

# **CAPSTONE PROJECT**

## **“SHOP FOR HOME”**

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**JAVA And AWS C III**

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**GROUP-7**

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# Introduction

- Nowadays most of the purchasing of items that are needed for the daily basis can be done through online mode.
- There are many websites where people can buy their stuff through online like Ikea, Amazon and etc
- Shop for home is a popular store in the market for shopping the Shop for home.
- In this project we created a ecommerce website to provide all the services to the users through online.
- There are 2 users in this application:
  1. User
  2. Admin

# Aim

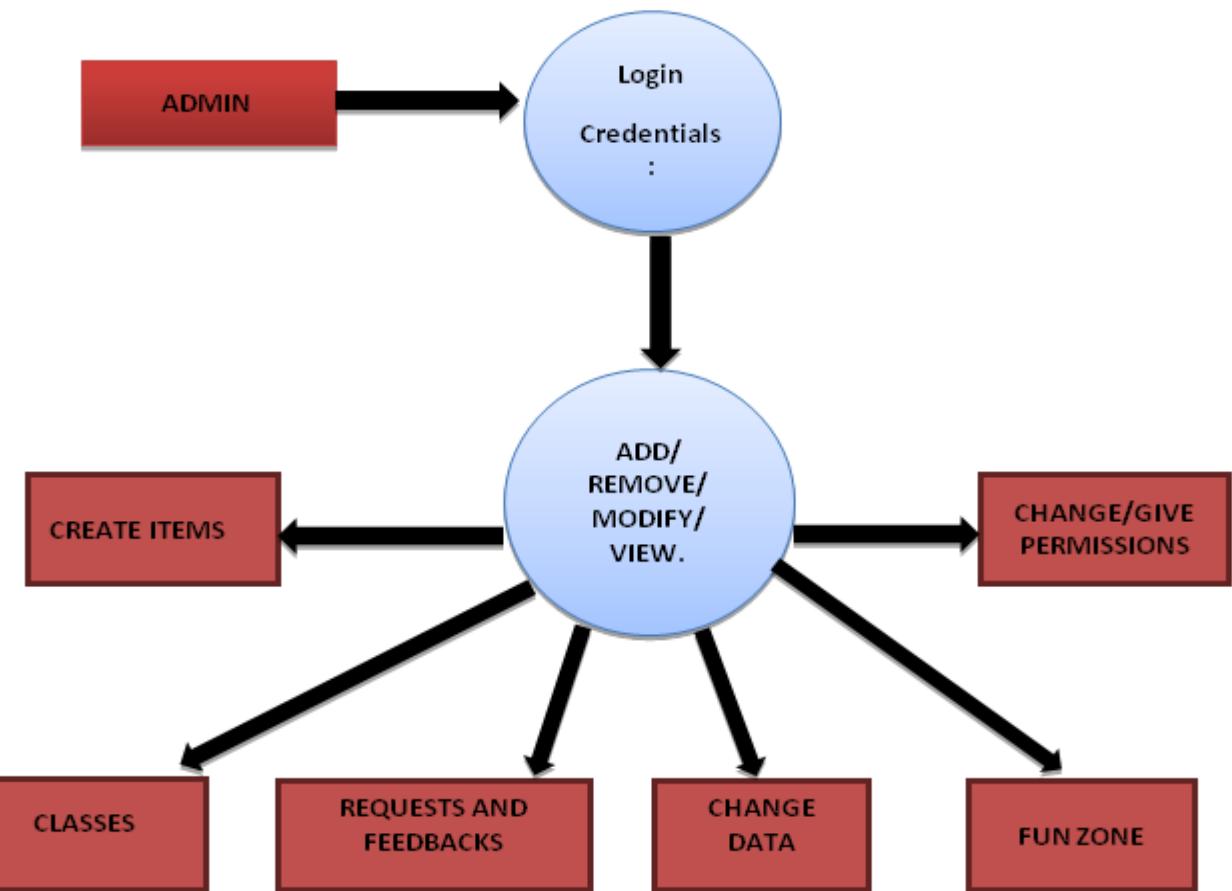
- This project aims to develop an online shopping for customers with the goal so that it is very easy to shop their loved things virtually without going to any store from their home
- The objective of the project is to make an application in android platform to purchase items in an existing shop.
- In order to build such an application complete web support need to be provided. A complete and efficient web application which can provide the online shopping experience is the basic objective of the project. The web application can be implemented in the form of an android application with web view.

# Technologies Used:

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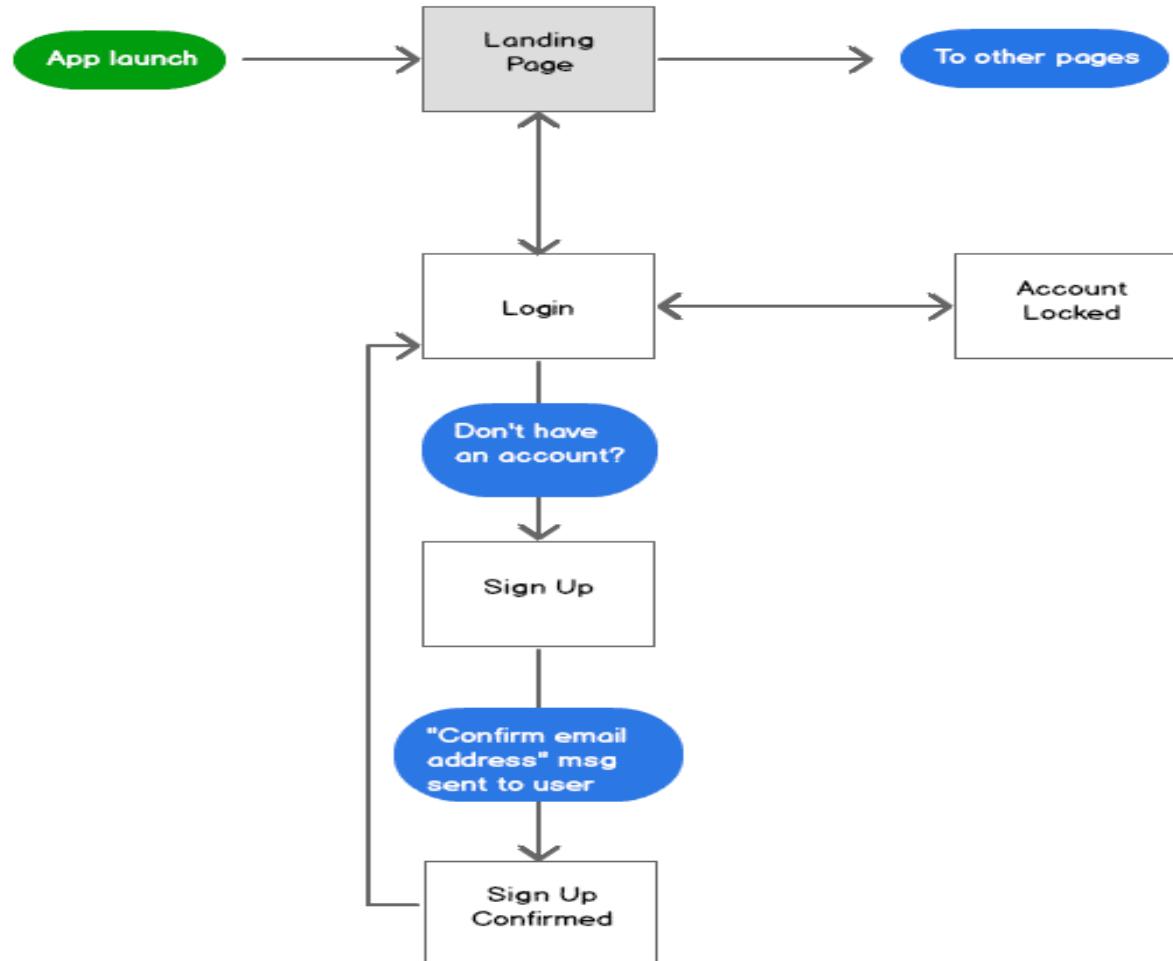
- Angular - Frontend
- Database – MySQL And XAMPP
- Java(Eclipse) and Spring boot - Backend
- AWS Services
- IDE- Visual Studio Code , Eclipse.
- Versioning: GitHub

