

# CAPSTONE PROJECT “SHOP FOR HOME”

**JAA And AWS C III**

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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 aim is 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

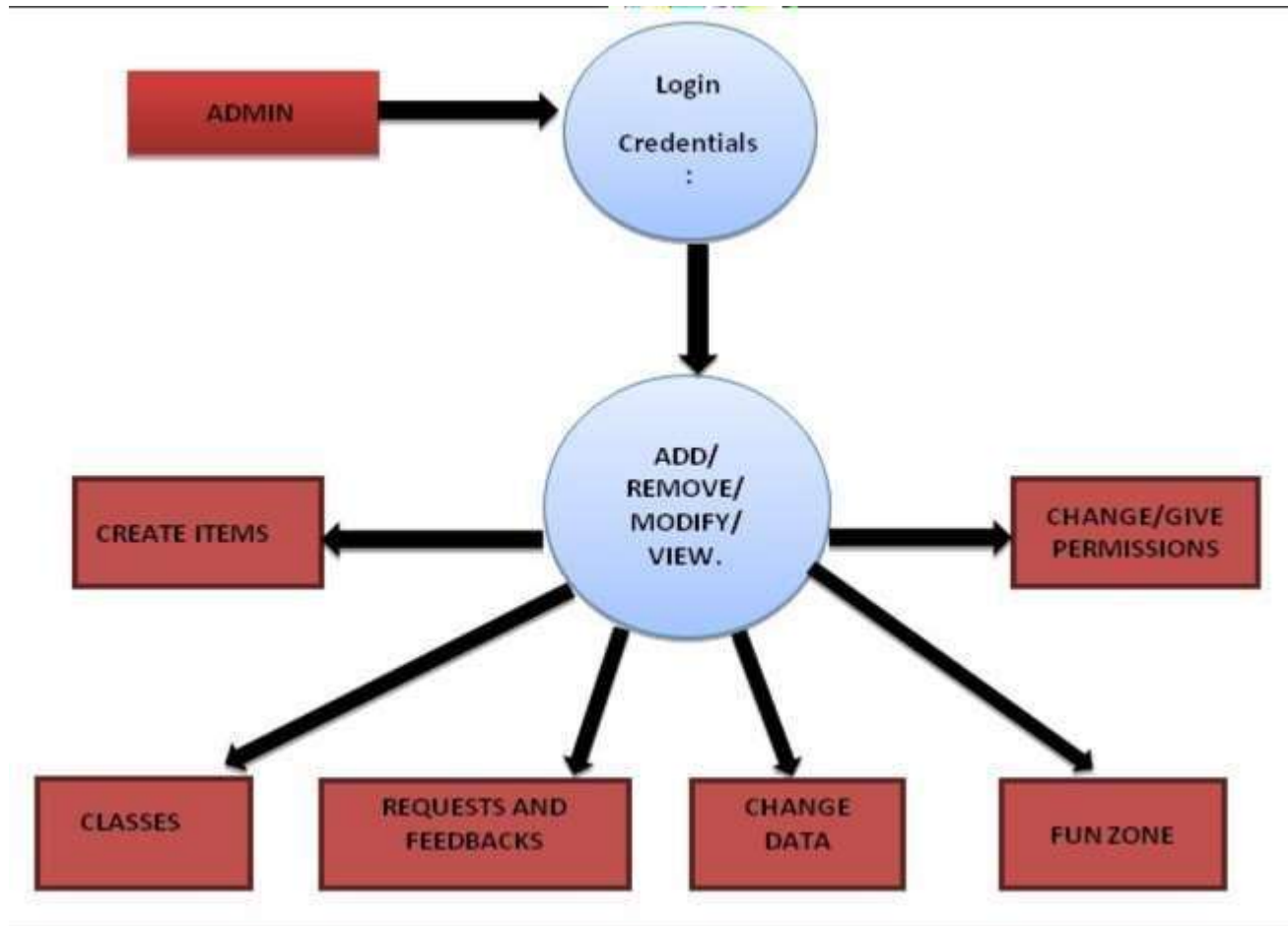
- Angular - Frontend
- Database – MySQL And XAMPP
- Java(Eclipse) and Spring boot - Backend
- AWS Services
- IDE- Visual Studio Code , Eclipse.
- Versioning: GitHub



