

Capstone Project



Shop for Home

Group 1

Group Members

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Problem Statement

Project Name: Shop For Home

Problem Statement: Shop For Home 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 online platforms and wants their own web application. There are 2 users on the application:

- User
- Admin

Solution

- Top of the list of advantages of ecommerce is the low financial cost, but other pros include selling internationally, retargeting customers, personalization of the buying experience, etc. These benefits of ecommerce will help you determine if starting an online store is right for you.
- E-commerce websites are very effective in allowing you to determine which products are selling successfully, to ensure the stock levels of these products are increased. Additionally how these successful products can be diversified to develop a larger range of products to sell through the website.

Languages and Tools Used

Frontend

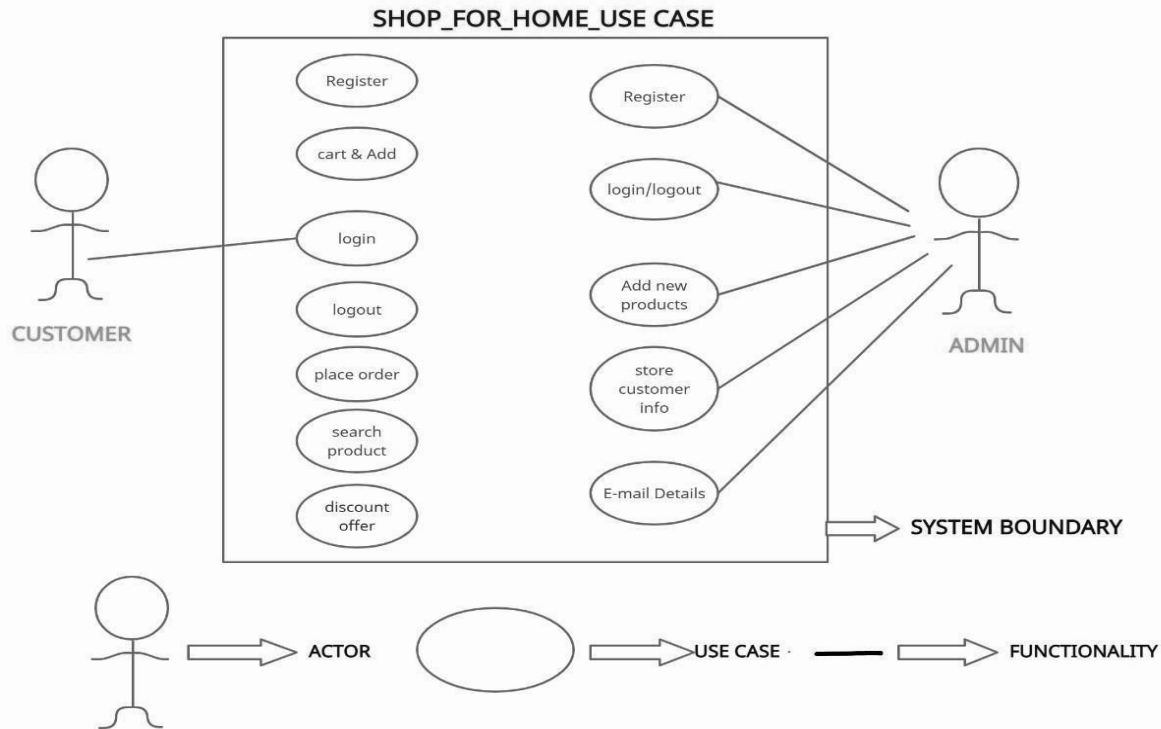
- Angular
- HTML
- CSS

Backend

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



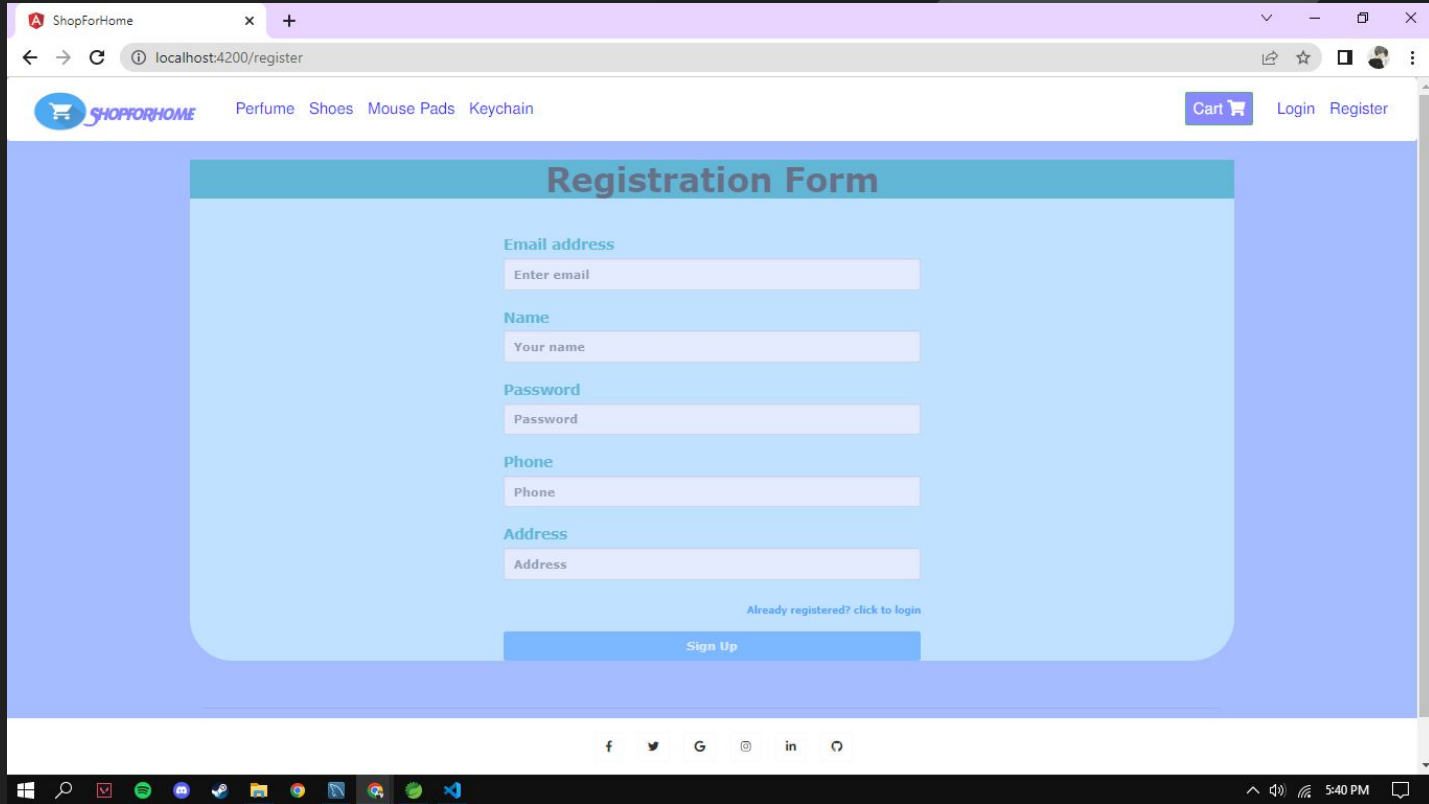
Use Case Diagram



User Functionalities

- 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.

User Registration



The screenshot shows a web browser window with the title "ShopForHome". The address bar displays "localhost:4200/register". The page features a navigation bar with the ShopForHome logo, links for "Perfume", "Shoes", "Mouse Pads", and "Keychain", a "Cart" button, and "Login" and "Register" links. The main content area is titled "Registration Form" and contains a light blue 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 input fields, there is a link that says "Already registered? click to login" and a blue "Sign Up" button. The footer of the page includes social media icons for Facebook, Twitter, Google+, Instagram, LinkedIn, and YouTube. The Windows taskbar at the bottom shows the time as 5:40 PM.