# The admin does the following activities:

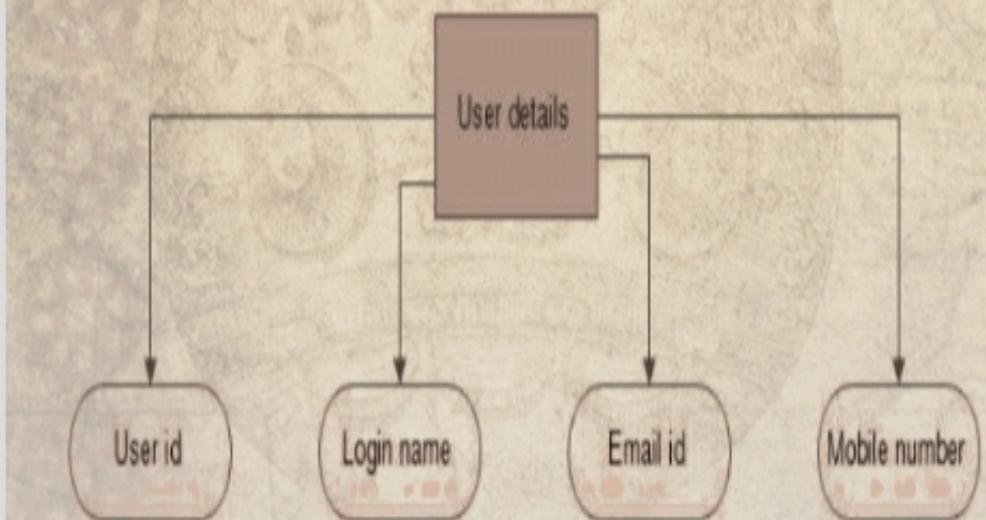


- Manages the product
- Manages the order
- Manages the user
- Manages the items

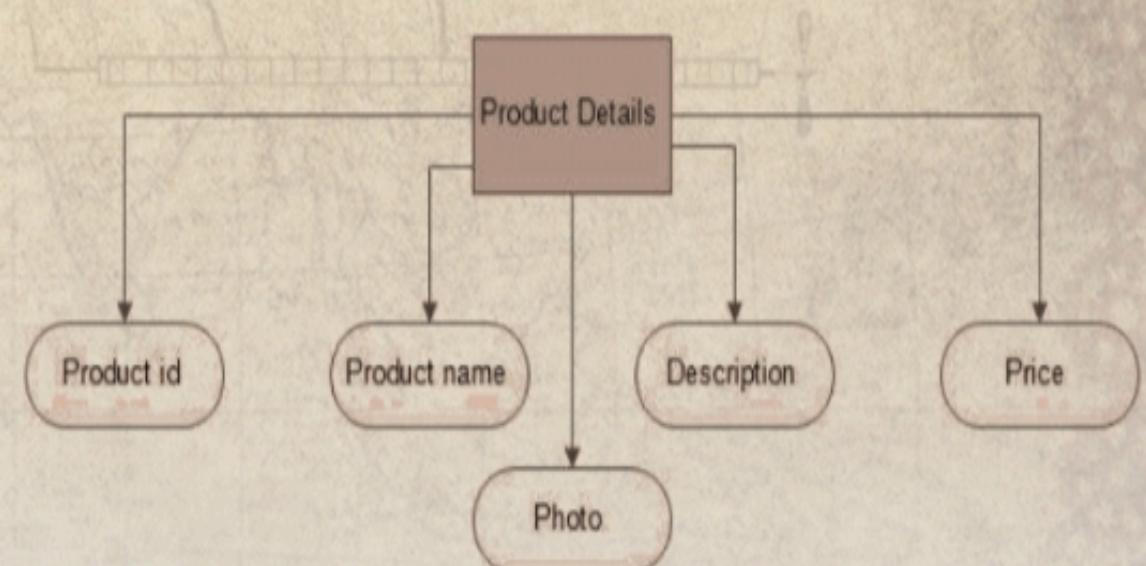
## The login page of the user contains the following attributes:



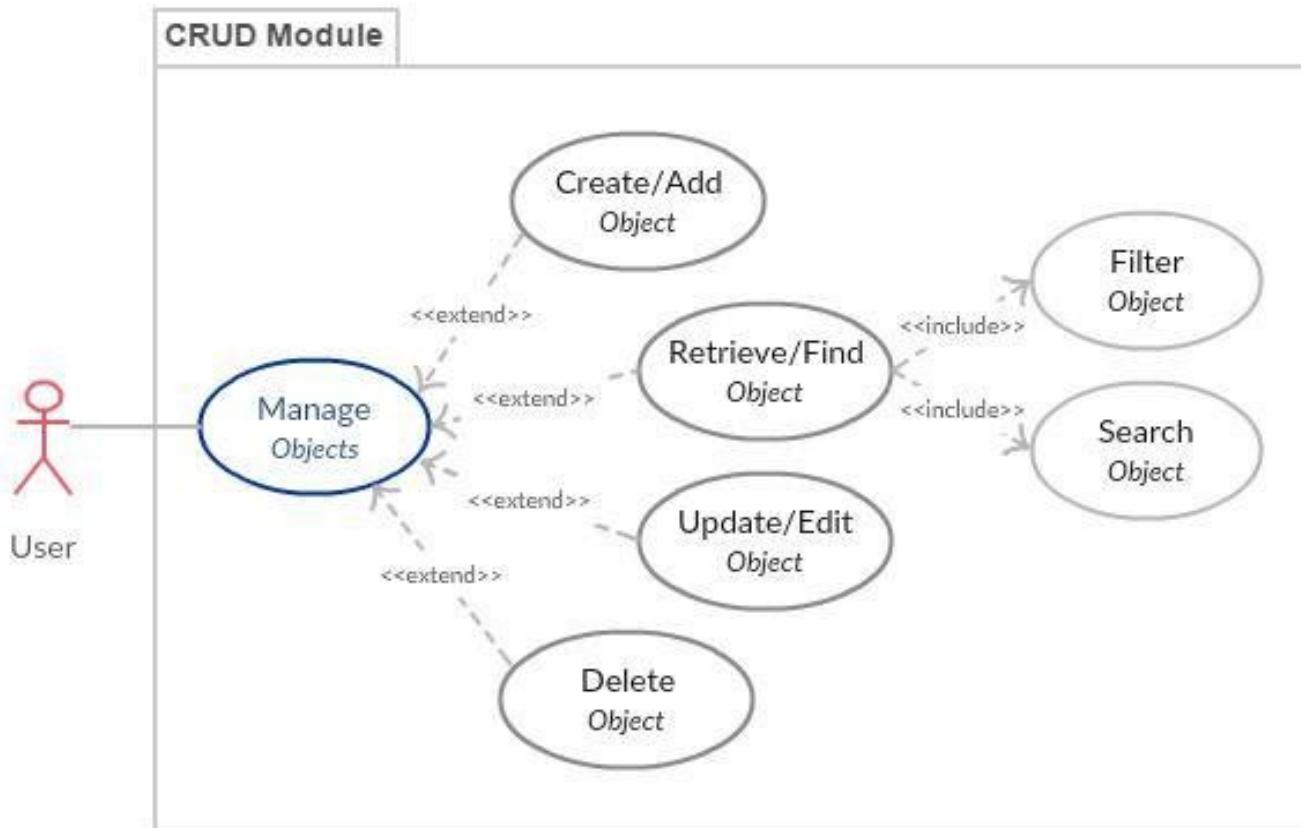
**User details of a particular user:**



**Product details of a particular product:**

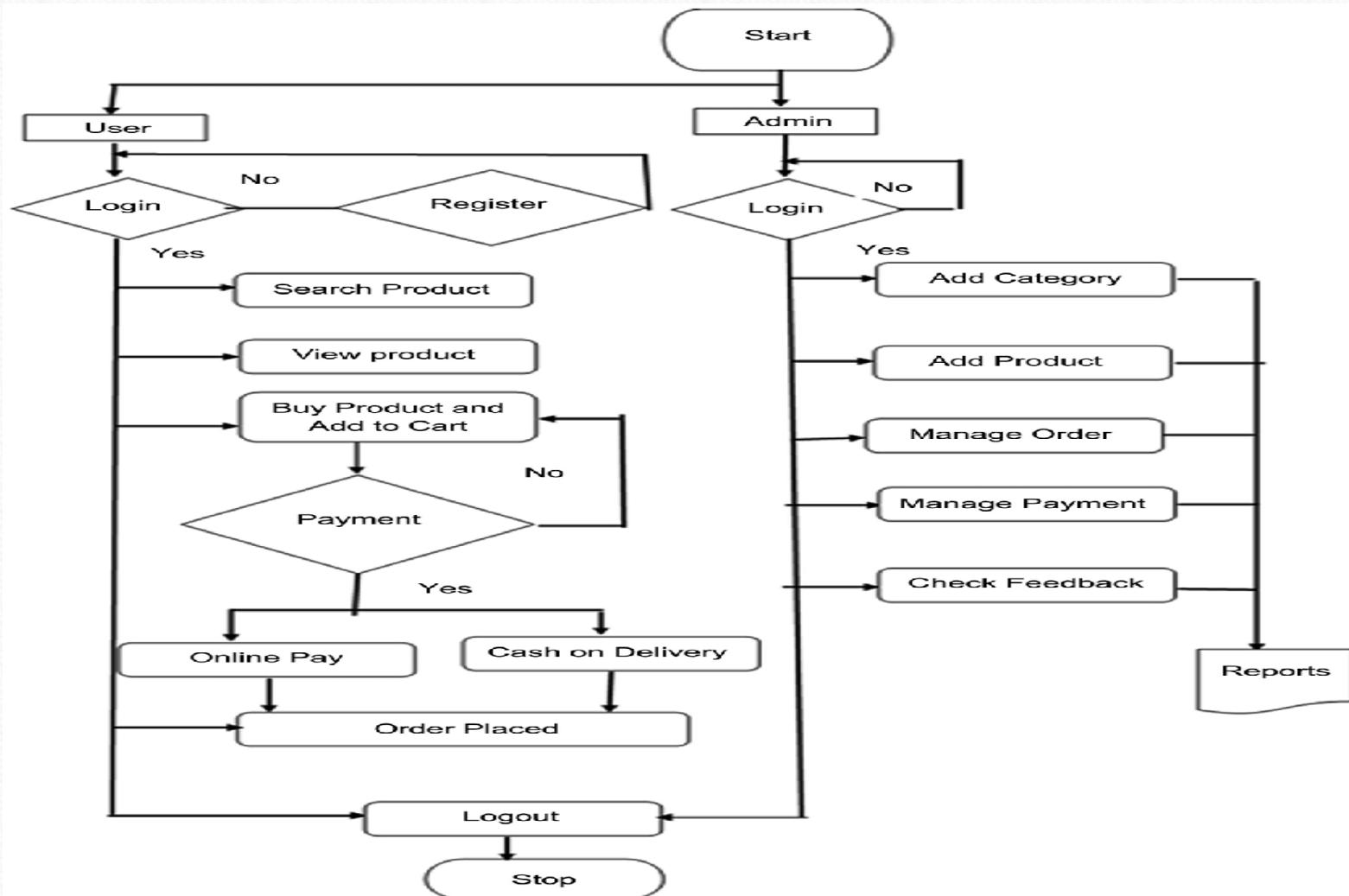


## The manage product module do the CRUD operations:



- The CRUD options can be applied on the product and can be updated in the database.

# The overall view of a project:



# **Goal of User**

- User can be able to Login, Logout and Register into the Application.
- User can be able to see the Products in different categories.
- The user can also be able to sort the products.
- User can be able to add the products into the shopping cart.
- User can be able to increase or decrease the quantity added in the cart.
- User can be able to add “n” number of products in the cart.
- User can be able to get the Wishlist option where the user can add those products which he want but don’t want to order now.
- User gets the different discount coupons.