# The admin does the following activities:

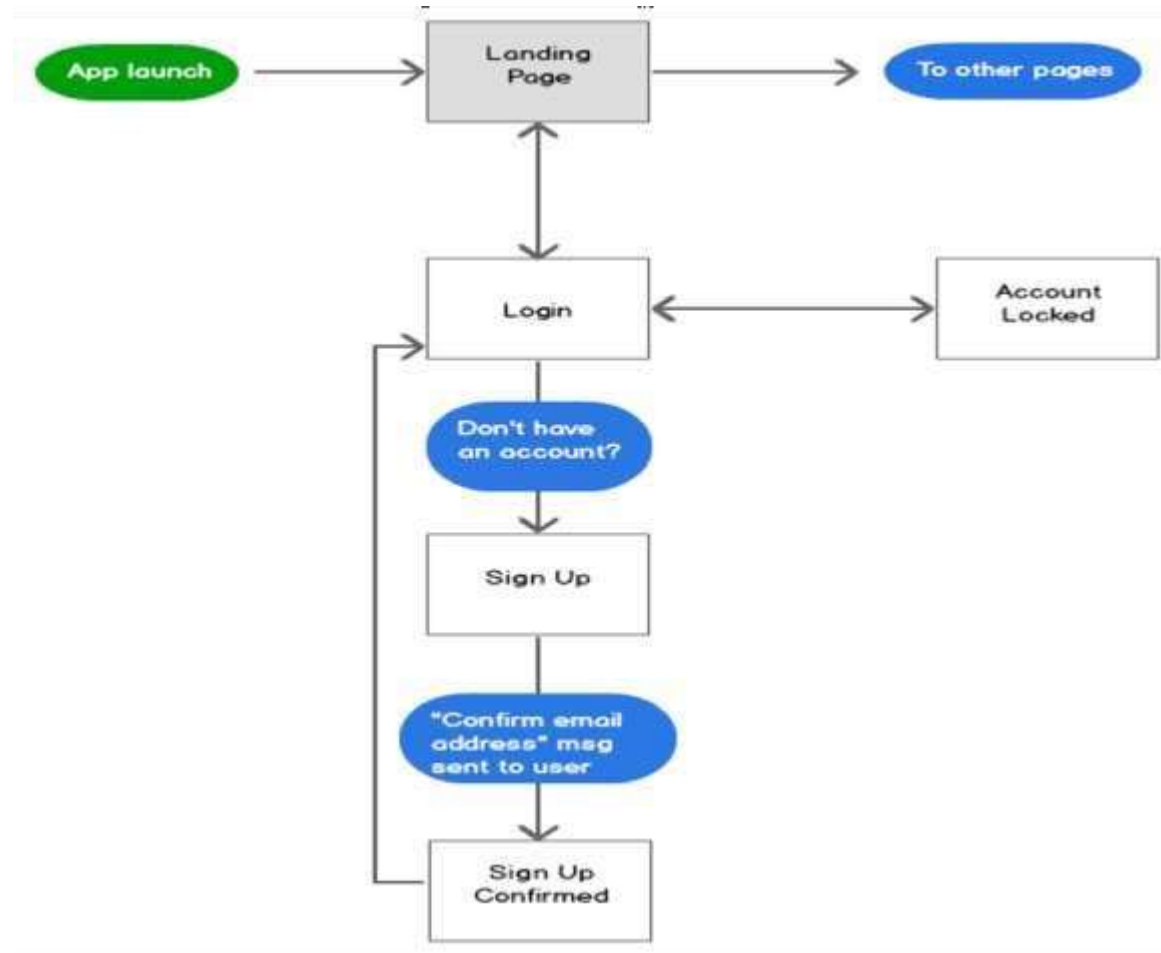
- Manages the product
- Manages the order
- Manages the user
- Manages the items