User Login

ShopForHome x +

localhost:4200/login

SHOPFORHOME Perfume Shoes Mouse Pads Keychain Cart Login Register

Login

Email address

Enter email

Password

Password

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

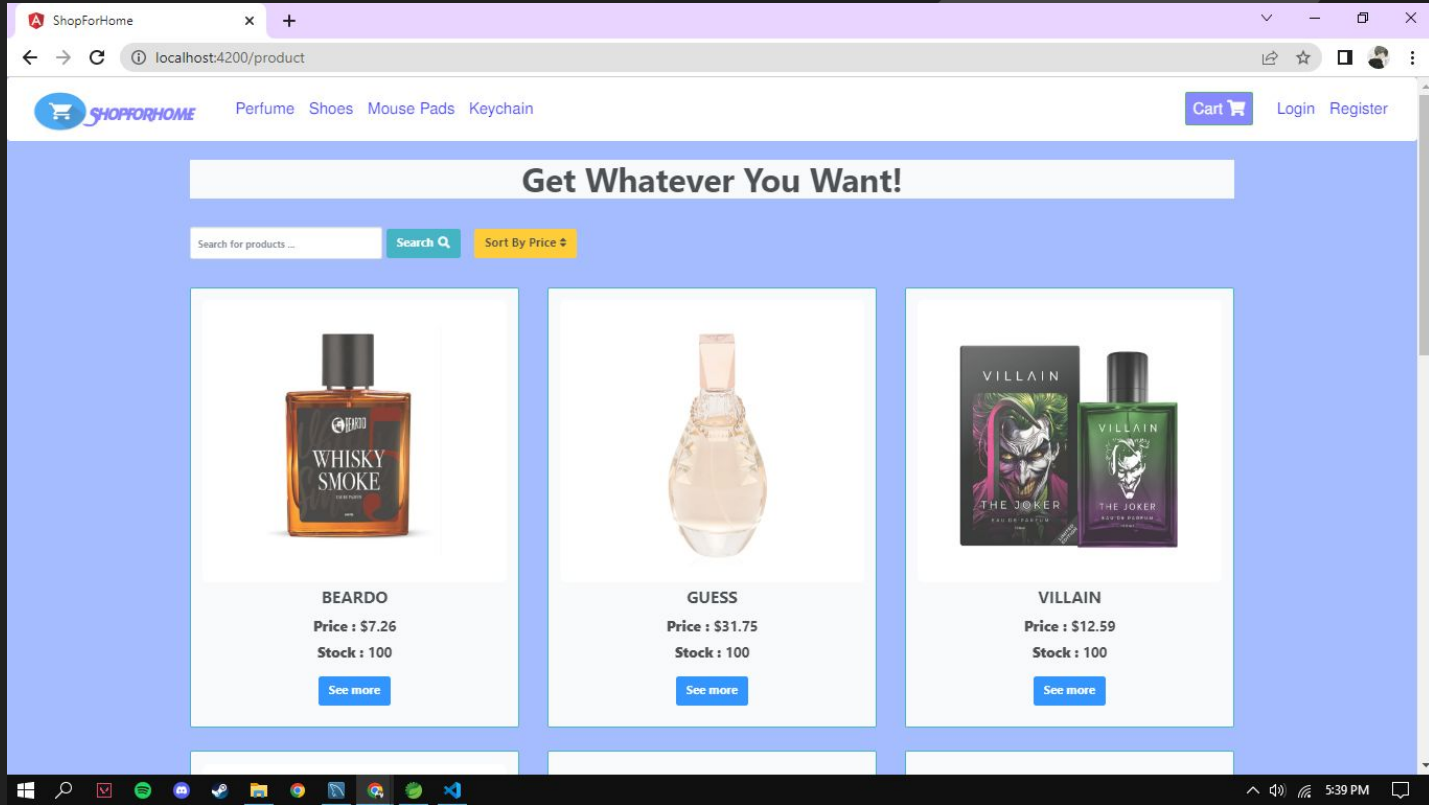
Login

f t G @ in

ShopForHome About Us Contact Us Help

5:40 PM

User Home Page



Adding To Cart





ShopForHome

localhost:4200/cart

Perfume Shoes Mouse Pads Keychain

Cart Wishlist Orders Ritik Logout

My Cart

Photo	Name	Price	Quantity	Subtotal	Action
	Mouse Pad - Pan	\$17.99	<input type="text" value="1"/>	\$17.99	Remove
	Nike Phantom GT2 Academy MG	\$100.90	<input type="text" value="1"/>	\$100.90	Remove
	VILLAIN	\$12.59	<input type="text" value="3"/>	\$37.77	Remove
	Metal Thor Hammer & Axe	\$2.02	<input type="text" value="5"/>	\$10.10	Remove

Total: \$166.76

Checkout




Adding To Wishlist

ShopForHome x +

localhost:4200/wishlist

ShopForHome Perfume Shoes Mouse Pads Keychain Cart Wishlist Orders Ritik Logout

My WishList

Photo	Name	Price	Stock	Action
	BEARDO	\$7.26	100	Remove
	Marvel Avengers Metal Keychain	\$8.82	100	Remove
	Nike Air Force 1 "07"	\$94.50	100	Remove

f t G @ in ↻

ShopForHome About Us Contact Us Help

5:45 PM

Order Details

ShopForHome

localhost:4200/order

Perfume Shoes Mouse Pads Keychain

Cart Wishlist Orders Ritik Logout

Orders

Order #	Customer Name	Customer Email	Customer Phone	Shipping Address	Total	Order Date	Status	Action
15	Ritik	rtogel56@gmail.com	1234567890	AX-76	\$100.70	Aug 8, 2022	New	Show Cancel
13	Ritik	rtogel56@gmail.com	1234567890	AX-76	\$166.76	Aug 8, 2022	Finished	Show