# Git Repository-

The screenshot shows a GitHub repository page for 'dp558/CapstoneProjectC3G7'. The repository is public and has 1 branch and 0 tags. The 'Code' tab is selected. The commit history shows two commits from 'dp558 final' made one minute ago, including changes to 'backend', 'frontend/Home e-commerce', 'productsdata.sql', and 'statics3.png'. The 'About' section indicates no description, website, or topics are provided. There are 0 stars, 1 watching, and 0 forks. The 'Releases' section shows no releases published.

github.com/dp558/CapstoneProjectC3G7

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

dp558 / CapstoneProjectC3G7 Public

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

main 1 branch 0 tags Go to file Add file Code About

No description, website, or topics provided.

dp558 final 8b4f7d3 1 minute ago 2 commits

backend 'sprint2 yesterday

frontend/Home e-commerce final 1 minute ago

productsdata.sql final 1 minute ago

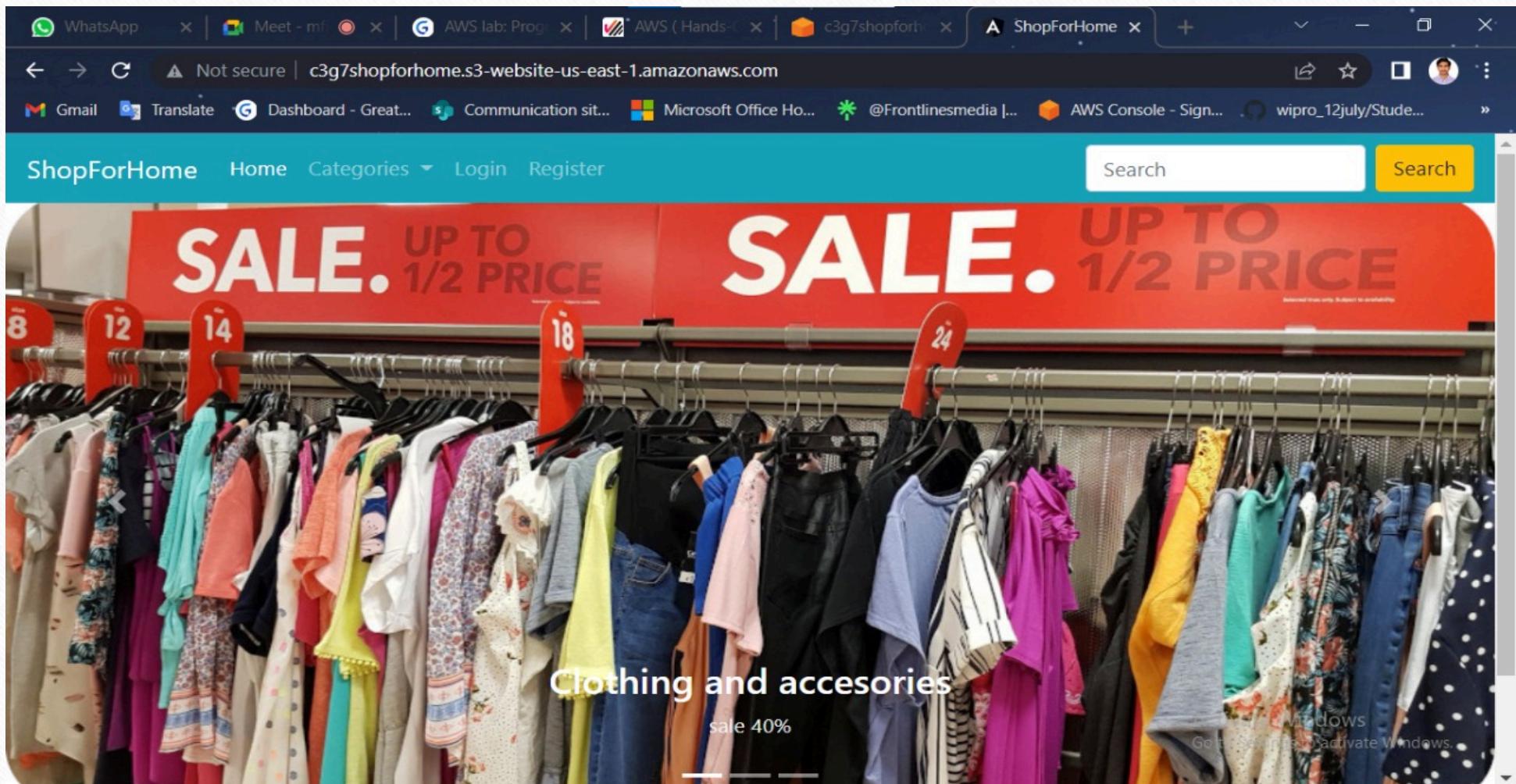
statics3.png final 1 minute ago

Help people interested in this repository understand your project by adding a README. Add a README

