShopForHome

Books Coffe Mugs Mouse Pads Luggage Tags

Cart Wishlist Orders guest14 Logout

My WishList

Photo	Name	Price	Stock	Action
	Coffee Mug - Tachyon	\$18.99	98	Remove
	Mouse Pad - Sweeper	\$17.99	100	Remove
	Luggage Tag - Cherish	\$16.99	100	Remove
	Crash Course in Python	\$14.99	0	Remove

Activate Windows
Go to Settings to activate Windows.

f t G i in

USER ORDER HISTORY

ShopForHome

Books Coffe Mugs Mouse Pads Luggage Tags

Cart Wishlist Orders guest14 Logout

Orders

Order #	Customer Name	Customer Email	Customer Phone	Shipping Address	Total	Order Date	Status	Action
16	guest14	guest14@gmail.com	1234567890	CBPGEC	\$312.83	Aug 4, 2022	New	Show Cancel
7	guest14	guest14@gmail.com	1234567890	CBPGEC	\$37.98	Aug 3, 2022	Finished	Show

Previous 1 Next

[f](#) [t](#) [G](#) [i](#) [in](#) [Q](#)

ShopForHome About Us Contact Us Help

DISCOUNT COUPON



The screenshot displays a web application interface for managing discount coupons. The browser address bar shows the URL `http://localhost:4200/discount`. The application header features the 'ShopForHome' logo and navigation links: Discount %, Users, Stocks, Orders, Admin, and Logout. The main content area is titled 'Discount Coupons' and contains a search bar with the placeholder 'Search for Coupons ...' and a 'Search' button. Below the search bar, a dropdown menu shows 'New10' and 'NEW10'. A table with the following structure is visible:

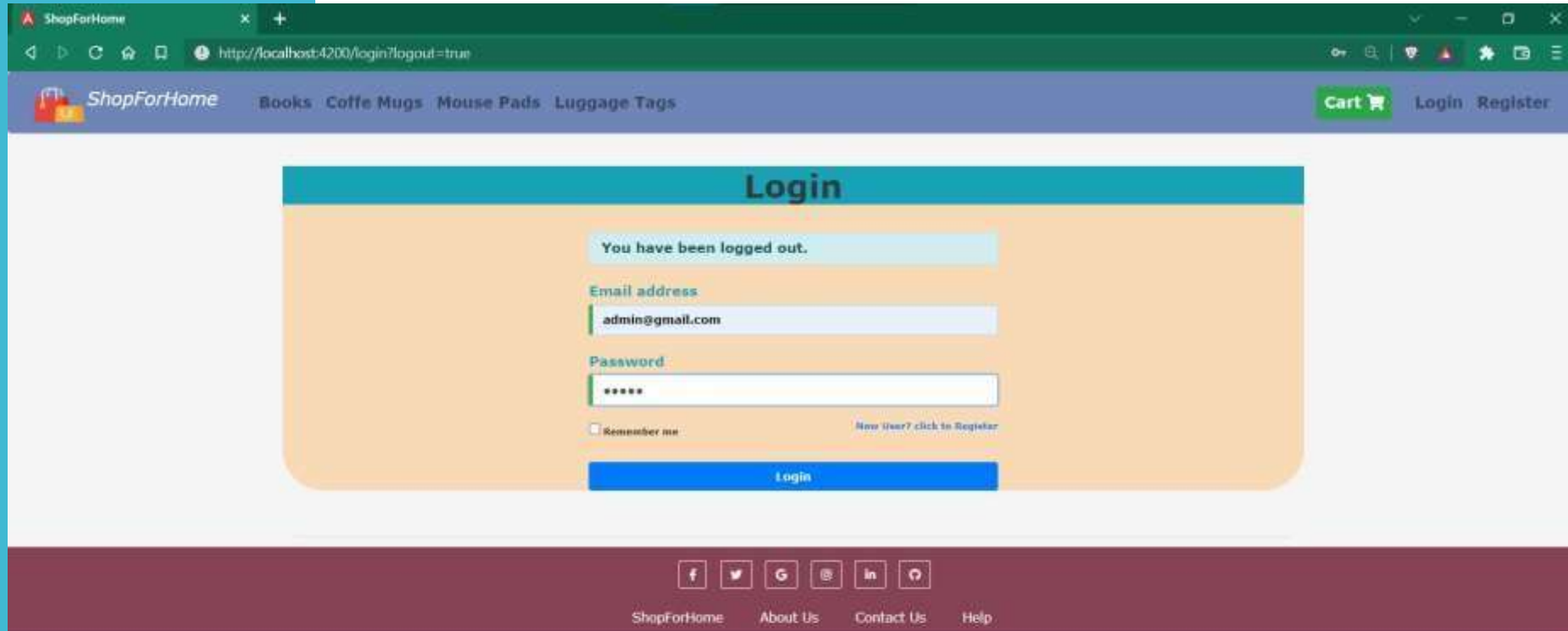
Couponcode	Action
NEW10	

At the bottom of the table, there are 'Previous', '1', and 'Next' pagination controls. The footer includes social media icons for Facebook, Twitter, Google+, Instagram, LinkedIn, and YouTube, along with links to ShopForHome, About Us, Contact Us, and Help.

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



The screenshot shows a web browser window with the address bar displaying `http://localhost:4200/login?logout=true`. The page header includes the "ShopForHome" logo, navigation links for "Books", "Coffe Mugs", "Mouse Pads", and "Luggage Tags", a "Cart" icon, and "Login" and "Register" links. The main content area features a "Login" form with a teal header. A message states "You have been logged out." The form includes fields for "Email address" (containing "admin@gmail.com") and "Password" (masked with "*****"). There is a "Remember me" checkbox and a link "New User? click to Register". A blue "Login" button is at the bottom of the form. The footer contains social media icons and links for "ShopForHome", "About Us", "Contact Us", and "Help".

ShopForHome

Books Coffe Mugs Mouse Pads Luggage Tags

Cart Login Register

Login

You have been logged out.