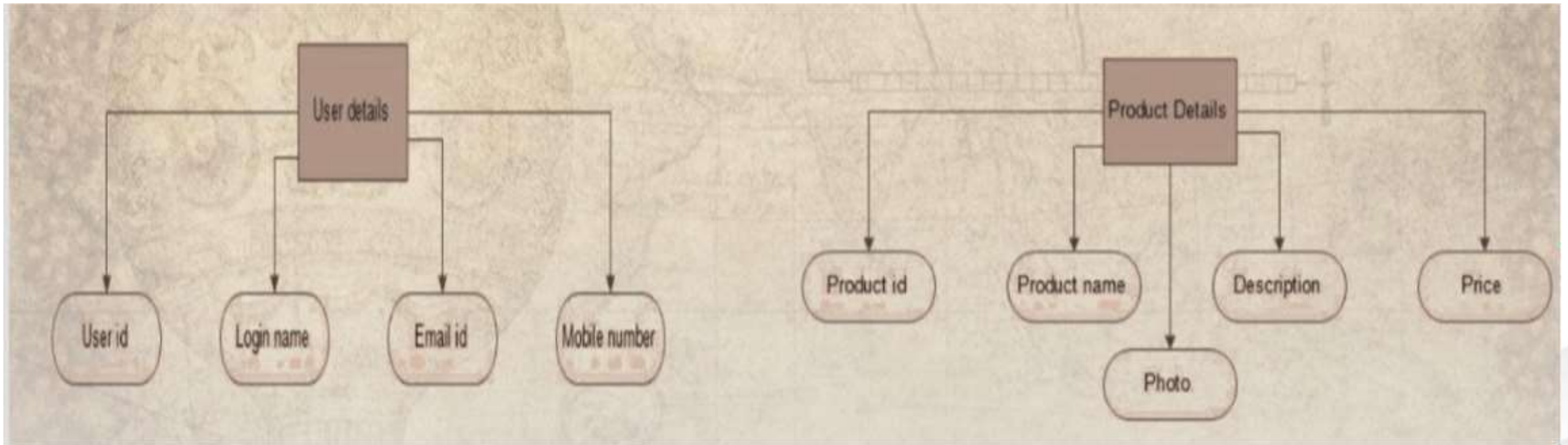




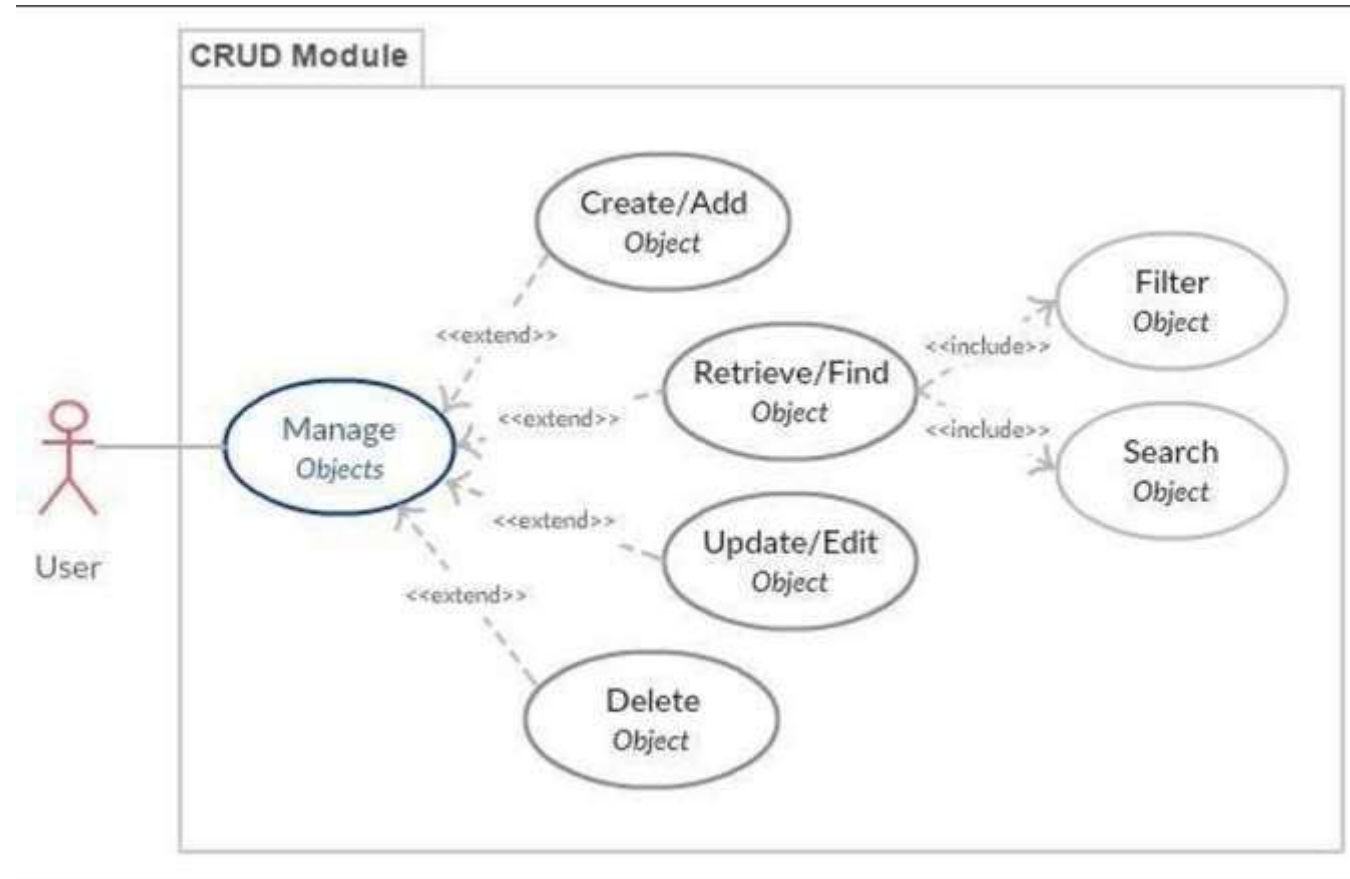
# The login page of the user contains the following attributes