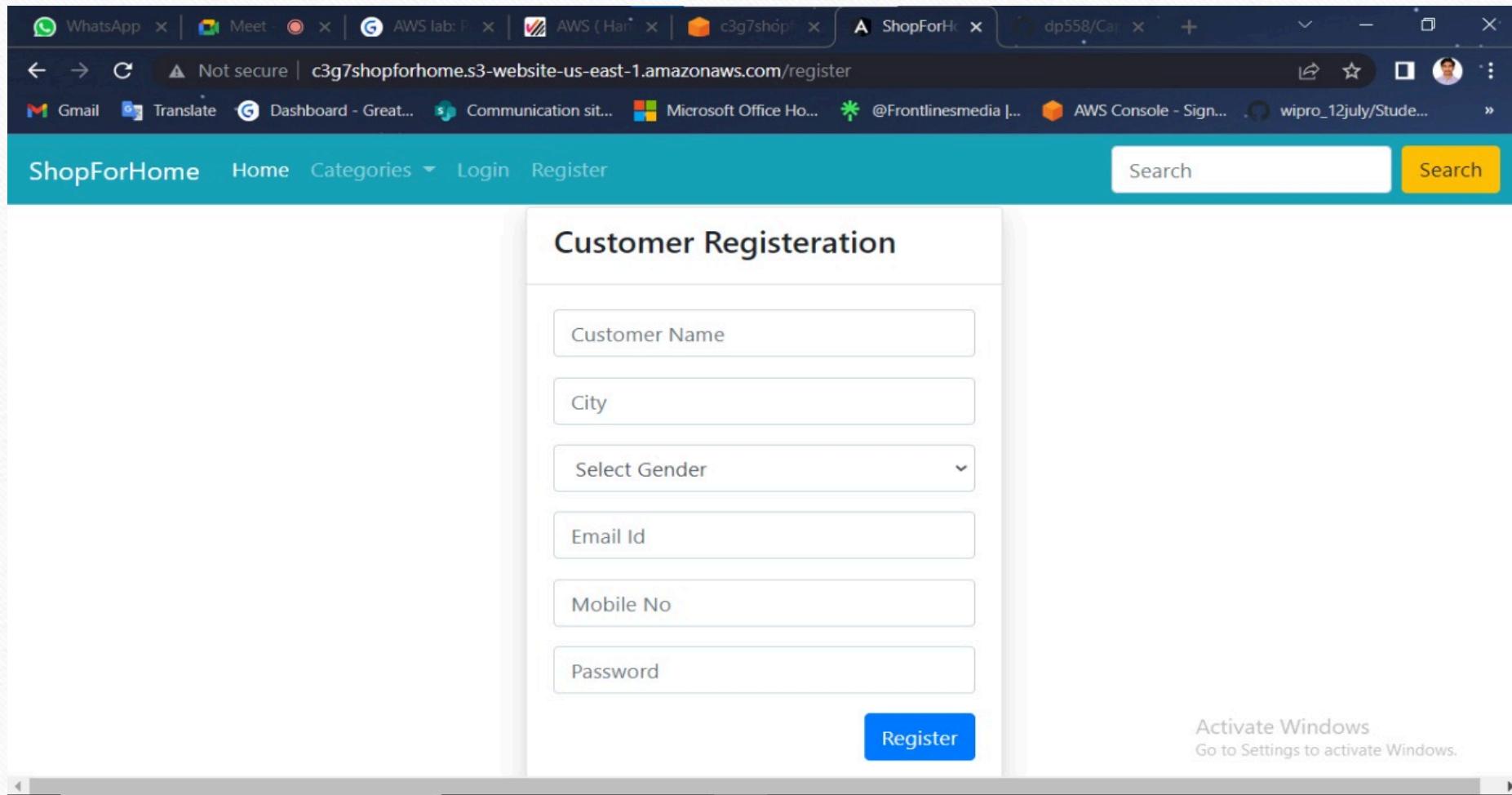
0 stars 1 watching 0 forks

No releases published Create a new release Activate Windows Go to Settings to activate Windows.

# HOME PAGE(USER)-



# CUSTOMER REGISTRATION-



# CATEGORIES(User side)-

The screenshot shows a web browser window with multiple tabs open at the top. The active tab is 'localhost:4200/profile' for the 'ShopForHome' application. The browser's address bar also displays 'localhost:4200/profile'. Below the address bar, there is a toolbar with various icons and links.

The main content area of the browser shows a user profile form. The form includes fields for Name, Address, Gender, Email Id, and Phone no. The 'Name' field contains 'electronics' and 'Prasad'. The 'Address' field contains 'fashion' and 'grocery'. The 'Gender' field contains 'kitchen'. The 'Email Id' field contains 'dp@gmail.com'. The 'Phone no' field contains '9866567475'. A 'Search' bar with a placeholder 'Search' and a yellow 'Search' button are located at the top right of the form area.

In the bottom right corner of the browser window, there is a watermark or advertisement for Windows activation, which reads:

Activate Windows  
Go to Settings to activate Windows.

# USER LOGIN-

The screenshot shows a web browser window with a teal header bar. The header contains the shop logo "ShopForHome", navigation links "Home", "Categories", "Login", and "Register", and a search bar with a yellow "Search" button. The main content area features a white "Customer Login" form with two input fields: "User Id" and "Password", and a blue "Sign In" button. At the bottom right of the page, there is a watermark-like message: "Activate Windows Go to Settings to activate Windows."

WhatsApp | Meet | AWS lab: P | AWS (Ham | c3g7shop | ShopForHome | dp558/Caj | + | - | X

Not secure | c3g7shopforhome.s3-website-us-east-1.amazonaws.com/login

Gmail | Translate | Dashboard - Great... | Communication sit... | Microsoft Office Ho... | @Frontlinesmedia J... | AWS Console - Sign... | wipro\_12july/Stude...

ShopForHome Home Categories Login Register

Search Search

Customer Login

User Id

Password

Sign In

Activate Windows  
Go to Settings to activate Windows.

# ADD TO CART-

WhatsApp | Meet - mf | AWS lab: Prog | AWS ( Hands... | c3g7shopfor... | ShopForHome | +

localhost:4200/viewcart

Gmail Translate Dashboard - Great... Communication sit... Microsoft Office Ho... @Frontlinesmedia J... AWS Console - Sign... wipro\_12july/Stude...

ShopForHome Home Categories Profile Order History Wishlist View Cart Logout

Search Search

## My Cart

Product	Price	Qty	Amount	Action
 samsung (electronics)	10000	<button>-</button> 1 <button>+</button>	10000	<button>Remove</button>
 Butterfly (kitchen)	3099	<button>-</button> 1 <button>+</button>	3099	<button>Remove</button>
<b>Total</b>			<b>13099</b>	

### Check Out

Card No

16-digit Card No

Name on Card

Name on card

Expiry Date CVV

-----, ----- CVV

Amount

13099

**Place Order** Activate Windows  
Go to Settings to activate Windows.

# USER PROFILE-

The screenshot shows a web browser window with the URL `localhost:4200/profile`. The page title is "ShopForHome". The main content displays a user's profile information in a table format:

Name	Durga Prasad
Address	Ambajipeta
Gender	Male
Email Id	dp@gmail.com
Phone no	9866567475

At the bottom right of the page, there is a watermark that reads "Activate Windows Go to Settings to activate Windows."

Activate Windows  
Go to Settings to activate Windows.

# WISHLIST-

WhatsApp | Meet - mfi | AWS lab: Prog... | AWS ( Hands... | c3g7shopfor... | ShopForHome | +

localhost:4200/wishlist

Gmail | Translate | Dashboard - Great... | Communication sit... | Microsoft Office Ho... | @Frontlinesmedia |... | AWS Console - Sign... | wipro\_12july/Stude...

ShopForHome Home Categories ▾ Profile Order History Wishlist View Cart Logout

Search Search

## My Wishlist

Product	Category	Description	Price	Action
 libas	fashion	kurta	1800	<button>Remove</button>
 foosil	fashion	watch	25400	<button>Remove</button>

Activate Windows  
Go to Settings to activate Windows.

# USER ORDER HISTORY-

A screenshot of a web browser window titled "ShopForHome". The address bar shows "localhost:4200/history". The page header includes links for "ShopForHome", "Home", "Categories", "Profile", "Order History", "Wishlist", "View Cart", and "Logout". A search bar with a yellow "Search" button is also present. The main content area displays "My Order History" with a table showing one order. Order ID 1 was placed on Aug 23, 2022. The details table lists two items: a Samsung smartphone priced at 10000 and a Butterfly keyboard priced at 3099.

Order Id	Order Date	Details		
		Product	Price	Qty
1	Aug 23, 2022	 samsung	10000	1
		 Butterfly	3099	1

Activate Windows  
Go to Settings to activate Windows.

