

**GROUP :- 1**

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**CAPSTONE PROJECT : SHOP FOR HOME**



# PROBLEM STATEMENT

**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: -

1. User
2. Admin

# 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 home décor stuff.
- ▶ •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

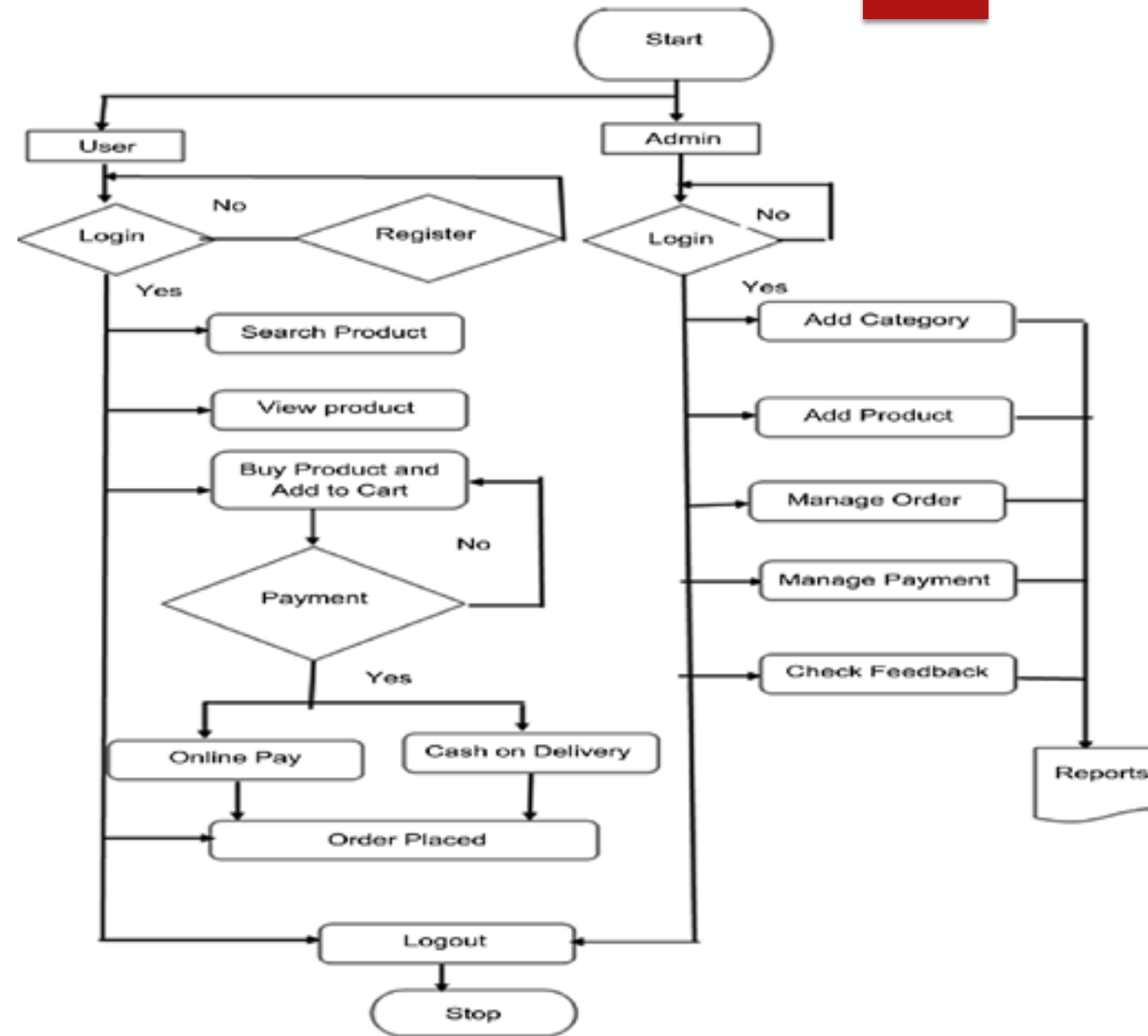
- ▶ •This project aims to develop an online shopping for customers with the goal so that it is very easy to shop their loved things virtually without going to any store from their home
- ▶ •The objective of the project is to make an application in android platform to purchase items in an existing shop.
- ▶ •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.