Email address
admin@gmail.com

Password

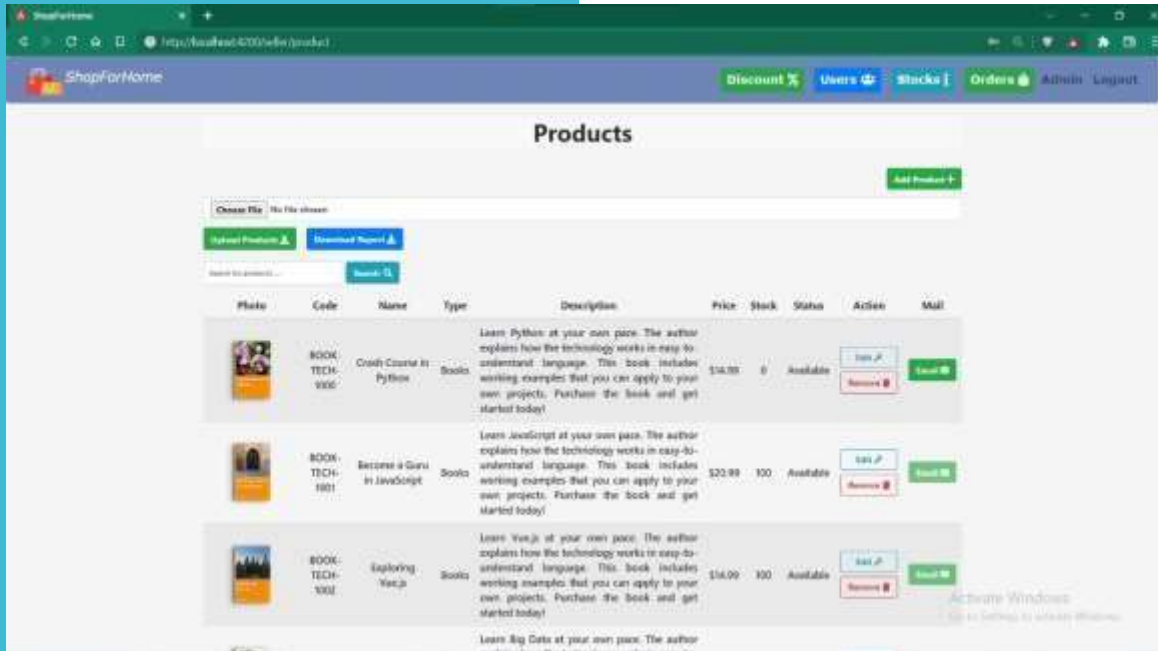
☐ Remember me [New User? click to Register](#)

Login




f t G @ in

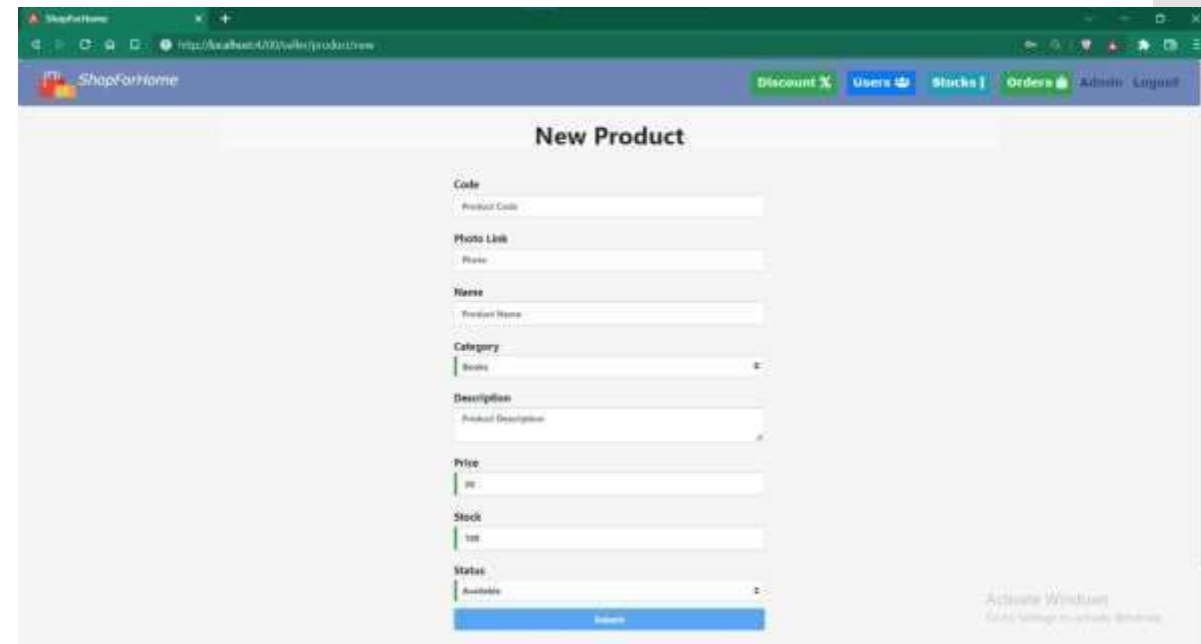
ShopForHome About Us Contact Us Help

ADD PRODUCTS (Admin)



The screenshot shows the 'Products' management page in the ShopForHome admin interface. At the top, there's a navigation bar with links for Discount, Users, Stocks, Orders, Admin, and Logout. Below the navigation bar, the 'Products' title is centered. To the right of the title is a green 'Add Product' button. Below the title, there's a search bar with a 'Search' button. Below the search bar, there's a table listing products. The table has columns for Photo, Code, Name, Type, Description, Price, Stock, Status, Action, and Mail. There are three products listed: 'BOOK-TECH-1001', 'BOOK-TECH-1002', and 'BOOK-TECH-1003'. Each product row has a 'View P' button and a 'Remove' button. At the bottom right, there's a watermark that says 'Activate Windows'.