# **Goal of Admin**

- Admin can be able to login, Logout and Register into the application.
- Admin can be able to perform CRUD on Users.
- Admin can be able to Perform CRUD on the products.
- Admin can be able to get bulk upload option to upload a csv for products details
- Admin can be able to get the stocks.
- Admin can be able to mail if any stock is less than 10.
- Admin can be able to get the sales report of a specific duration.
- Admin can be able to set the discount coupons for the specific set of user.

# ADMIN LOGIN-

The screenshot shows a web browser window with the following details:

- Address Bar:** localhost:4200/admin
- Tab Bar:** WhatsApp, Meet - mf, AWS lab: Prog..., AWS ( Hands..., c3g7shopfor..., ShopForHome
- Toolbar:** Back, Forward, Refresh, Home, Search, Favorites, User Profile, More
- Header:** ShopForHome, Home, Categories, Profile, Order History, Wishlist, View Cart, Logout, Search, Search Button
- Content Area:** A modal dialog titled "Admin Login" contains fields for "User Id" and "Password", and a blue "Sign In" button.
- Bottom Right Corner:** Activation message: "Activate Windows Go to Settings to activate Windows."

# ADMIN(Adding product & Bulk Upload CSV)-

Screenshot of a web application interface titled "ShopForHome" showing the "Products" section.

The top navigation bar includes links for WhatsApp, Meet, AWS lab, AWS (Hands-on), c3g7shopfor, ShopForHome, and other tabs like Gmail, Translate, Dashboard, Communication sit..., Microsoft Office Ho..., @Frontlinesmedia J..., AWS Console - Sign..., and wipro\_12july/Stude...".

The main menu bar contains links for ShopForHome, Home, Dashboard, Categories, Products, Orders, Users, and Logout. A search bar with a yellow "Search" button is also present.

The "Products" section displays a table with the following data:

Product	Category	Description	Stocks	Price	E-Mail	Action
 samsung	electronics	mobilephone	10	10000		<button>Delete</button>
 mi	electronics	smart Watch	5	1500	<button>E-MAIL</button>	<button>Delete</button>
 oneplus	electronics	smart Tv	6	15000	<button>E-MAIL</button>	<button>Delete</button>
 LG	electronics	refridgerator	8	12000	<button>E-MAIL</button>	<button>Delete</button>

The right side of the screen features an "Add Product" form with fields for Product Name, Category (with a dropdown menu labeled "Select Category"), Description, No. Of Stocks, Price, and a note about activating Windows. There is also a "Product Name" dropdown at the bottom.

# ADMIN( Email functionality when stock is less than 10)-

Screenshot of a web browser showing the "ShopForHome" application interface. The browser has multiple tabs open, including WhatsApp, Meet, AWS lab, AWS (Hands-on), c3g7shopfor, ShopForHome, and others.

The main page displays a table of products:

Image	Brand	Category	Name	Stock	Price	Action	Action
	LG	electronics	refridgerator	8	12000	<a href="#">E-MAIL</a>	<a href="#">Delete</a>
	usha	electronics	fan	12	1200	<a href="#">E-MAIL</a>	<a href="#">Delete</a>
	Blue Star	electronics	ac	15	22000	<a href="#">E-MAIL</a>	<a href="#">Delete</a>
	Bajaj	electronics	cooler	9	9000	<a href="#">E-MAIL</a>	<a href="#">Delete</a>
	sisca	electronics	smart Light	13	600	<a href="#">E-MAIL</a>	<a href="#">Delete</a>
	Hp	electronics	Laptop	14	50000	<a href="#">E-MAIL</a>	<a href="#">Delete</a>

On the right side of the table, there is a sidebar with the following sections:

- Price**: An input field for searching by price.
- Product Name**: A file upload input field labeled "Choose File" with "No file chosen".
- Save Product**: A blue button.
- OR**: A section header.
- Upload CSV File Here**: A file upload input field labeled "Choose File" with "No file chosen".
- Save Product**: A blue button.
- Activate Windows**: A message with a link to "Go to Settings to activate Windows."

# Email for Stock

A screenshot of a web browser window titled "Email For Stocks". The browser has a dark theme and shows several tabs at the top, including WhatsApp, Meet, AWS lab, AWS (Hands-on), c3g7shopforhome, ShopForHome, Gmail, Translate, Dashboard - Great..., Communication sit..., Microsoft Office Ho..., @Frontlinesmedia J..., AWS Console - Sign..., and wipro\_12july/Stude...". The main content area displays the title "Email For Stocks" and "Orders Form" above five input fields: "Name", "Email", "Mobile Number", "Subject", and "Message". At the bottom right, there is a blue button labeled "Submit Form" and a watermark for "Activate Windows" with the text "Go to Settings to activate Windows."

localhost:4200/emailus

## Email For Stocks

### Orders Form

Name

Email

Mobile Number

Subject

Message

Submit Form

Activate Windows  
Go to Settings to activate Windows.