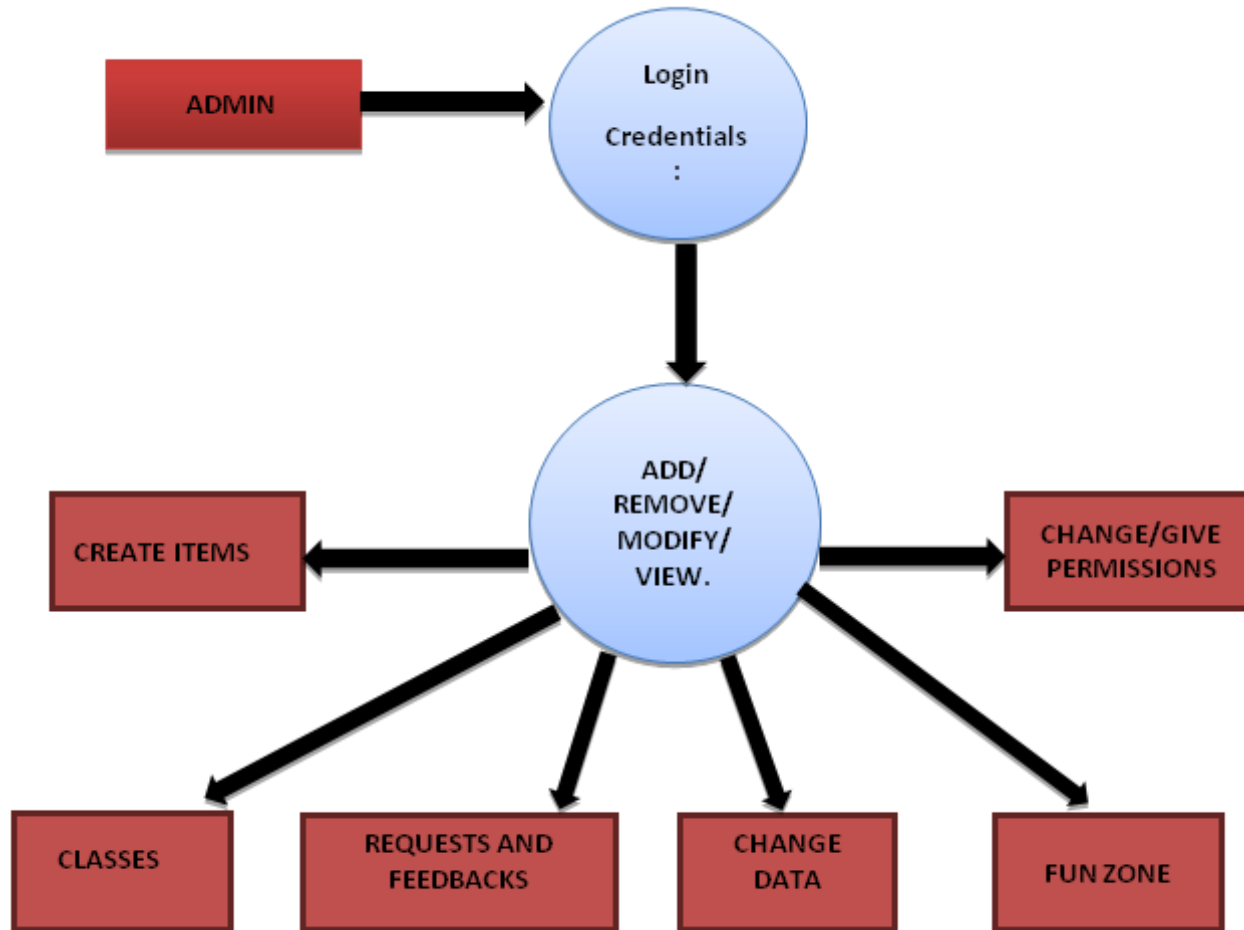
# Technologies Used

- ▶ • Angular - Frontend
- ▶ • Database - MySQL Workbench
- ▶ • Java(Eclipse) and Spring boot - Backend