Photo	Code	Name	Type	Description	Price	Stock	Status	Action	Mail
	BOOK-TECH-1001	Crash Course in Python	Books	Learn Python at your own pace. The author explains how the technology works in easy-to-understand language. This book includes working examples that you can apply to your own projects. Purchase the book and get started today!	\$16.99	0	Available	View P Remove	Email
	BOOK-TECH-1002	Become a Guru in JavaScript	Books	Learn JavaScript at your own pace. The author explains how the technology works in easy-to-understand language. This book includes working examples that you can apply to your own projects. Purchase the book and get started today!	\$20.99	100	Available	View P Remove	Email
	BOOK-TECH-1003	Exploring Vue.js	Books	Learn Vue.js at your own pace. The author explains how the technology works in easy-to-understand language. This book includes working examples that you can apply to your own projects. Purchase the book and get started today!	\$16.99	100	Available	View P Remove	Email



The screenshot shows the 'New Product' form in the ShopForHome admin interface. At the top, there's a navigation bar with links for Discount, Users, Stocks, Orders, Admin, and Logout. Below the navigation bar, the 'New Product' title is centered. Below the title, there's a form with the following fields: Code (Product Code), Photo Link (Photo), Name (Product Name), Category (Books), Description (Product Description), Price, Stock, and Status (Available). At the bottom right, there's a watermark that says 'Activate Windows'.

New Product

Code
Product Code

Photo Link
Photo

Name
Product Name

Category
Books

Description
Product Description

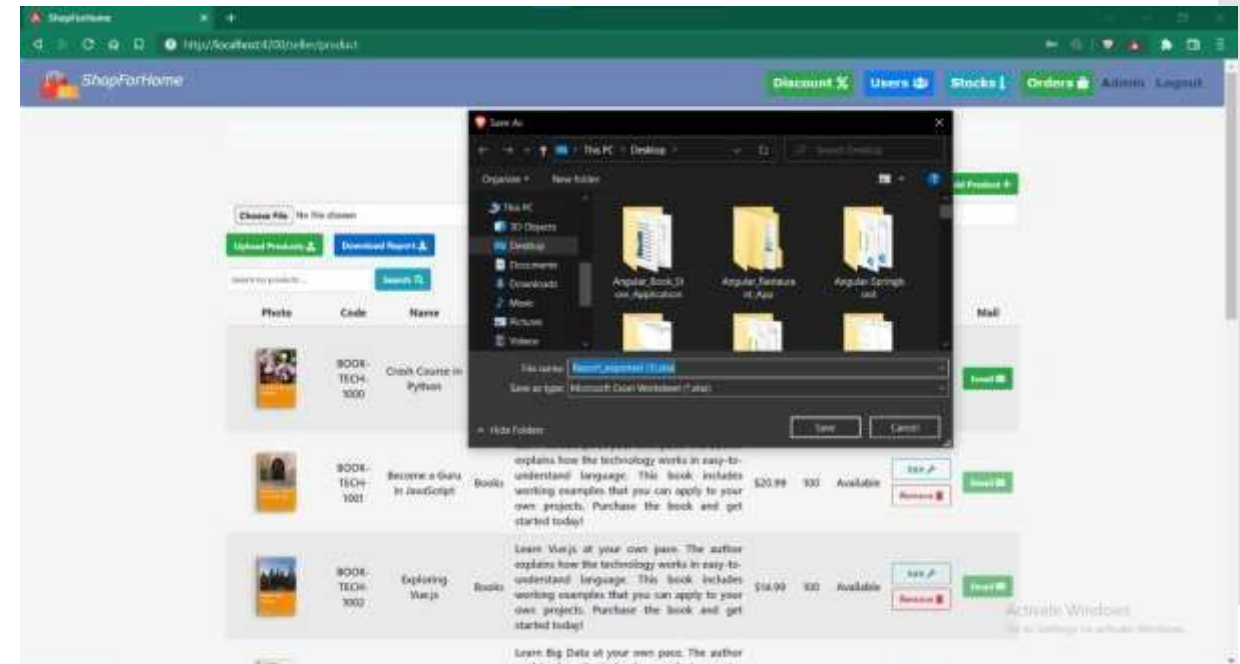
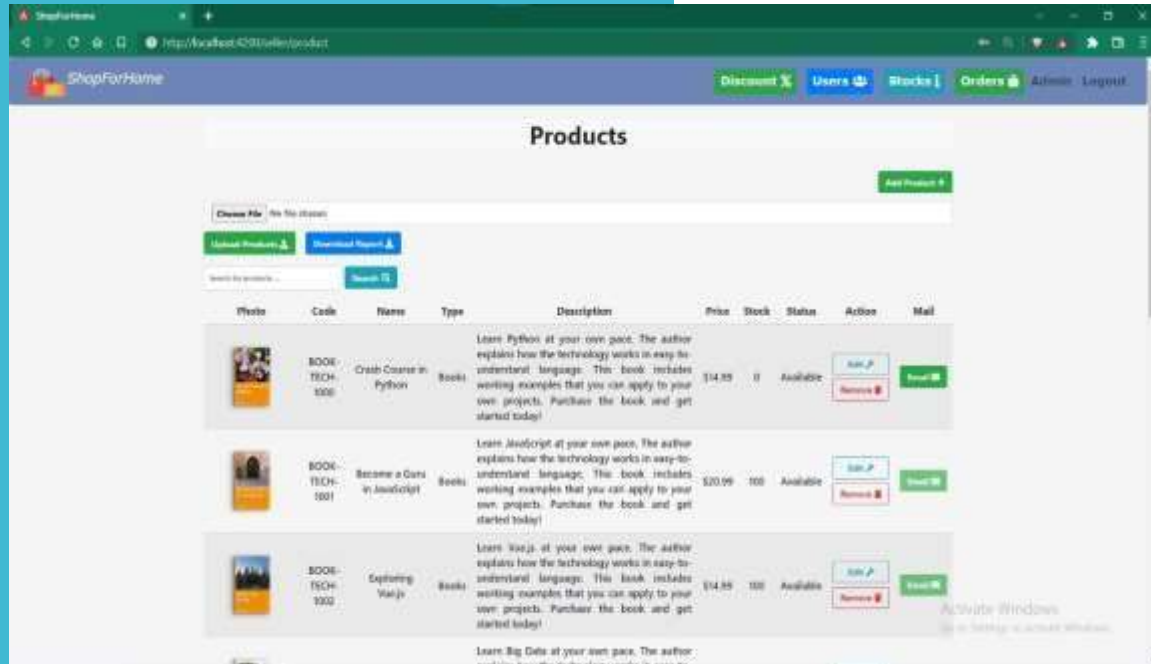
Price
10