Previous 1 Next

f t G @ in

ShopForHome About Us Contact Us Help

5:47 PM

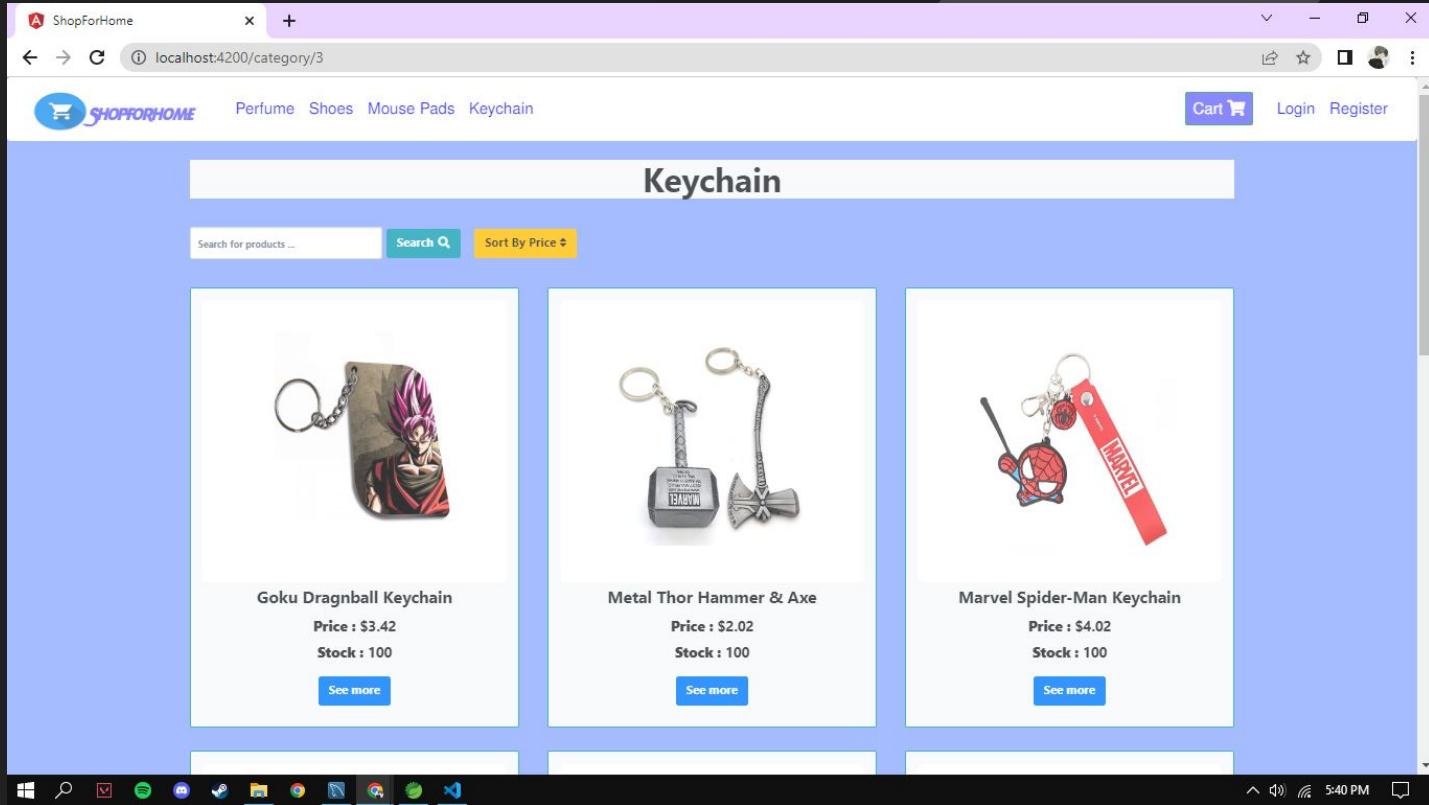
Discount Coupons

The screenshot displays a web browser window with two tabs labeled 'ShopForHome'. The address bar shows '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 text 'Search for Coupons ...' and a 'Search' button. Below the search bar is a text input field containing 'DISC50' and an 'Add Coupon' button. A table lists the coupon with the following structure:

Couponcode	Action
DISC50	Remove

At the bottom of the table, there are 'Previous', '1', and 'Next' pagination links. The footer includes social media icons for Facebook, Twitter, Google+, Instagram, LinkedIn, and YouTube, along with links for 'ShopForHome', 'About Us', 'Contact Us', and 'Help'. The Windows taskbar at the bottom shows the time as 5:49 PM.

User Categories



Admin Functionalities

- 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 user.

Admin Login

The screenshot shows a web browser window with the title "ShopForHome". The address bar displays "localhost:4200/login". The page features a navigation bar with links for "Perfume", "Shoes", "Mouse Pads", and "Keychain", along with a "Cart" icon and "Login" and "Register" buttons. The main content area has a light blue background with a central "Login" form. The form includes an "Email address" field with the text "admin@gmail.com", a "Password" field with masked characters "*****", a "Remember me" checkbox, and a "Login" button. A link "New User? click to Register" is also present. The footer contains social media icons and links for "ShopForHome", "About Us", "Contact Us", and "Help".

ShopForHome

Perfume Shoes Mouse Pads Keychain

Cart Login Register

Login

Email address

admin@gmail.com

Password

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

Login

f t G @ in

ShopForHome About Us Contact Us Help

2:06 PM

Adding New Products

The screenshot shows a web browser window with two tabs labeled 'ShopForHome'. The address bar displays 'localhost:4200/seller/product/new'. The page content is a 'New Product' form on a light blue background. The form consists of several input fields and a submit button:

- Code:** A text input field containing 'Product Code'.
- Photo Link:** A text input field containing 'Photo'.
- Name:** A text input field containing 'Product Name'.
- Category:** A dropdown menu with 'Perfume' selected.
- Description:** A text area containing 'Product Description'.
- Price:** A text input field containing '20'.
- Stock:** A text input field containing '100'.
- Status:** A dropdown menu with 'Available' selected.
- Submit:** A blue button at the bottom of the form.