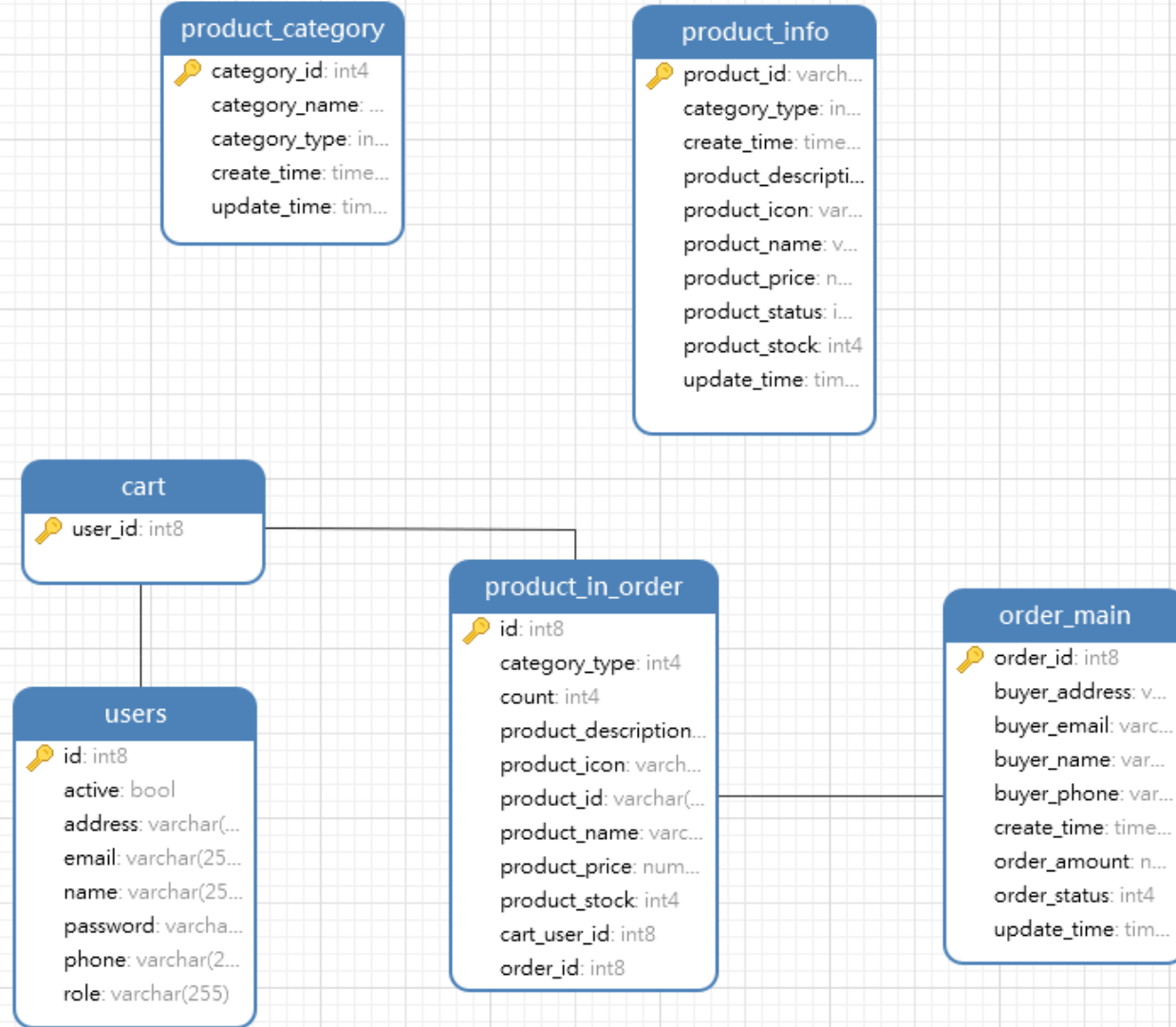
# Flow Diagram

►The overall view of a project:



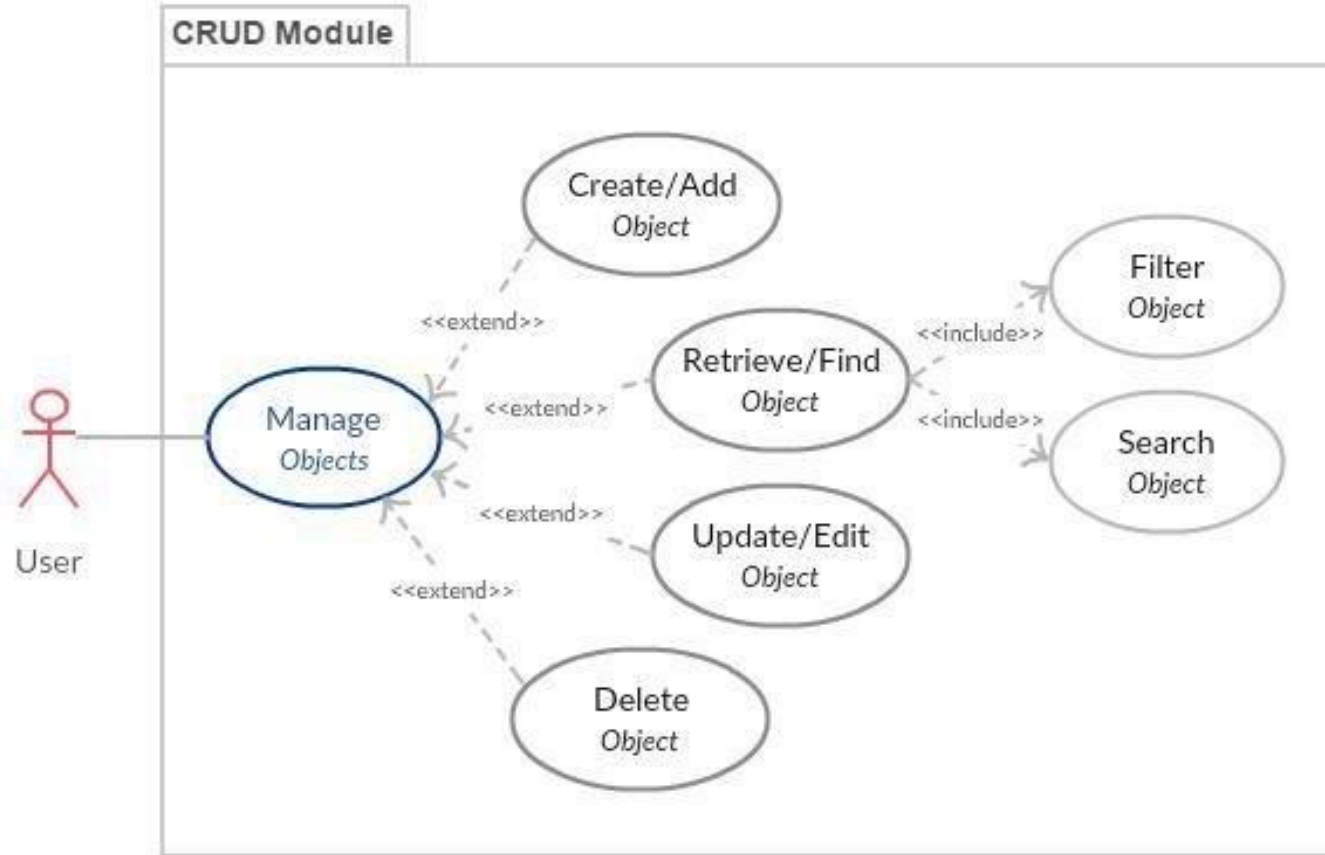


# Admin Activity



# Database Schema





# CRUD Operations



The login page of the user contains the following attributes

# 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

# HOME PAGE(USER)

The screenshot displays a web browser window with the address bar showing 'localhost:4200/product'. The page features a dark navigation bar with the shop name 'Shop-For-Home' and links for 'Toy', 'Watch', 'Furniture', and 'Shoes'. On the right of the navigation bar are links for 'Cart', 'Sign In', and 'Sign Up'. Below the navigation bar is a large white banner with the text 'Get Whatever You Want!'. Underneath the banner is a search bar with the placeholder text 'Search any product...'. The main content area displays three product cards. The first card is for 'Basketball Shoes' (Black), with a description 'Basketball Shoes For Men (Black)', a price of '\$3,000.00', and a stock of 40. The second card is for 'Tennis Shoes' (Ray 2.0), with a description 'Ray 2.0 Tennis Shoes For Men', a price of '\$1,000.00', and a stock of 73. The third card is for 'Casual Shoes' (Walking Shoes For Men (Grey)), with a description 'Walking Shoes For Men (Grey)', a price of '\$700.00', and a stock of 19. Each card has a 'Get It!' button. The bottom of the browser window shows a Windows taskbar with various application icons and a system tray displaying the temperature (33°C), weather (Mostly sunny), and the date and time (05:51 PM, 25-07-2022).

Shop-For-Home Toy Watch Furniture Shoes Cart Sign In Sign Up

Get Whatever You Want!

Great Learning Search any product...