Stock
100

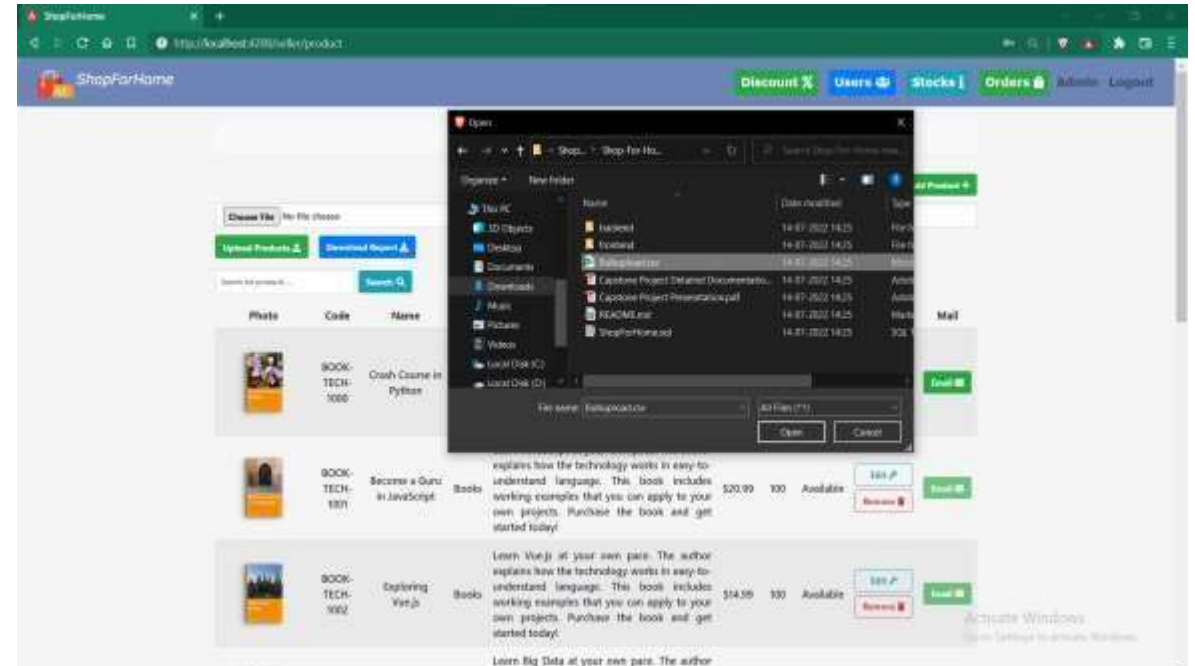
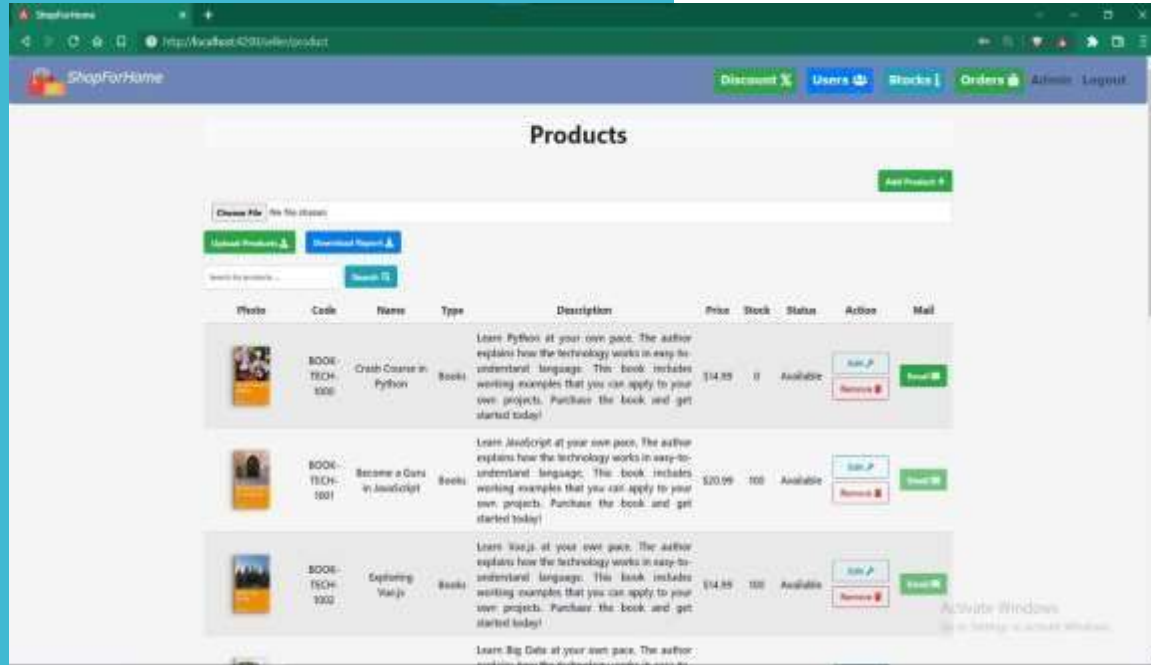
Status
Available

[Submit](#)

ADMIN (Stock and Sales Report)



ADMIN (Bulk Upload)



ORDER HISTORY

ShopForHome

http://localhost:4200/order

Discount %Users Stocks Orders Admin Logout

Orders

Order #	Customer Name	Customer Email	Customer Phone	Shipping Address	Total	Order Date	Status	Action
16	guest14	guest14@gmail.com	1234567890	CBPGEC	\$312.83	Aug 4, 2022	New	<div>ShowCancelFinish</div>
7	guest14	guest14@gmail.com	1234567890	CBPGEC	\$37.98	Aug 3, 2022	Finished	<div>Show</div>