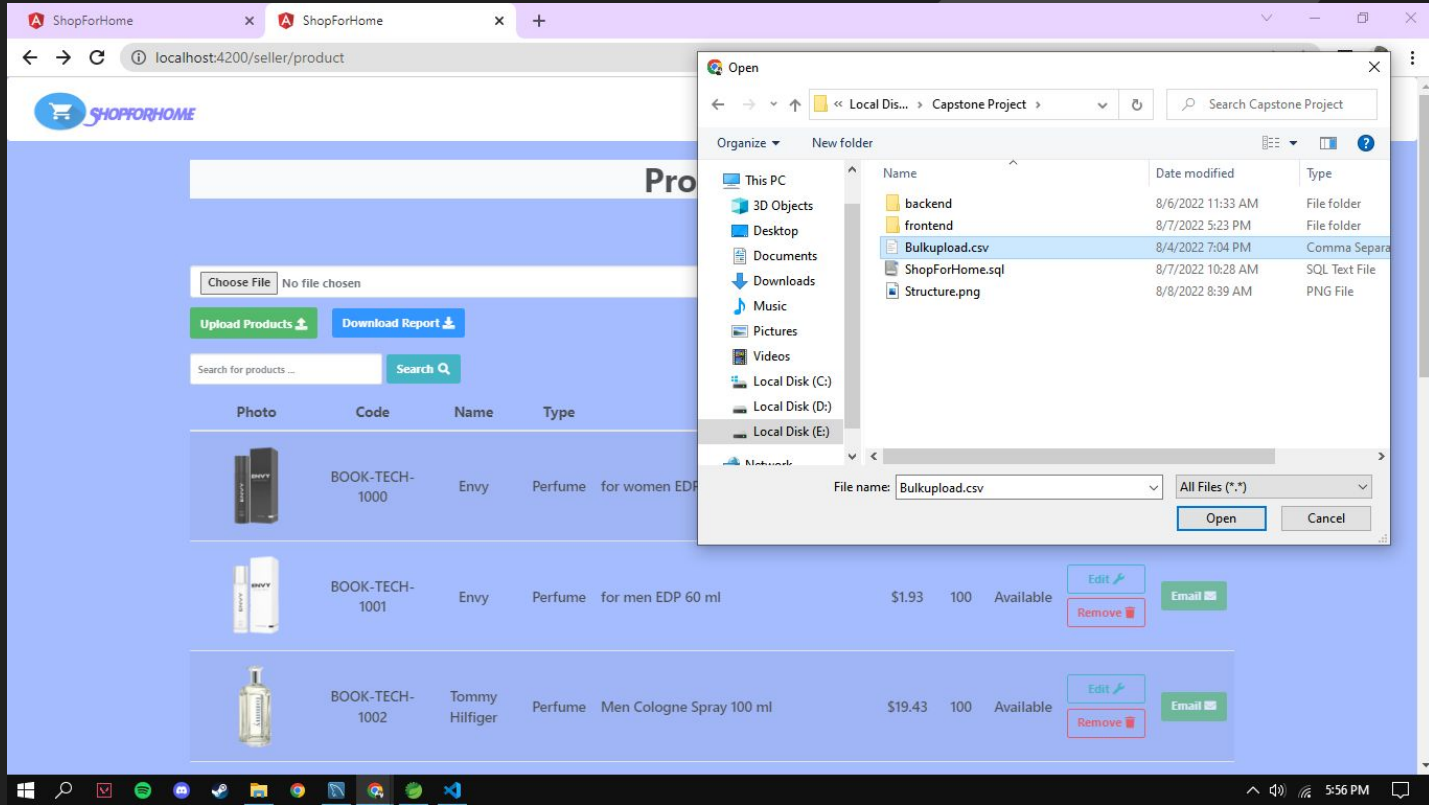
The Windows taskbar is visible at the bottom of the screen, showing various application icons and the system clock indicating 5:51 PM.

Stock and Sales Report




The screenshot displays a web application interface for 'ShopForHome' at the URL `localhost:4200/seller/product`. The application features a navigation bar with links for Discount %, Users, Stocks, Orders, Admin, and Logout. The main content area shows a table of products with columns for Photo, Code, Name, Type, Price, Stock, and Status. A 'Save As' dialog box is open, showing the file 'Report_exported.xlsx' being saved to the 'Downloads' folder. The dialog box also shows the file name 'Report_exported.xlsx' and the save as type 'XLSX File (*.xlsx)'. The background table lists three products:

Photo	Code	Name	Type	Price	Stock	Status
	BOOK-TECH-1000	Envy	Perfume			
	BOOK-TECH-1001	Envy	Perfume			
	BOOK-TECH-1002	Tommy Hilfiger	Perfume	\$19.43	100	Available

Bulk Upload



The screenshot shows a web application interface for 'ShopForHome' with a bulk upload feature. A file explorer window is open, showing the selection of 'Bulkupload.csv' from the 'Capstone Project' directory. The web application displays a table of products with columns for Photo, Code, Name, Type, Price, Quantity, and Availability. The table lists three products: 'BOOK-TECH-1000', 'BOOK-TECH-1001', and 'BOOK-TECH-1002'.

Photo	Code	Name	Type	Price	Quantity	Availability
	BOOK-TECH-1000	Envy	Perfume for women EDP			
	BOOK-TECH-1001	Envy	Perfume for men EDP 60 ml	\$1.93	100	Available
	BOOK-TECH-1002	Tommy Hilfiger	Perfume Men Cologne Spray 100 ml	\$19.43	100	Available

Order Details

ShopForHome

localhost:4200/order

Discount %UsersStocksOrdersAdminLogout

Orders

Order #	Customer Name	Customer Email	Customer Phone	Shipping Address	Total	Order Date	Status	Action
11	Ritik	grplayer56@gmail.com	1234567890	AX-76	\$14.52	Aug 8, 2022	New	<a>Show <a>Cancel <a>Finish
9	Ritik	grplayer56@gmail.com	1234567890	AX-76	\$166.76	Aug 8, 2022	Finished	<a>Show