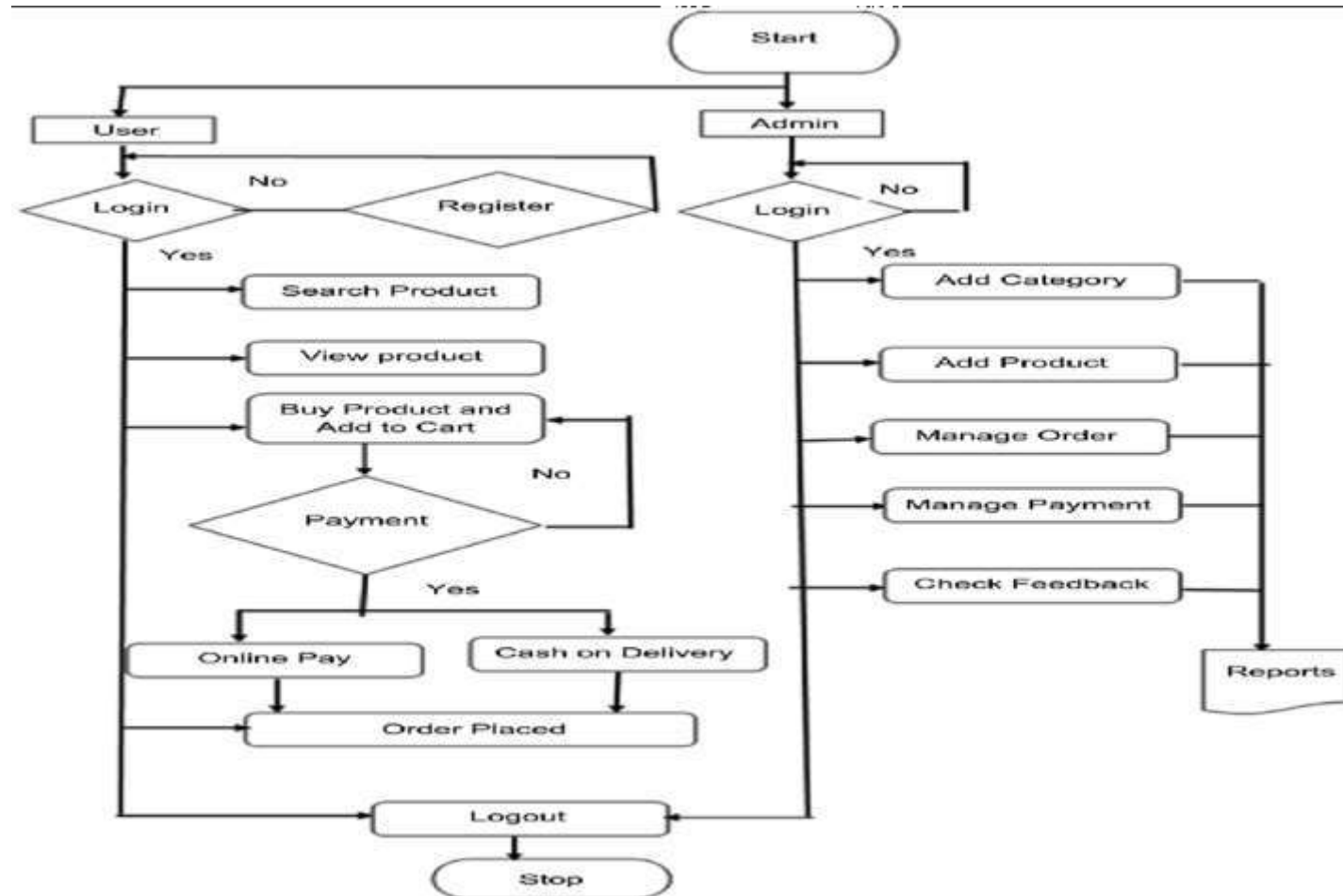
# User and product details of a particular user:



# The manage product module do the CRUD operations



# overall view

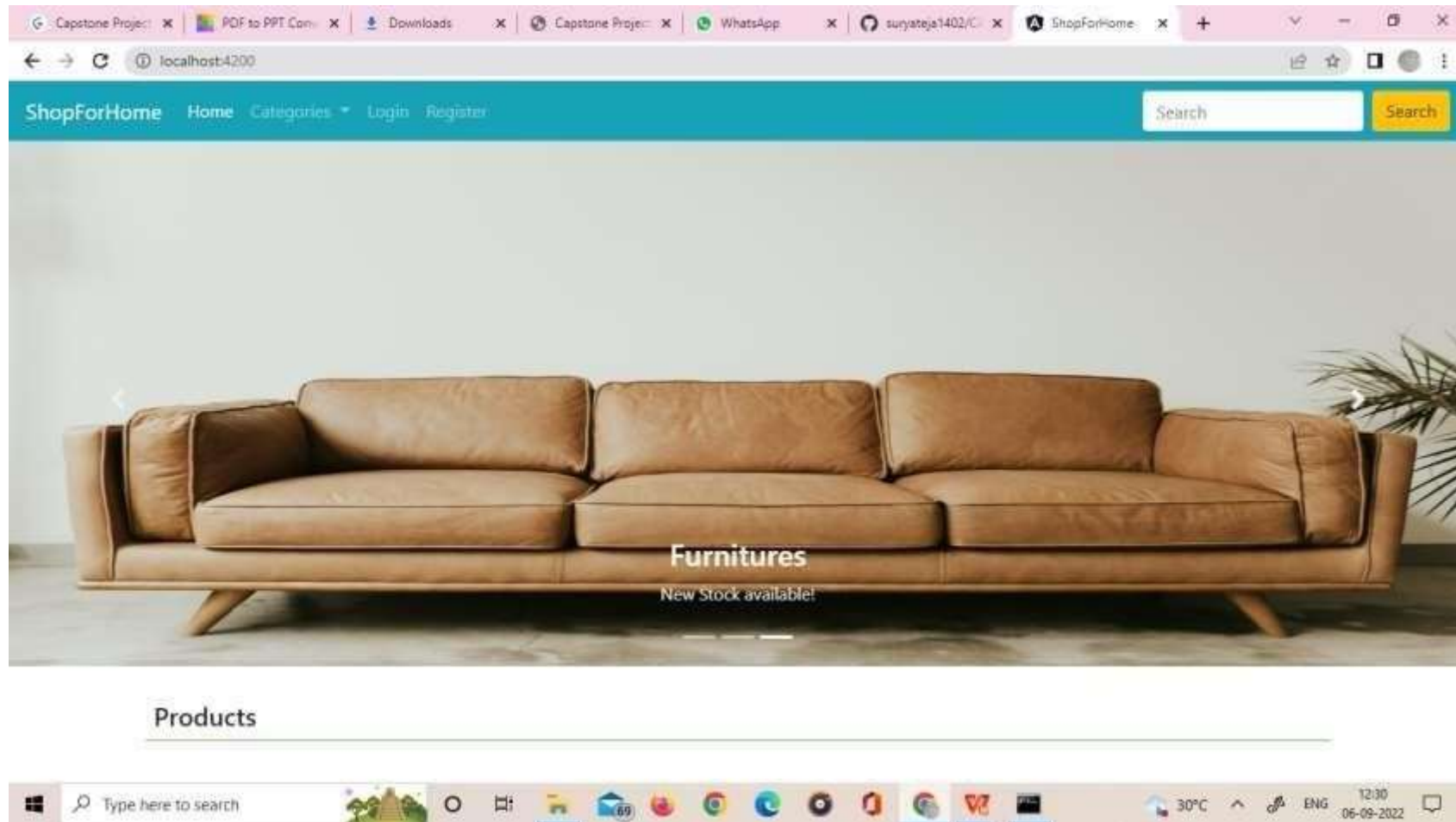


# User stories

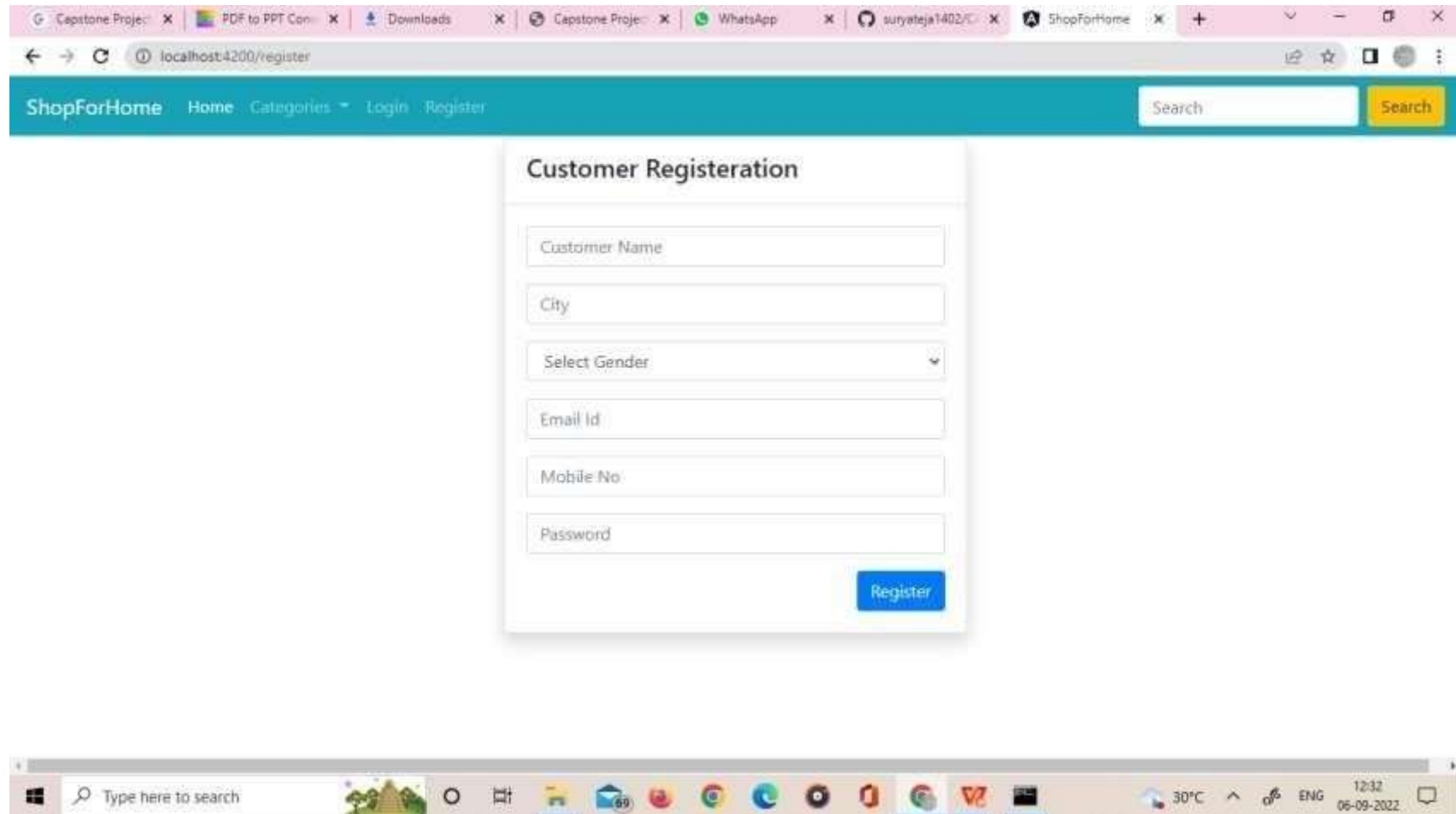
- User can able to Login, Logout and Register into theApplication.
- User can be able to see the Products in different categories.
- The user can also be able to sort the products.
- User can be able to add the products into the shopping cart.
- User can be able to increase or decrease the quantity added 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.



# HOME PAGE



# CUSTOMER REGISTRATION



The screenshot displays a web browser window with the URL `localhost:4200/register`. The browser's tab bar shows several open tabs, including 'Capstone Project', 'PDF to PPT Converter', 'Downloads', 'WhatsApp', 'suryateja1402/C...', and 'ShopForHome'. The website's header is teal and contains the 'ShopForHome' logo, navigation links for 'Home', 'Categories', 'Login', and 'Register', a search bar, and a yellow 'Search' button. The main content area features a 'Customer Registration' form with the following fields: 'Customer Name', 'City', 'Select Gender' (a dropdown menu), 'Email Id', 'Mobile No.', and 'Password'. A blue 'Register' button is positioned at the bottom right of the form. The Windows taskbar at the bottom of the screen shows the search bar, various application icons, and system information including the temperature (30°C), language (ENG), and date/time (12:32, 06-09-2022).

ShopForHome Home Categories Login Register Search Search

### Customer Registration

Customer Name

City

Select Gender

Email Id

Mobile No.

Password

Register

# CATEGORIES

ShopForHome		Home	Categories ▾	Profile	Order History	Wishlist	View Cart	Logout	Search	Search
Name	electronics	Prasad								
Address	fashion	ipeta								
Gender	grocery									
	kitchen									
Email Id	dp@gmail.com									
Phone no	9866567475									

Activate Windows  
Go to Settings to activate Windows.