Previous1Next

f

tw

G

i

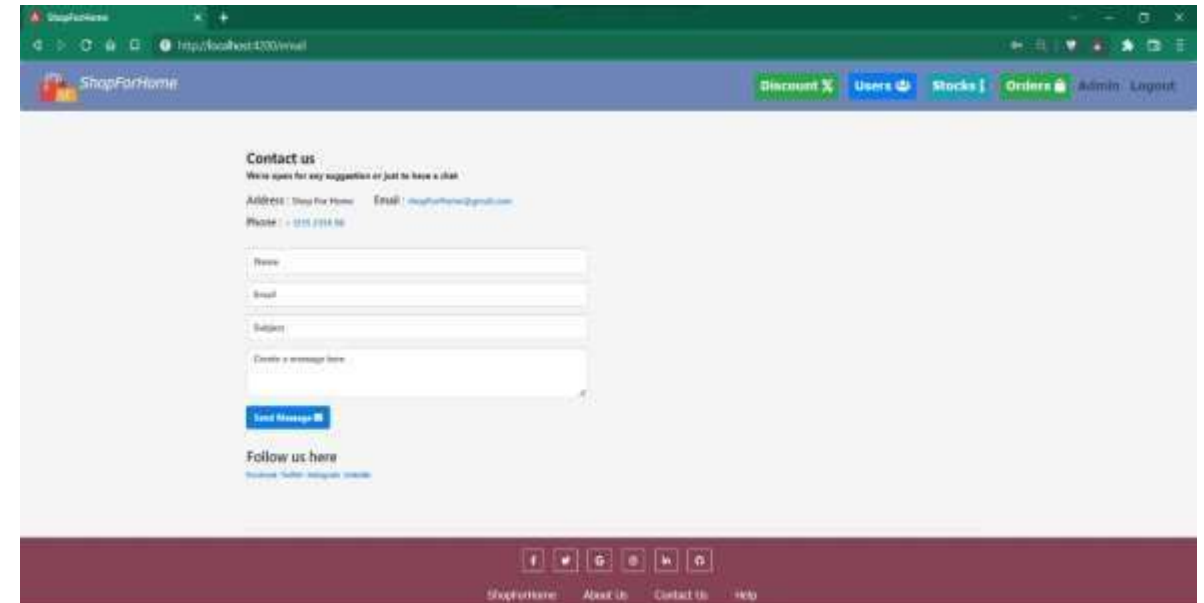
in

q

ShopForHomeAbout UsContact UsHelp

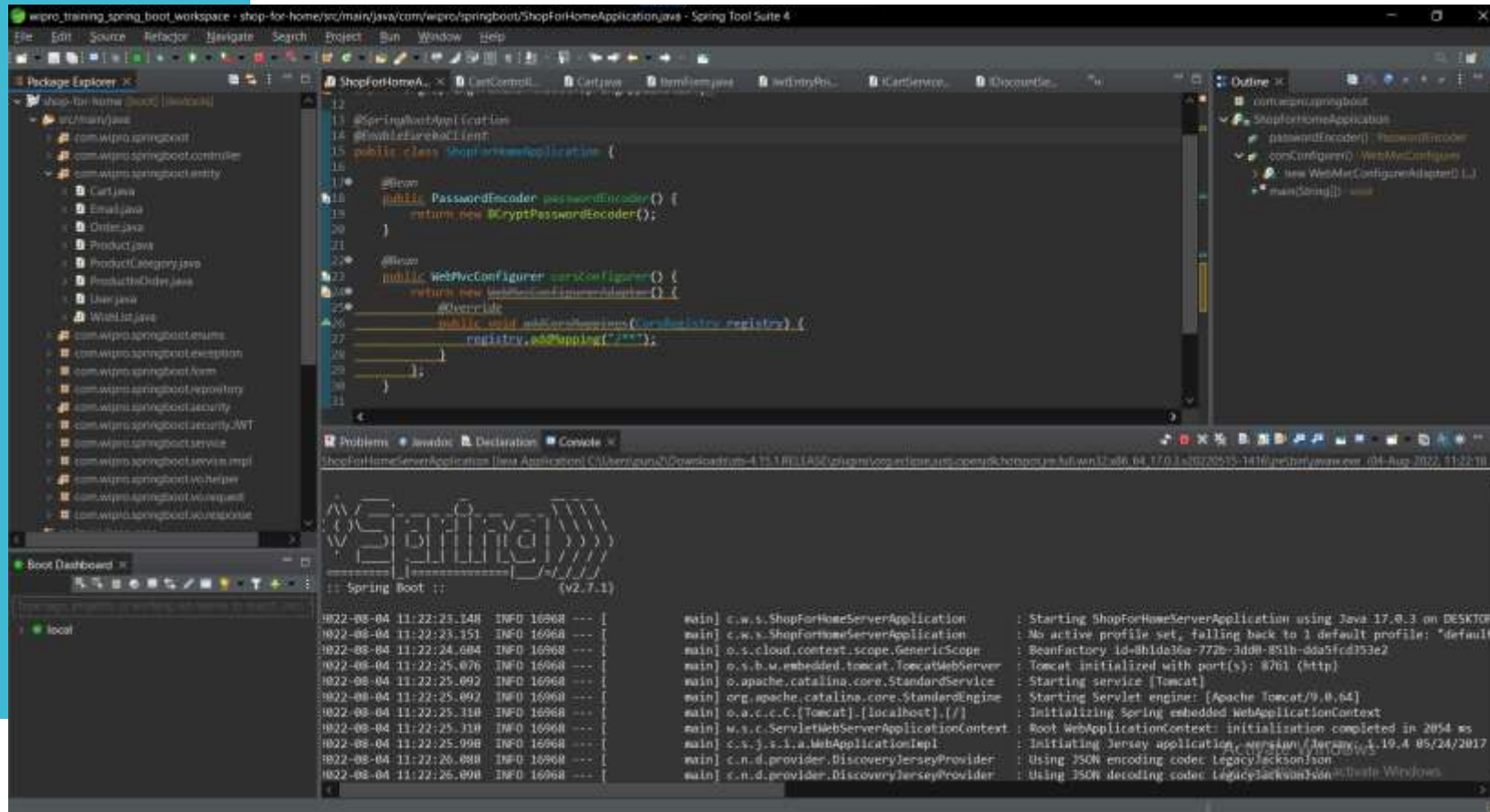
Activate Windows
Go to Settings to activate Windows.