Previous1Next

ftG@inQ

ShopForHomeAbout UsContact UsHelp

6:10 PM

Feedback Form

The screenshot shows a web browser window with two tabs: 'Capstone-Project-ShopForHome' and 'ShopForHome'. The address bar shows 'localhost:4200/email'. The website header includes a shopping cart icon, the 'SHOPFORHOME' logo, and navigation links: 'Discount %', 'Users', 'Stocks', 'Orders', 'Admin', and 'Logout'. The main content area has a blue background and contains a 'Contact us' section. This section includes a message 'We're open for any suggestion or just to have a chat', contact details (Address: Shop For Home, Email: shopForHome@gmail.com, Phone: + 1235 2355 98), and a form with fields for Name, Email, Subject, and a message box. A 'Send Message' button is below the form. Below the form is a 'Follow us here' section with links to Facebook, Twitter, Instagram, and LinkedIn. The footer contains social media icons and links to 'ShopForHome', 'About Us', 'Contact Us', and 'Help'. The Windows taskbar at the bottom shows various application icons and the system clock at 6:40 PM.

Capstone-Project-ShopForHome x ShopForHome x +

localhost:4200/email

SHOPFORHOME

Discount % Users Stocks Orders Admin Logout

Contact us

We're open for any suggestion or just to have a chat

Address : Shop For Home Email : shopForHome@gmail.com

Phone : + 1235 2355 98

Name

Email

Subject

Create a message here

Send Message

Follow us here

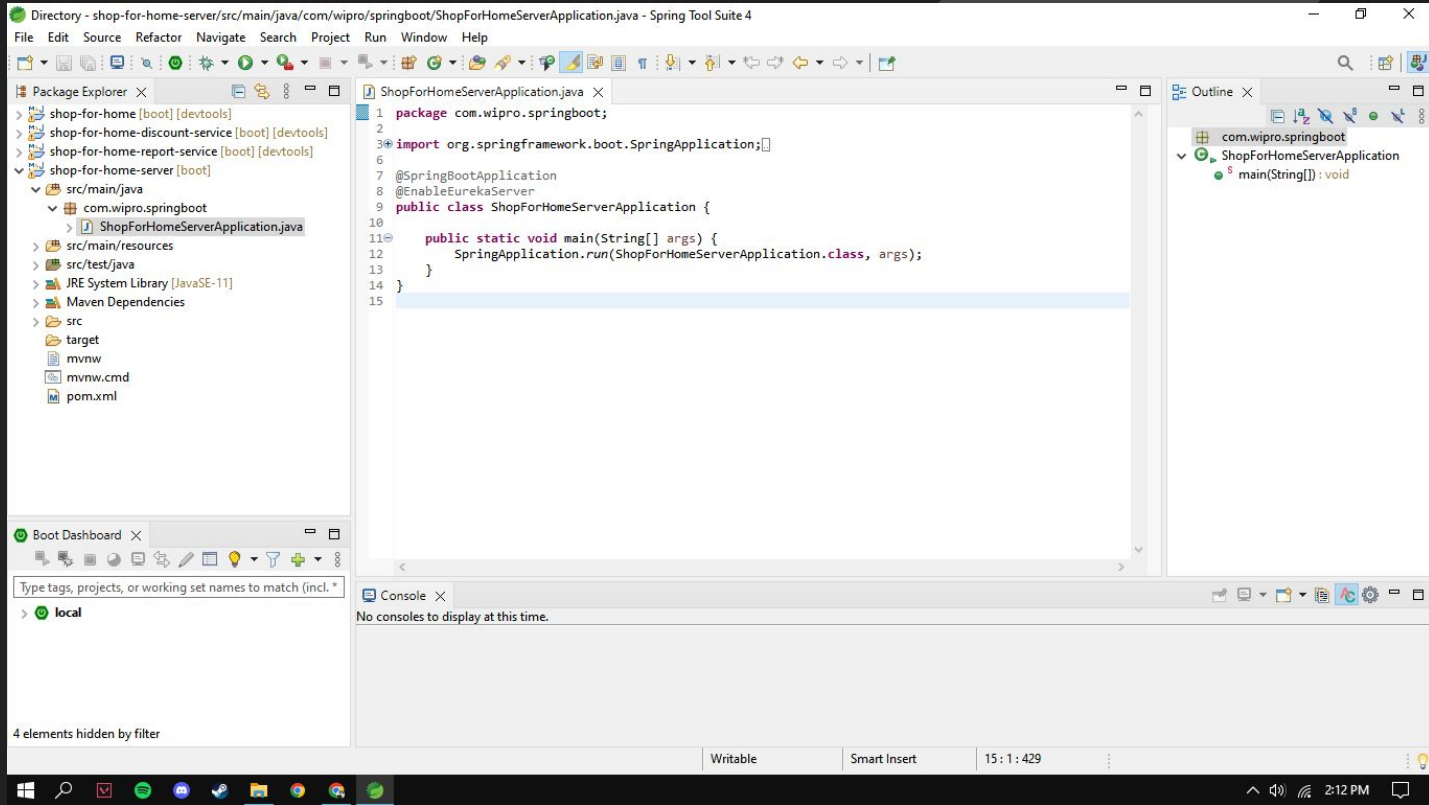
[Facebook](#) [Twitter](#) [Instagram](#) [LinkedIn](#)