**Basketball Shoes**  
Description: Basketball Shoes For Men (Black)  
Price: \$3,000.00  
Stock: 40  
Get It!

**Tennis Shoes**  
Description: Ray 2.0 Tennis Shoes For Men  
Price: \$1,000.00  
Stock: 73  
Get It!

**Casual Shoes**  
Description: Walking Shoes For Men (Grey)  
Price: \$700.00  
Stock: 19  
Get It!

33°C Mostly sunny 05:51 PM 25-07-2022



# CATEGORIES

Shop


localhost:4200/category/1


Shop-For-Home

Toy Watch Furniture Shoes

Cart Wishlist Orders Puneet Iodha Sign Out

## Watch






**Top watch collections**

**Description:** Top 10 Branded Watches in India

**Price:** \$5,000.00

**Stock:** 22

Get It!




**Titan Watch**

**Description:** Neo Splash Blue Dial Stainless Steel Strap Watch

**Price:** \$4,000.00

**Stock:** 10

Get It!



**Gshock Watch**

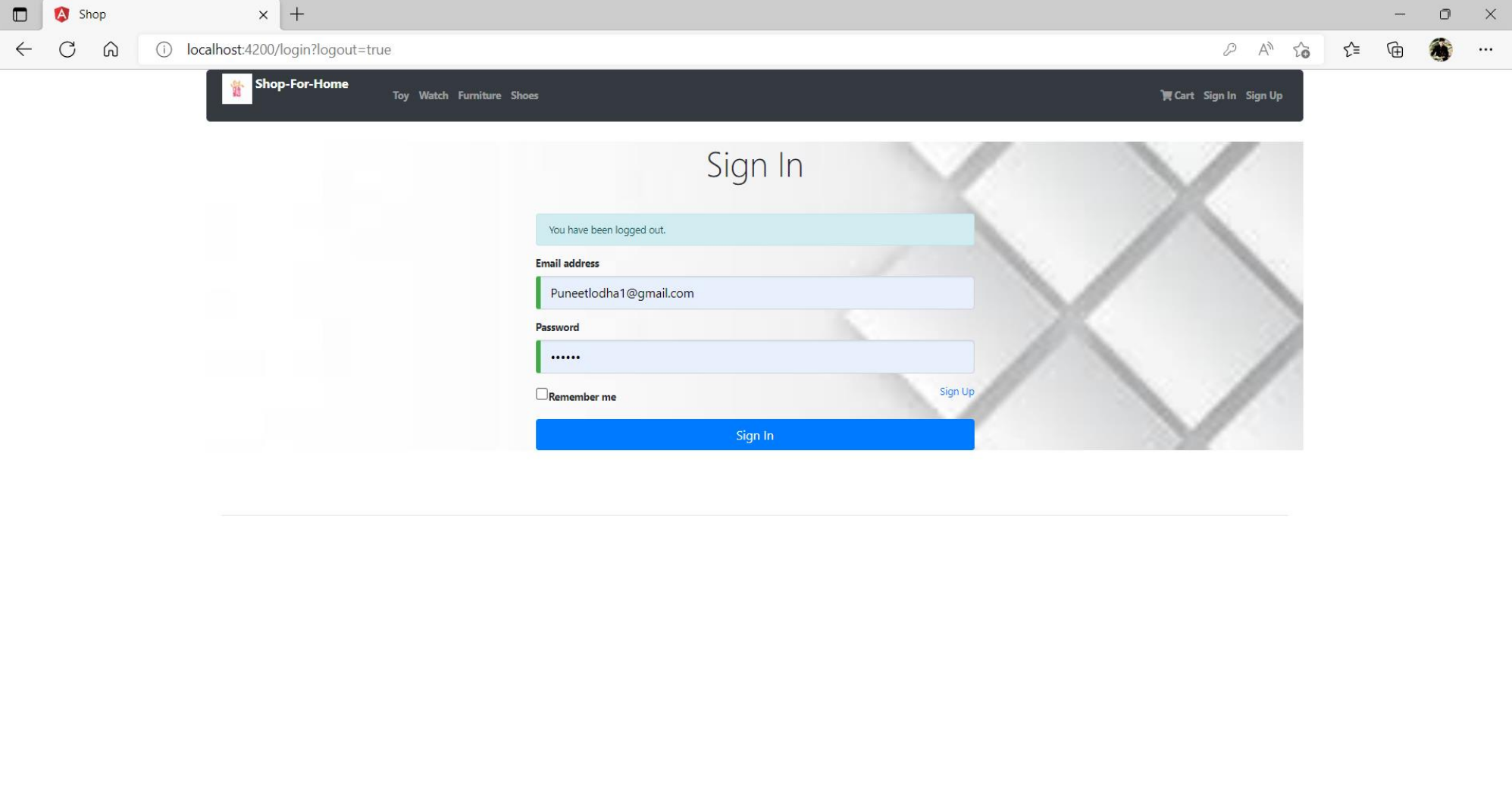
**Description:** Casio G-Shock Analog-Digital Multi-Color Dial Men

**Price:** \$2,000.00

**Stock:** 50

Get It!