Email (When stocks are empty)



SPRING BOOT ENTITIES

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



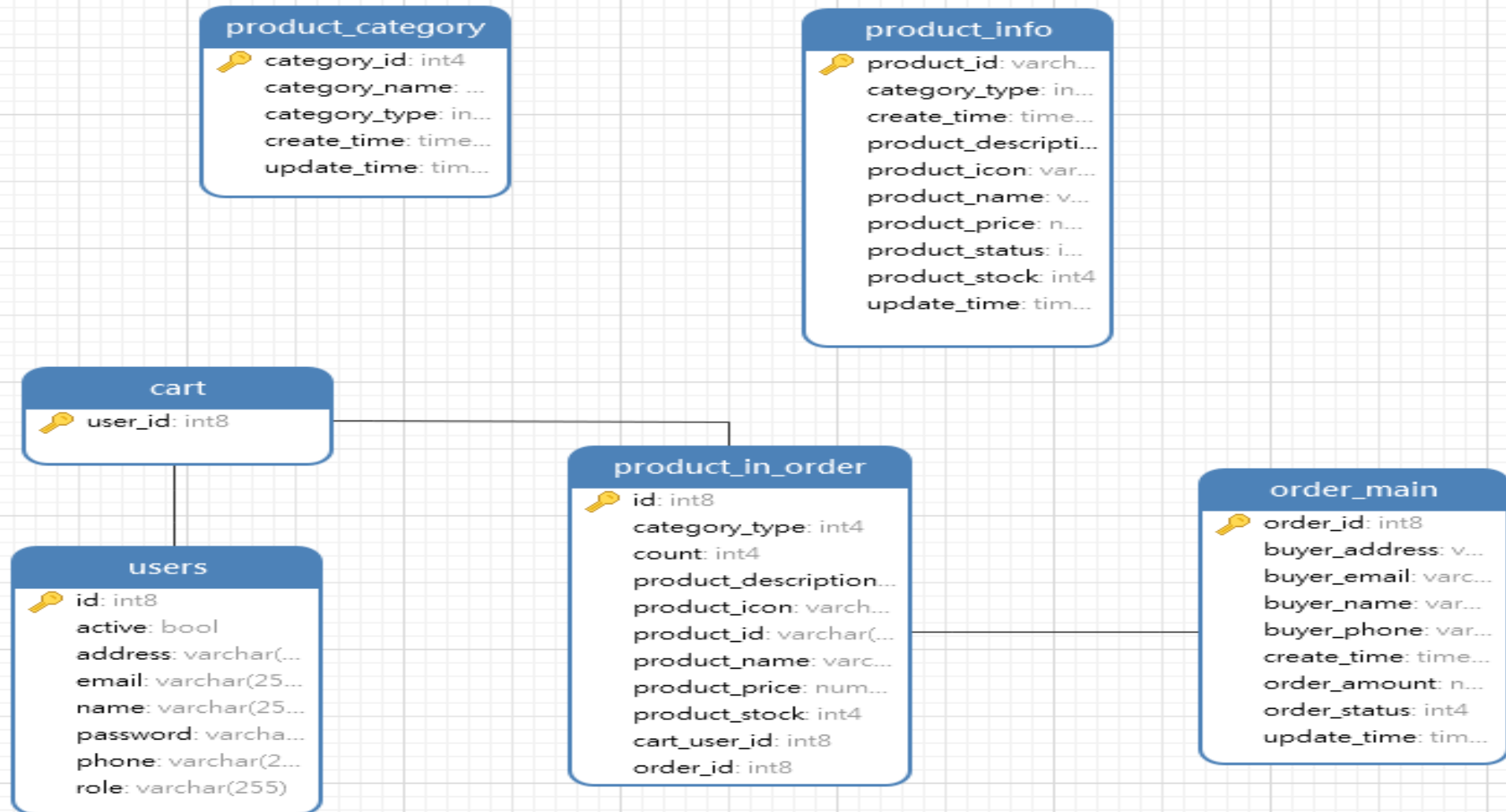
The screenshot displays an IDE window for a Spring Boot application. The left sidebar shows the Package Explorer with a project structure including packages like `com.wipro.springboot` and `com.wipro.springboot.entity`. The main editor shows the `ShopForHomeApplication` class with annotations like `@SpringBootApplication` and `@EnableWebSecurity`. The bottom console window shows the application startup logs, including the message "Starting ShopForHomeServerApplication using Java 17.0.3 on DESKTOP" and "Initializing Spring embedded WebApplicationContext".

```
12
13 @SpringBootApplication
14 @EnableWebSecurity
15 public class ShopForHomeApplication {
16
17     @Bean
18     public PasswordEncoder passwordEncoder() {
19         return new BCryptPasswordEncoder();
20     }
21
22     @Bean
23     public WebMvcConfigurer corsConfigurer() {
24         return new WebMvcConfigurerAdapter();
25     }
26     @Override
27     public void addCorsMappings(CorsRegistry registry) {
28         registry.addMapping("/**");
29     }
30
31 }
```