f t G @ in

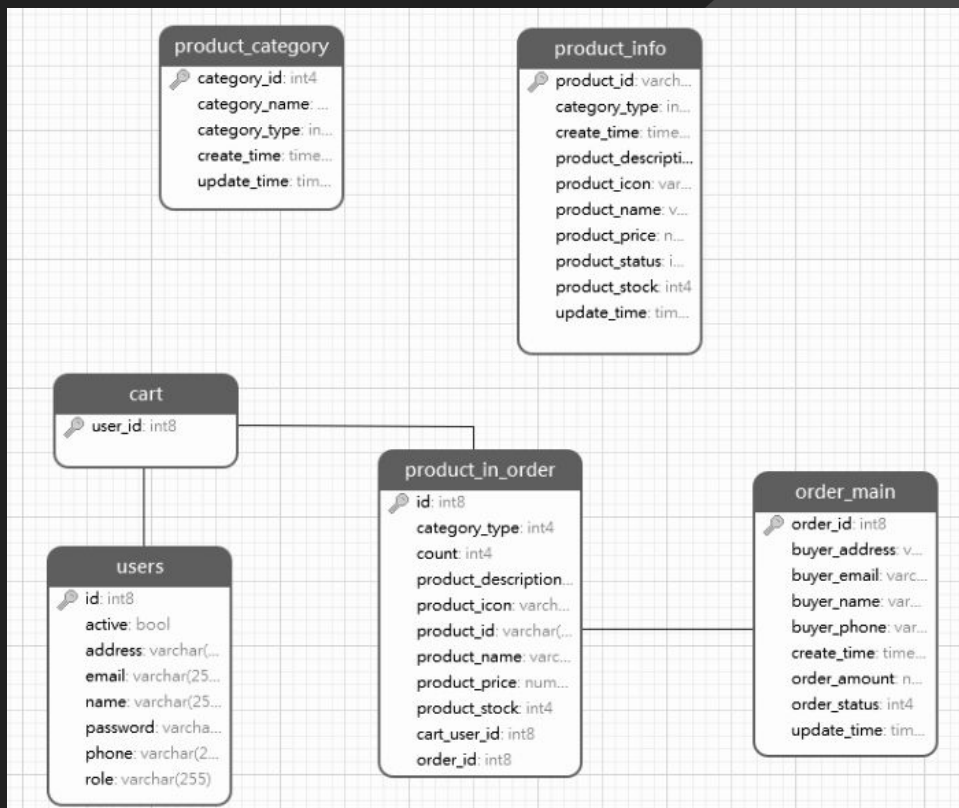
ShopForHome About Us Contact Us Help

6:40 PM

Snippet Of Spring Boot



Database Schema



AWS Deployment

The screenshot shows the AWS Management Console interface for the EC2 service. The main content area displays the 'Instances (1) Info' page. A table lists the instances, with one instance named 'Capstoneserver' having the ID 'i-0f37c273dc1df79d9' and a 'Running' state. The instance is of type 't2.micro' and is located in the 'us-east-1b' availability zone. The left sidebar contains navigation links for various EC2 services, including 'Instances', 'Instance Types', 'Launch Templates', and 'Spot Requests'. The top navigation bar includes the AWS logo, a search bar, and the user's profile information.

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

Select an instance

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Snippet Of Terminal

```
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+15cZZUhtgS+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]#
```

AWS S3 Bucket

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

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

[Refresh](#) [Copy ARN](#) [Empty](#) [Delete](#) [Create bucket](#)

Name

AWS Region

Access

Creation date

springboot-angular

US East (Ohio) us-east-2

Bucket and objects not public

August 10, 2022, 18:13:08 (UTC+05:30)