# USER LOGIN

The screenshot displays a web application interface for 'ShopForHome'. The browser's address bar indicates the URL is `localhost:4200/login`. The page features a teal header bar with the following elements:

- Navigation links: [ShopForHome](#), [Home](#), [Categories](#) (with a dropdown arrow), [Login](#), and [Register](#).
- A search bar with the placeholder text 'Search' and a yellow 'Search' button.

The main content area has a light blue background. Centered on this background is a white box titled 'Customer Login'. Inside this box, there are two input fields:

- A text input field labeled 'User Id'.
- A password input field labeled 'Password'.



Below these fields is a prominent blue button labeled 'Sign In'.

The bottom of the image shows the Windows taskbar with the search bar, several application icons, and a system tray displaying the temperature (30°C), language (ENG), and date/time (12:33, 06-09-2022).

# ADD TO CART

[ShopForHome](#) [Home](#) [Categories](#) [Profile](#) [Order History](#) [Wishlist](#) [View Cart](#) [Logout](#)

### My Cart

Product	Price	Qty	Amount	Action
 <b>samsung</b> (electronics)	10000	<input type="button" value="-"/> 1 <input data-bbox="988 611 1031 654" type="button" value="+"/>	10000	<input type="button" value="Remove"/>
 <b>Butterfly</b> (kitchen)	3099	<input type="button" value="-"/> 1 <input data-bbox="988 925 1031 968" type="button" value="+"/>	3099	<input type="button" value="Remove"/>
<b>Total</b>				<b>13099</b>

#### Check Out

Card No

Name on Card

Expiry Date

Amount

Activate Windows  
Go to Settings to activate Windows.

# WISHLIST

ShopForHome [Home](#) [Categories](#) [Profile](#) [Order History](#) [Wishlist](#) [View Cart](#) [Logout](#)

## My Wishlist

Product	Category	Description	Price	Action
 libas	fashion	kurta	1800	<a href="#">Remove</a>
 fossil	fashion	watch	25400	<a href="#">Remove</a>

Activate Windows  
Go to Settings to activate Windows.

# ADMIN STORIES

- Admin can 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

**ShopForHome** [Home](#) [Categories](#) [Profile](#) [Order History](#) [Wishlist](#) [View Cart](#) [Logout](#)





### Admin Login

Activate Windows  
Go to Settings to activate Windows.

# Adding product & Bulk Upload

**ShopForHome**   [Home](#)   [Dashboard](#)   [Categories](#)   [Products](#)   [Orders](#)   [Users](#)   [Logout](#)

## Products

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

### Add Product

Product Name

Category

Description

No. Of Stocks

Price

Go to Settings to activate Windows.

Product Name

# Email for Stock

## Email For Stocks

### Orders Form

Name
Email
Mobile Number
Subject
Message

Submit Form

Activate Windows  
Go to Settings to activate Windows.