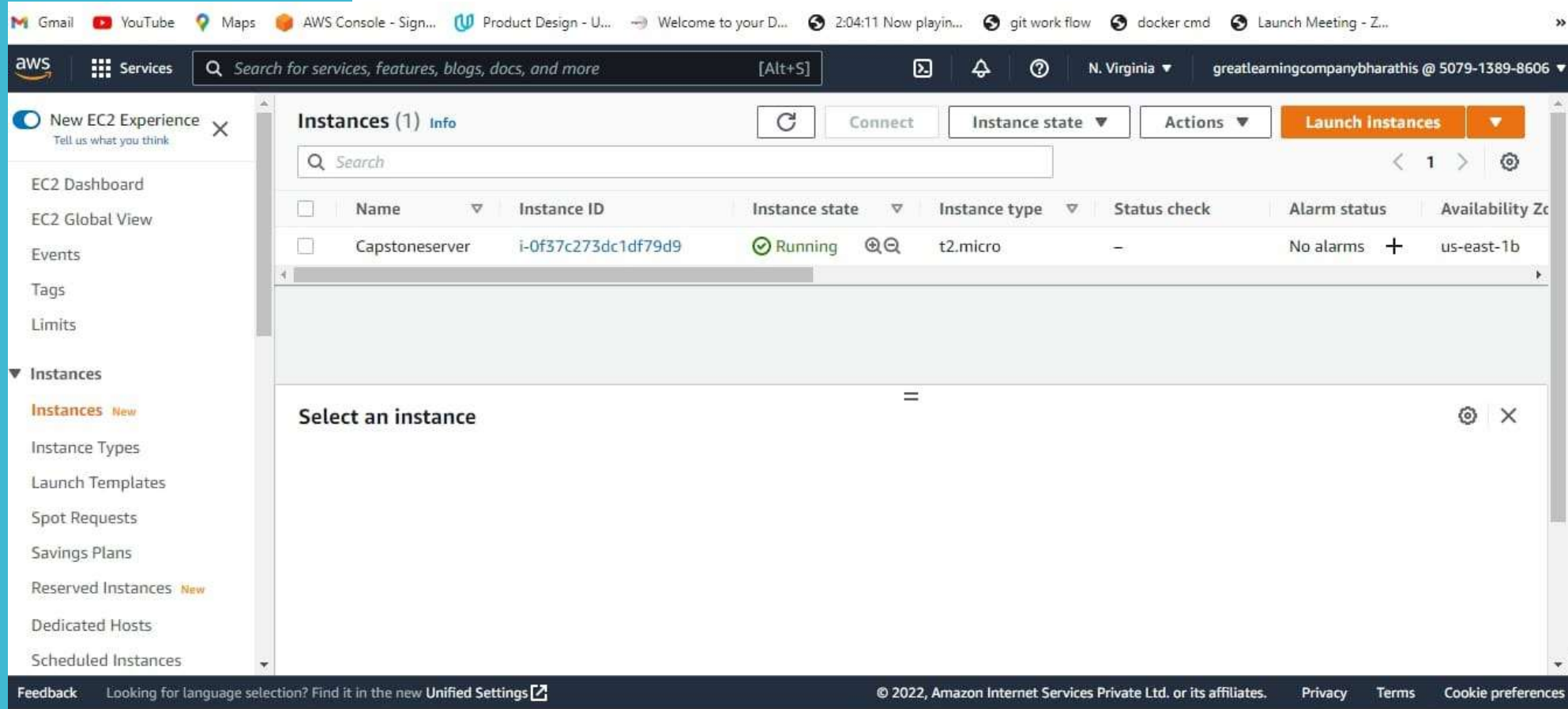
Spring Boot (v2.7.1)

```
1822-08-04 11:22:23.148 INFO 16968 --- [main] c.w.s.ShopForHomeServerApplication : Starting ShopForHomeServerApplication using Java 17.0.3 on DESKTOP
1822-08-04 11:22:23.151 INFO 16968 --- [main] c.w.s.ShopForHomeServerApplication : No active profile set, falling back to 1 default profile: "default"
1822-08-04 11:22:24.684 INFO 16968 --- [main] o.s.c.cloud.context.scope.GenericScope : BeanFactory id-Bh1da36a-772b-3dd8-851b-dda5fcd353e2
1822-08-04 11:22:25.076 INFO 16968 --- [main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat initialized with port(s): 8061 (http)
1822-08-04 11:22:25.092 INFO 16968 --- [main] o.apache.catalina.core.StandardService : Starting service [Tomcat]
1822-08-04 11:22:25.092 INFO 16968 --- [main] org.apache.catalina.core.StandardEngine : Starting Servlet engine: [Apache Tomcat/9.0.64]
1822-08-04 11:22:25.318 INFO 16968 --- [main] o.s.c.c.c.C.[Tomcat].[localhost].[/] : Initializing Spring embedded WebApplicationContext
1822-08-04 11:22:25.318 INFO 16968 --- [main] w.s.c.ServletWebServerApplicationContext : Root WebApplicationContext: initialization completed in 2054 ms
1822-08-04 11:22:25.998 INFO 16968 --- [main] c.s.j.s.i.a.WebApplicationImpl : Initiating Jersey application, version [Jersey: 1.19.4 05/24/2017]
1822-08-04 11:22:26.088 INFO 16968 --- [main] c.n.d.provider.DiscoveryJerseyProvider : Using JSON encoding coder: legacy/jackson
1822-08-04 11:22:26.098 INFO 16968 --- [main] c.n.d.provider.DiscoveryJerseyProvider : Using JSON decoding coder: legacy/jackson
```

DATABASE SCHEMA



AWS CLOUD DEPLOYMENT



The screenshot shows the AWS Management Console interface. The top navigation bar includes the AWS logo, a search bar, and the user's account information (greatlearningcompanybharathis @ 5079-1389-8606). The left sidebar displays the navigation menu, with the 'Instances' section expanded. The main content area shows the 'Instances (1)' page, which includes a table of instances. The table has columns for Name, Instance ID, Instance state, Instance type, Status check, Alarm status, and Availability Zone. A single instance is listed: 'Capstoneserver' with ID 'i-0f37c273dc1df79d9', in a 'Running' state, of type 't2.micro', with no status checks, no alarms, and in the 'us-east-1b' availability zone. Below the table, there is a 'Select an instance' section.

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone
Capstoneserver	i-0f37c273dc1df79d9	Running	t2.micro	-	No alarms	us-east-1b

```
Microsoft Windows [Version 10.0.19043.1826]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Hp\Downloads>ssh -i "capkey.pem" ec2-user@ec2-54-160-249-41.compute-1.amazonaws.com
The authenticity of host 'ec2-54-160-249-41.compute-1.amazonaws.com (54.160.249.41)' can't be established.
ECDSA key fingerprint is SHA256:UgDAw81nP0iOYSTDjHbhu7CPDIL+lScZZUhtgS+zLPc.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added 'ec2-54-160-249-41.compute-1.amazonaws.com,54.160.249.41' (ECDSA) to the list of known hosts.

 _ | _ | _ |
 _ | ( _ | _ | /
 _ | \ _ | _ |

Amazon Linux 2 AMI

https://aws.amazon.com/amazon-linux-2/
[ec2-user@ip-172-31-20-243 ~]$ sudo su
[root@ip-172-31-20-243 ec2-user]# yum update
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
No packages marked for update
[root@ip-172-31-20-243 ec2-user]# yum update -y
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
No packages marked for update
[root@ip-172-31-20-243 ec2-user]#
```

Amazon S3

Buckets

Access Points

Object Lambda Access Points

Multi-Region Access Points

Batch Operations

Access analyzer for S3

Block Public Access settings for this account

Storage Lens

Dashboards

AWS Organizations settings

Feature spotlight 3

AWS Marketplace for S3

We're continuing to improve the S3 console to make it faster and easier to use. If you have feedback on the updated experience, choose [Provide feedback](#).