Feedback

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

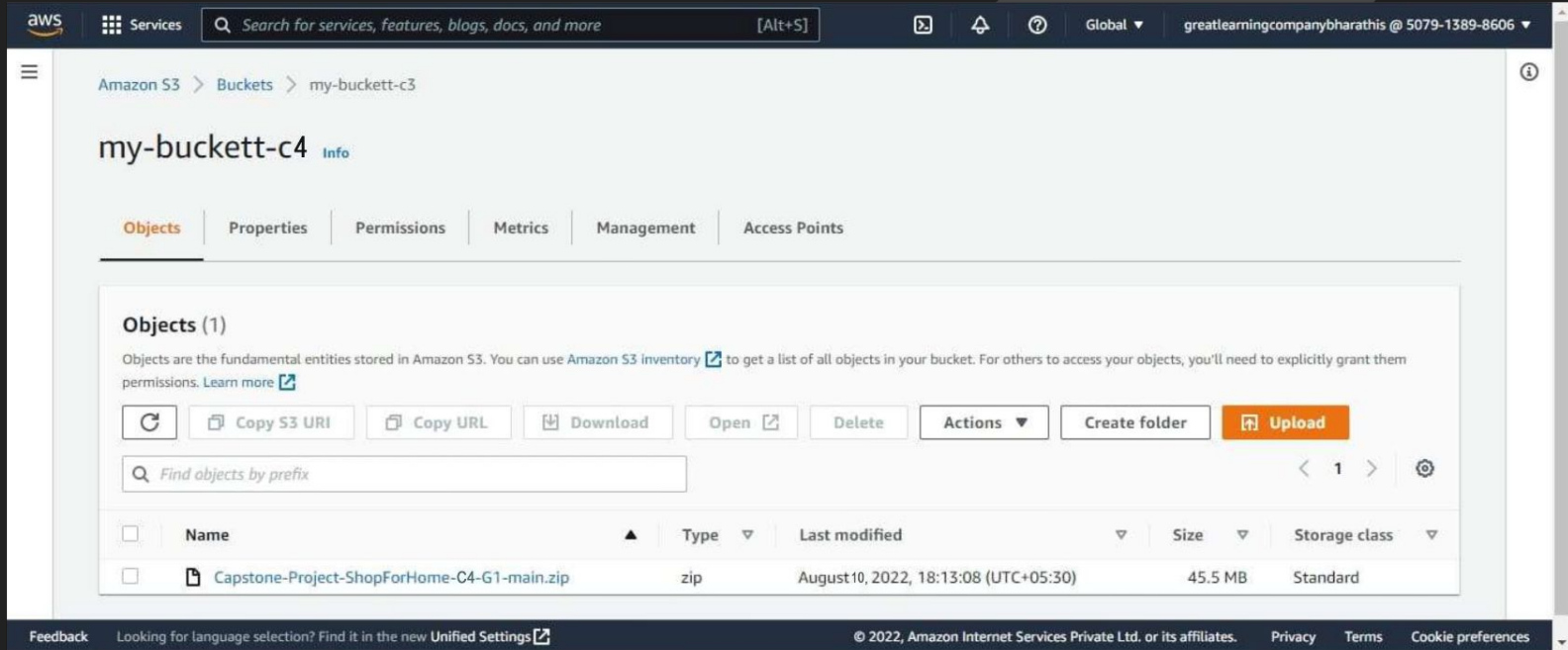
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[Cookie preferences](#)

AWS S3 Bucket



The screenshot shows the AWS S3 console interface. At the top, the AWS logo and navigation bar are visible. The main content area displays the bucket 'my-buckett-c4' with tabs for Objects, Properties, Permissions, Metrics, Management, and Access Points. The 'Objects' tab is active, showing a list of objects. A single object is listed: 'Capstone-Project-ShopForHome-C4-G1-main.zip' with a size of 45.5 MB and a storage class of Standard. The interface includes various action buttons like 'Copy S3 URI', 'Copy URL', 'Download', 'Open', 'Delete', 'Actions', 'Create folder', and 'Upload'.

aws Services Search for services, features, blogs, docs, and more [Alt+S] Global greatlearningcompanybharathis @ 5079-1389-8606

Amazon S3 > Buckets > my-buckett-c3

my-buckett-c4 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 Copy S3 URI Copy URL Download Open Delete Actions Create folder Upload

Find objects by prefix

<input type="checkbox"/>	Name	Type	Last modified	Size	Storage class
<input type="checkbox"/>	Capstone-Project-ShopForHome-C4-G1-main.zip	zip	August 10, 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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Pros and Cons

Advantages

- Faster buying/selling procedure, as well as easy to find products.
- Buying/selling 24/7*More reach to customers, there is no theoretical geographic limitations.
- Low operational costs and better quality of services.
- No need of physical company set-ups.
- Easy to start and manage a business.

Disadvantages

- Unable to examine products personally.
- Not everyone is connected to the Internet.
- Mechanical failures can cause unpredictable effects on the total processes.



Github Repository

The screenshot shows a web browser displaying a GitHub repository page. The address bar shows the URL github.com/adgoel20/shopforhome_capstone_project/tree/main. The repository name is **adgoel20 / shopforhome_capstone_project** (Public). The page includes navigation links for Code, Issues, Pull requests, Actions, Projects, Wiki, Security, Insights, and Settings. The repository has 1 branch (main) and 0 tags. A file list shows the repository structure, including folders for backend and frontend, and files for Bulkupload.csv, Project Structure.png, README.md, and ShopForHome.sql. The README.md file is selected, showing the title **Online Shop Application** and a description: "A full-stack Online Shop web application using Spring Boot 2 and Angular 7. This is a Single Page Application with client-side rendering. It includes backend and frontend two separate projects". The right sidebar contains sections for About (No description, website, or topics provided), Releases (No releases published), Packages (No packages published), and Languages.

adgoel20/shopforhome_capstone_project (Public)

Search or jump to... Pull requests Issues Marketplace Explore

<> Code Issues Pull requests Actions Projects Wiki Security Insights Settings

main 1 branch 0 tags

Go to file Add file Code

adgoel20 Create README.md f4b8812 now 9 commits

backend	backendpart	2 days ago
frontend	frontendpart	2 days ago
Bulkupload.csv	Shop For Home	2 days ago
Project Structure.png	Shop For Home	2 days ago
README.md	Create README.md	now
ShopForHome.sql	Shop For Home	2 days ago

README.md

Online Shop Application

A full-stack Online Shop web application using Spring Boot 2 and Angular 7.

This is a Single Page Application with client-side rendering. It includes backend and frontend two separate projects

About
No description, website, or topics provided.
Readme
0 stars
1 watching
0 forks

Releases
No releases published
[Create a new release](#)

Packages
No packages published
[Publish your first package](#)

Languages

https://github.com/adgoel20/shopforhome_capstone_project/tree/main



THANKYOU