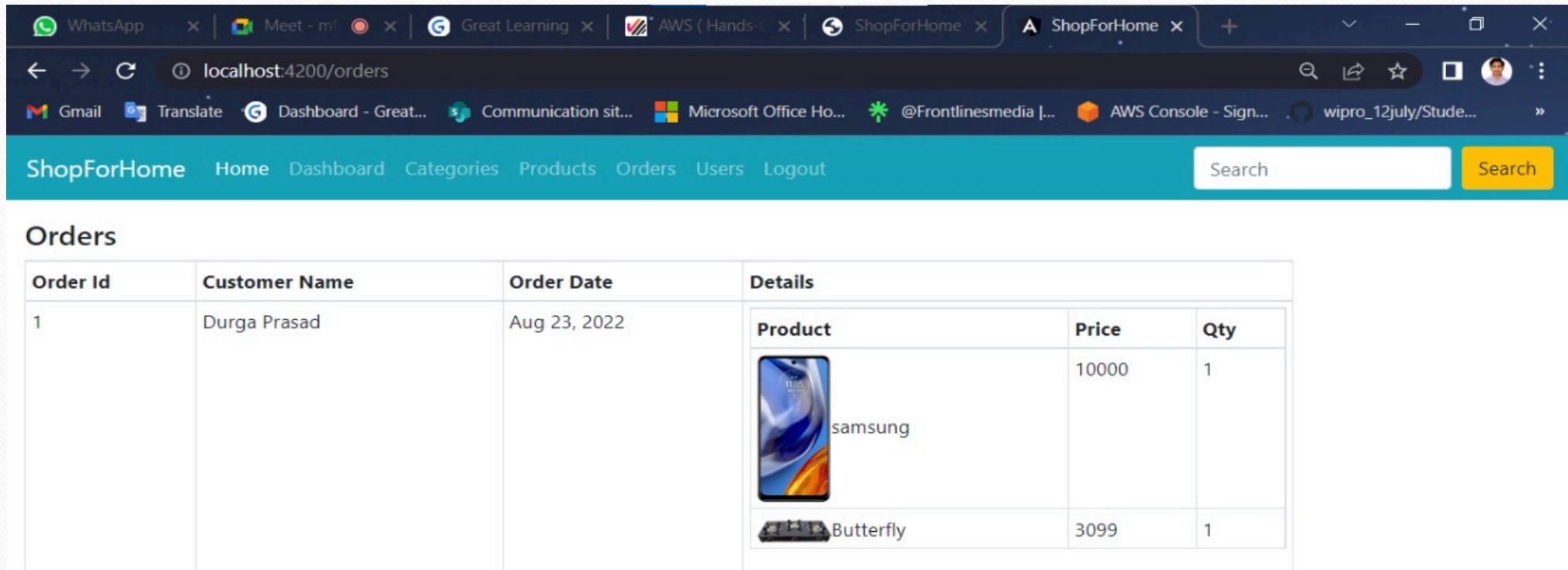
# CATEGORIES(Admin side)-

The screenshot shows a web browser window with the URL `localhost:4200/category`. The browser has several tabs open, including WhatsApp, Meet, Great Learning, AWS, ShopForHome, and another ShopForHome tab. The main content area is titled "Categories". It features a table with four rows, each containing a Category ID (1, 2, 3, 4), a Category Name (electronics, fashion, grocery, kitchen), and a "Delete" button. To the right of the table is a form for adding a new category, with fields for "Category Name" and "Category name", and a "Save Category" button.

Category Id	Category Name	Action
1	electronics	Delete
2	fashion	Delete
3	grocery	Delete
4	kitchen	Delete

Activate Windows  
Go to Settings to activate Windows.

# ADMIN ORDERS-

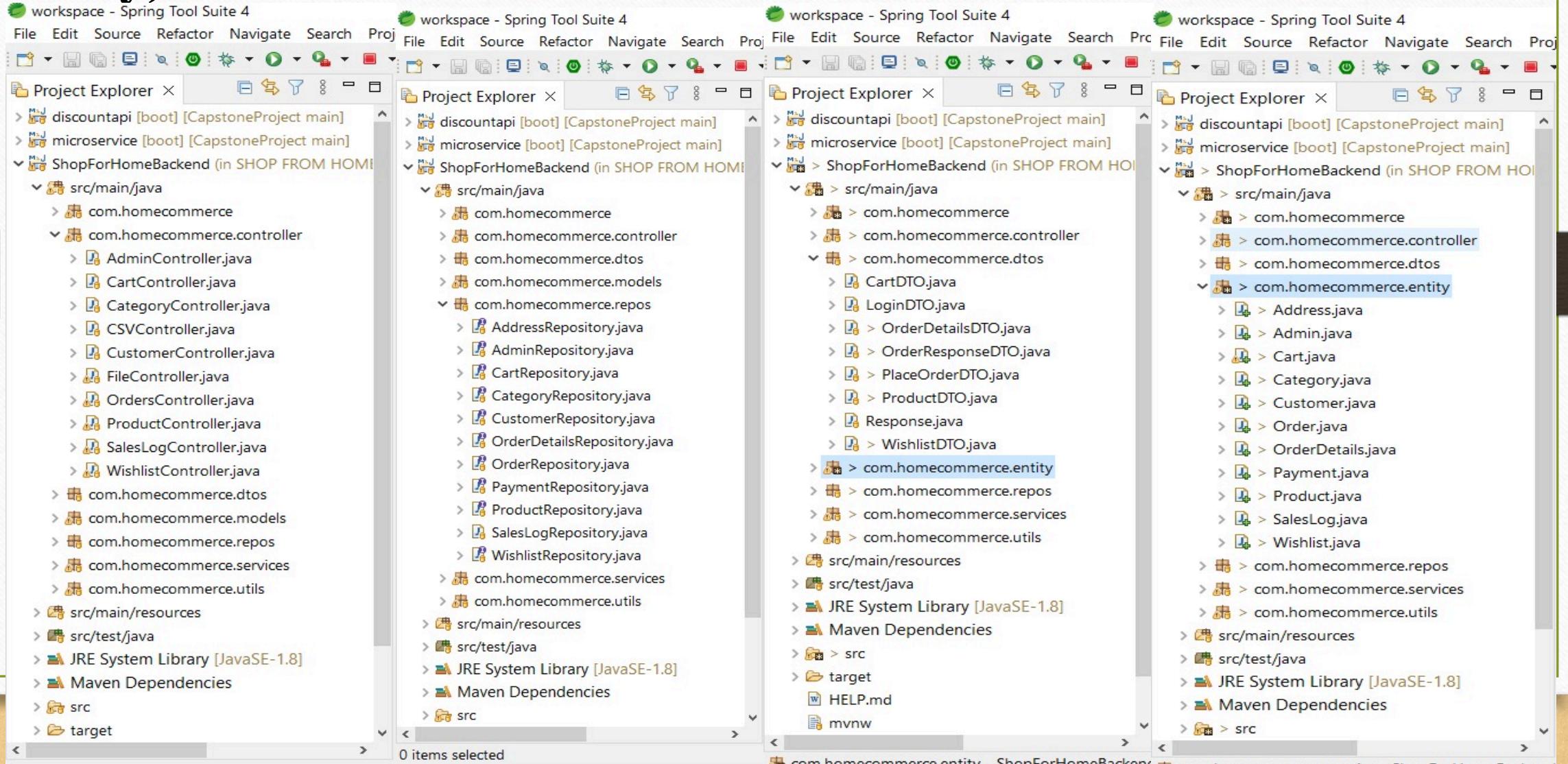


The screenshot shows a web browser window with the title "ShopForHome" and the URL "localhost:4200/orders". The page has a teal header with navigation links: Home, Dashboard, Categories, Products, Orders, Users, and Logout. There are two search bars: a standard one and a yellow "Search" button. The main content area is titled "Orders" and shows a table for Order ID 1. The table has four columns: Order Id, Customer Name, Order Date, and Details. The Details section is expanded to show two items: a Samsung smartphone (image, price 10000, quantity 1) and a Butterfly keyboard (image, price 3099, quantity 1).

Order Id	Customer Name	Order Date	Details									
1	Durga Prasad	Aug 23, 2022	<table border="1"><thead><tr><th>Product</th><th>Price</th><th>Qty</th></tr></thead><tbody><tr><td> samsung</td><td>10000</td><td>1</td></tr><tr><td> Butterfly</td><td>3099</td><td>1</td></tr></tbody></table>	Product	Price	Qty	 samsung	10000	1	 Butterfly	3099	1
Product	Price	Qty										
 samsung	10000	1										
 Butterfly	3099	1										

Activate Windows  
Go to Settings to activate Windows.