Learn how to effectively use the S3 Storage Classes.

Amazon S3 > Buckets

Account snapshot

Storage lens provides visibility into storage usage and activity trends. [Learn more](#)

[View Storage Lens dashboard](#)

Buckets (1) Info

Copy ARN

Empty

Delete

Create bucket

Find buckets by name

< 1 > ⚙

Name	AWS Region	Access	Creation date
<div><div></div>springboot-angular</div>	US East (Ohio) us-east-2	Bucket and objects not public	July 14, 2022, 10:38:15 (UTC+05:30)

Feedback





Looking for language selection? Find it in the new [Unified Settings](#)

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[Privacy](#)

[Terms](#)

[Cookie preferences](#)

 Services [Alt+S]    Global ▼ greatlearningcompanybharathis @ 5079-1389-8606 ▼

Amazon S3 > Buckets > my-buckett-c3

my-buckett-c3

[Info](#)

Objects

Properties

Permissions








Metrics


Management


Access Points

Objects (1)

Objects are the fundamental entities stored in Amazon S3. You can use [Amazon S3 inventory](#) to get a list of all objects in your bucket. For others to access your objects, you'll need to explicitly grant them permissions. [Learn more](#)

  Copy S3 URI  Copy URL  Download  Open  Delete Actions ▼ Create folder  Upload

< 1 > 

<input type="checkbox"/>	Name ▲	Type ▼	Last modified ▼	Size ▼	Storage class ▼
<input type="checkbox"/>	 Capstone-Project-ShopForHome-C3-G1-main.zip	zip	August 4, 2022, 18:13:08 (UTC+05:30)	45.5 MB	Standard

Feedback

Looking for language selection? Find it in the new [Unified Settings](#)

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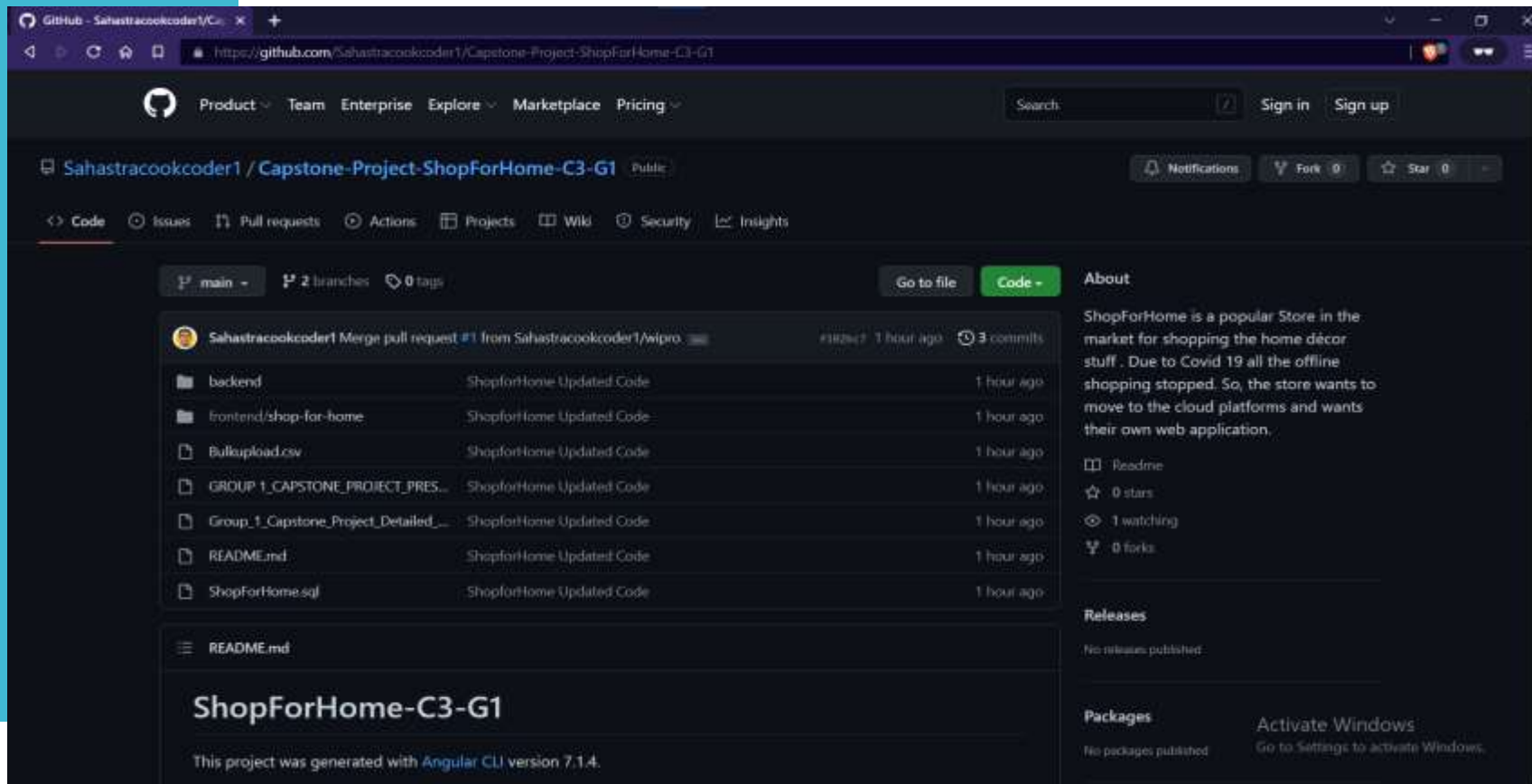
Privacy

Terms

Cookie preferences

Git Repository

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



THANK YOU