# CATEGORIES

ShopForHome Home Dashboard Categories Products Orders Users Logout

## Categories

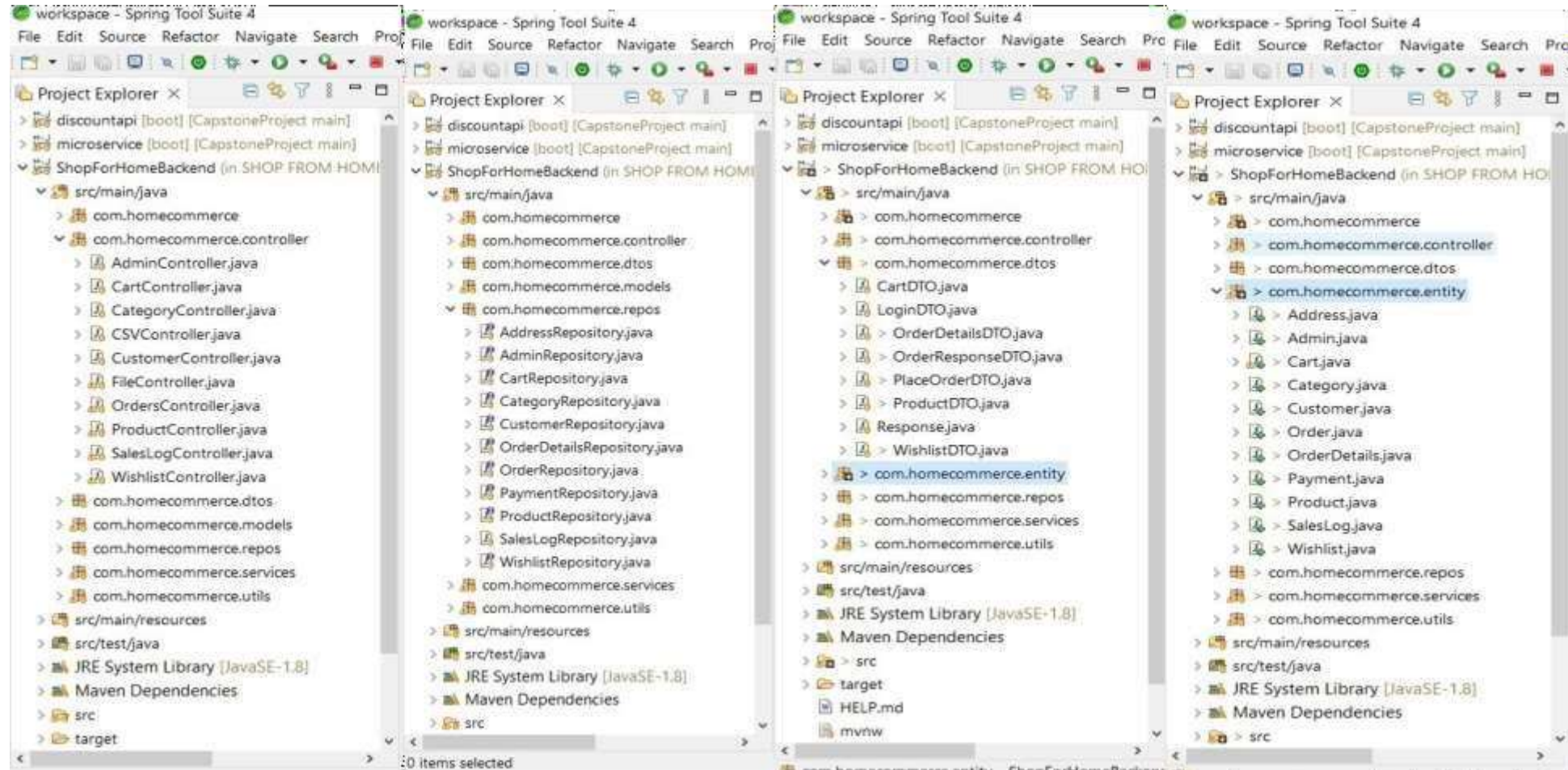
Category Id	Category Name	Action
1	electronics	<input type="button" value="Delete"/>
2	fashion	<input type="button" value="Delete"/>
3	grocery	<input type="button" value="Delete"/>
4	kitchen	<input type="button" value="Delete"/>

Category Name

Activate Windows  
Go to Settings to activate Windows.



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



# My SQL database

The screenshot displays the MySQL Workbench interface. On the left, the 'SCHEMAS' pane shows a tree view with 'shopforhome' selected, containing tables like 'address', 'admin', 'cart', 'category', 'customer', 'orderdetails', 'orders', 'payments', 'product', 'saleslog', and 'wishlist'. The main editor shows a SQL query with two INSERT statements. The first statement inserts data into the 'product' table for various kitchen appliances. The second statement inserts data into the 'product' table for fashion items. The 'Output' pane at the bottom shows a message: 'DROP DATABASE 'shopforhome''.

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

shopforhome

Tables

address

admin

cart

category

customer

orderdetails

orders

payments

product

saleslog

wishlist

Views

Stored Procedures

Functions

sys

world

Administration Schemas

Information

No object selected

Object Info Session

Query Completed

productdata\*

Link to 1000 rows

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', 3000, 4, 50);

51 (38,'Micro Oven', 'assets/images/products/kitchen/k3.jpg', 'Samsung', 11000, 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', 'Deman', 900, 4, 234);

57 (44,'knives', 'assets/images/products/kitchen/k9.webp', 'Pigeon', 300, 4, 432);

58 (45,'Egg Cooker', 'assets/images/products/kitchen/k10.jpg', 'Kent', 1349, 4, 135);

59 (46,'Coffee Bean Grinder', 'assets/images/products/kitchen/k11.jpg', 'InstaCupps', 2400, 4, 55);

60 (47,'Juicer', 'assets/images/products/kitchen/k12.jpg', 'Philips', 8899, 4, 75);

61 (48,'Kettle', 'assets/images/products/kitchen/k13.jpg', 'Borosil', 1555, 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, 50);

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, 50);

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

Context Help Snippets

Activate Windows

Go to Settings to activate Windows

Duration / Fetch 14.060 sec

Message 7 row(s) affected

Action Output

Time Action

12:27:10 DROP DATABASE 'shopforhome'

# 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.