# Spring Boot(Controllers, Repository, Data Transfer Object, Entity)-



# My SQL database

MySQL Workbench  
Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator: productsdata\*

SCHEMAS

- officedb
- shopforhome
  - Tables
    - address
    - admin
    - cart
    - category
    - customer
    - orderdetails
    - orders
    - payments
    - product
    - saleslog
    - wishlist
  - Views
  - Stored Procedures
  - Functions
- sys
- world

Administration Schemas

No object selected

Information

Action Output

#	Time	Action
1	12:27:10	DROP DATABASE 'shopforomedb'

Message: 7 row(s) affected

Activate Windows Duration / Fetch  
Go to Settings to activate Windows. 14.860 sec

SQL Additions

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

```
45 (34,'Coffee ', 'assets/images/products/grocery/g9.webp', 'Home Blend', 430, 3, 15),
46 (35,'Hair Shampoo ', 'assets/images/products/grocery/e10.webp', 'Dove', 500, 3, 14);
47
48 • INSERT INTO `product` (`id`, `descr`, `photo`, `pname`, `price`, `cat_id`, `stocks`) VALUES
49 (36,'Oil Dispenser', 'assets/images/products/kitchen/k1.jpg', 'Star Work', 297, 4, 100),
50 (37,'3 Burner Gas Stove', 'assets/images/products/kitchen/k2.jpg', 'Butterfly', 3099, 4, 50),
51 (38,'Micro Oven', 'assets/images/products/kitchen/k3.jpg', 'Samsung', 11690, 4, 45),
52 (39,'Sandwich Maker', 'assets/images/products/kitchen/k4.jpg', 'Havells', 2299, 4, 50),
53 (40,'Waffle Maker', 'assets/images/products/kitchen/k5.jpg', 'Prestige', 1525, 4, 70),
54 (41,'Dish Washer', 'assets/images/products/kitchen/k6.jpg', 'Bosch', 42990, 4, 55),
55 (42,'Pressure Cooker', 'assets/images/products/kitchen/k7.jpg', 'Hawkins', 2739, 4, 115),
56 (43,'Dinner Set', 'assets/images/products/kitchen/k8.jpg', 'Jenvan', 900, 4, 234),
57 (44,'Knives', 'assets/images/products/kitchen/k9.webp', 'Pigeon', 309, 4, 432),
58 (45,'Egg Cooker', 'assets/images/products/kitchen/k10.jpg', 'Kent', 1149, 4, 135),
59 (46,'Coffee Bean Grinder', 'assets/images/products/kitchen/k11.jpg', 'InstaCuppa', 2499, 4, 55),
60 (47,'Juicer', 'assets/images/products/kitchen/k12.jpg', 'Philips', 8699, 4, 75),
61 (48,'Kettle', 'assets/images/products/kitchen/k13.jpg', 'Borosil', 1595, 4, 53);
62
63 • INSERT INTO `product` (`id`, `descr`, `photo`, `pname`, `price`, `cat_id`, `stocks`) VALUES
64 (14,'shirt', 'assets/images/products/fashion/f1.webp', 'indo', 1400, 2, 56),
65 (15,'shoes', 'assets/images/products/fashion/f2.webp', 'redtap', 1700, 2, 6),
66 (16,'tshirt', 'assets/images/products/fashion/f3.webp', 'Hrx', 2000, 2, 58),
```

Context Help Snippets

Query Completed

# S3 Buckets

The screenshot shows the AWS S3 Management console interface. The top navigation bar includes links for WhatsApp, Meet, AWS lab, AWS (Hands-on), S3 Management, ShopForHome, and other browser tabs. The main search bar contains the URL s3.console.aws.amazon.com/s3/buckets?region=us-east-1&region=us-east-1. The sidebar on the left lists options like 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, and AWS Organizations settings. The central content area features an 'Account snapshot' section with a 'View Storage Lens dashboard' button. Below it is a 'Buckets (1) Info' section with a table showing one bucket:

Name	AWS Region	Access	Creation date
c3g7shopforhome	US East (N. Virginia) us-east-1	Public	August 23, 2022, 10:15:08 (UTC+05:30)

At the bottom, there are footer links for Unified Settings, Copyright notice (© 2022, Amazon Internet Services Private Ltd. or its affiliates.), Privacy, Terms, and Cookie preferences.

WhatsApp | Meet - mf | AWS lab: Prog | AWS ( Hands- | c3g7shopforhome | ShopForHome | + | - | X

← → C s3.console.aws.amazon.com/s3/buckets/c3g7shopforhome?region=us-east-1&tab=objects

Gmail Translate Dashboard - Great... Communication sit... Microsoft Office Ho... @Frontlinesmedia J... AWS Console - Sign... wipro\_12july/Stude... »

aws Services Search for services, features, blogs, docs, a. [Alt+S] Global ▾ greatlearningco1661229448565 @ 2219-4524-1219 ▾

## Objects (8)

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](#)

Find objects by prefix

<input type="checkbox"/>	Name	Type	Last modified	Size	Storage class
<input type="checkbox"/>	<a href="#">3rdpartylicenses.txt</a>	txt	August 23, 2022, 11:11:51 (UTC+05:30)	13.8 KB	Standard
<input type="checkbox"/>	<a href="#">assets/</a>	Folder	-	-	-
<input type="checkbox"/>	<a href="#">favicon.ico</a>	ico	August 23, 2022, 11:11:52 (UTC+05:30)	948.0 B	Standard
<input type="checkbox"/>	<a href="#">index.html</a>	html	August 23, 2022, 11:11:54 (UTC+05:30)	2.0 KB	Standard
<input type="checkbox"/>	<a href="#">main.8a860fd98f94adf1.js</a>	js	August 23, 2022, 11:11:58 (UTC+05:30)	400.1 KB	Standard
<input type="checkbox"/>	<a href="#">polyfills.76cf49415faf6599.js</a>	js	August 23, 2022, 11:12:00 (UTC+05:30)	33.1 KB	Standard

Feedback

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

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Privacy

Terms

Cookie preferences

Activate Windows  
Standard  
Go to Settings to activate Windows.

The screenshot shows the AWS EC2 Instances page with three running instances listed:

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone
Database	i-Occccae9025265705e	Running	t2.micro	2/2 checks passed	No alarms	us-east-1c
Frontend	i-0d6632cd45b935963	Running	t2.micro	2/2 checks passed	No alarms	us-east-1c
Backend	i-0584d84f36c46cca5	Running	t2.micro	2/2 checks passed	No alarms	us-east-1c

A modal window titled "Select an instance" is open, listing the same three instances: Database, Frontend, and Backend.

# Conclusion

- Technology has made significant progress over the years to provide consumers a better online shopping experience and will continue to do so for years to come.
- With the rapid growth of products and brands, people have speculated that online shopping will overtake in-store shopping.
- However, the availability of online shopping has produced a more educated consumer that can shop around with relative ease without having to spend a large amount of time.



A central dark blue circle contains the text "Thank You" in a white, cursive font. The background features abstract, flowing lines in orange, white, and blue, set against a light beige background with a thin green border.

Thank You