# User Login



The screenshot shows a web browser window with the address bar displaying `localhost:4200/login?logout=true`. The page features a dark header for 'Shop-For-Home' with navigation links for 'Toy', 'Watch', 'Furniture', and 'Shoes', and a shopping cart icon. The main content area is titled 'Sign In' and includes a message 'You have been logged out.' Below this are input fields for 'Email address' (containing 'Puneetlodha1@gmail.com') and 'Password' (masked with dots). A 'Remember me' checkbox and a 'Sign Up' link are also present. A prominent blue 'Sign In' button is at the bottom of the form.

Shop

localhost:4200/login?logout=true

Shop-For-Home Toy Watch Furniture Shoes

Cart Sign In Sign Up

## Sign In

You have been logged out.

Email address

Puneetlodha1@gmail.com

Password

.....

☐ Remember me [Sign Up](#)

Sign In



# ADD TO CART

Shop Shop Ecommerce Frontend Shop

localhost:4200/product

E-Shop Categories


Cart Sign In Sign Up

Toy  
Watch  
Furniture  
Shoes

Get Whatever You Want!

Great Learning

Search any product...




**Basketball Shoes**

Description: Basketball Shoes For Men (Black)

Price: \$3,000.00

Stock: 40




**Tennis Shoes**

Description: Ray 2.0 Tennis Shoes For Men

Price: \$1,000.00

Stock: 73

Get It!



**Casual Shoes**

Description: Walking Shoes For Men (Grey)

Price: \$700.00

Stock: 19

Get It!

localhost:4200/#

33°C Mostly sunny

07:40 PM 25-07-2022



# USER PROFILE

The screenshot displays a web browser window with three tabs, all labeled 'Shop'. The active tab shows the URL 'localhost:4200/profile'. The browser's address bar includes navigation icons (back, forward, home) and utility icons (search, volume, network, battery). The page header features the 'E-Shop' logo, a 'Categories' dropdown, and navigation links for 'Cart', 'Wishlist', 'Orders', 'Puneet lodha', and 'Sign Out'. The main content area is titled 'Edit Profiles' and contains the following form fields:

- Email address:** puneetlodha1@gmail.com
- Name:** Puneet lodha
- Password:** Password
- Phone:** 8107435359
- Address:** Rajasthan

An 'Update' button is located at the bottom of the form. The Windows taskbar at the bottom shows the system clock as 07:43 PM on 25-07-2022, along with weather information (33°C, Mostly sunny) and various application icons.

# WISHLIST

Shop

Shop

Shop

+

localhost:4200/wishlist

🔍

A


☆

☆

🔖

👤

⋮

 E-Shop

Categories ▾

🛒 Cart



Wishlist


☰ Orders


Puneet Iodha

Sign Out

## My WishList

Photo	ID	Name	Price	Action
	WS002	<a href="#">Titan Watch</a>	\$4,000.00	<a href="#">Remove</a>
	PA003	<a href="#">Swing Chair</a>	\$3,000.00	<a href="#">Remove</a>

 33°C  
Mostly sunny



ENG  
IN

07:44 PM  
25-07-2022

3

# USER ORDER HISTORY

**E-Shop** Categories ▾ [Cart](#) [Wishlist](#) [Orders](#) [Puneet lodha](#) [Sign Out](#)

## Orders

Order #	Customer Name	Customer Email	Customer phone	Shipping Address	Total	Order Data	Status	Action
11	Puneet lodha	Puneetlodha1@gmail.com	8107435359	Rajasthan	\$2,700.00	Jul 25, 2022	New	<a href="#">Show</a> <a href="#">Cancel</a>
8	Puneet lodha	Puneetlodha1@gmail.com	8107435359	Rajasthan	\$1,000.00	Jul 22, 2022	New	<a href="#">Show</a> <a href="#">Cancel</a>
6	Puneet lodha	Puneetlodha1@gmail.com	8107435359	Rajasthan	\$3,000.00	Jul 22, 2022	New	<a href="#">Show</a> <a href="#">Cancel</a>
15	Puneet lodha	Puneetlodha1@gmail.com	8107435359	Rajasthan	\$5,700.00	Jul 25, 2022	Canceled	<a href="#">Show</a>

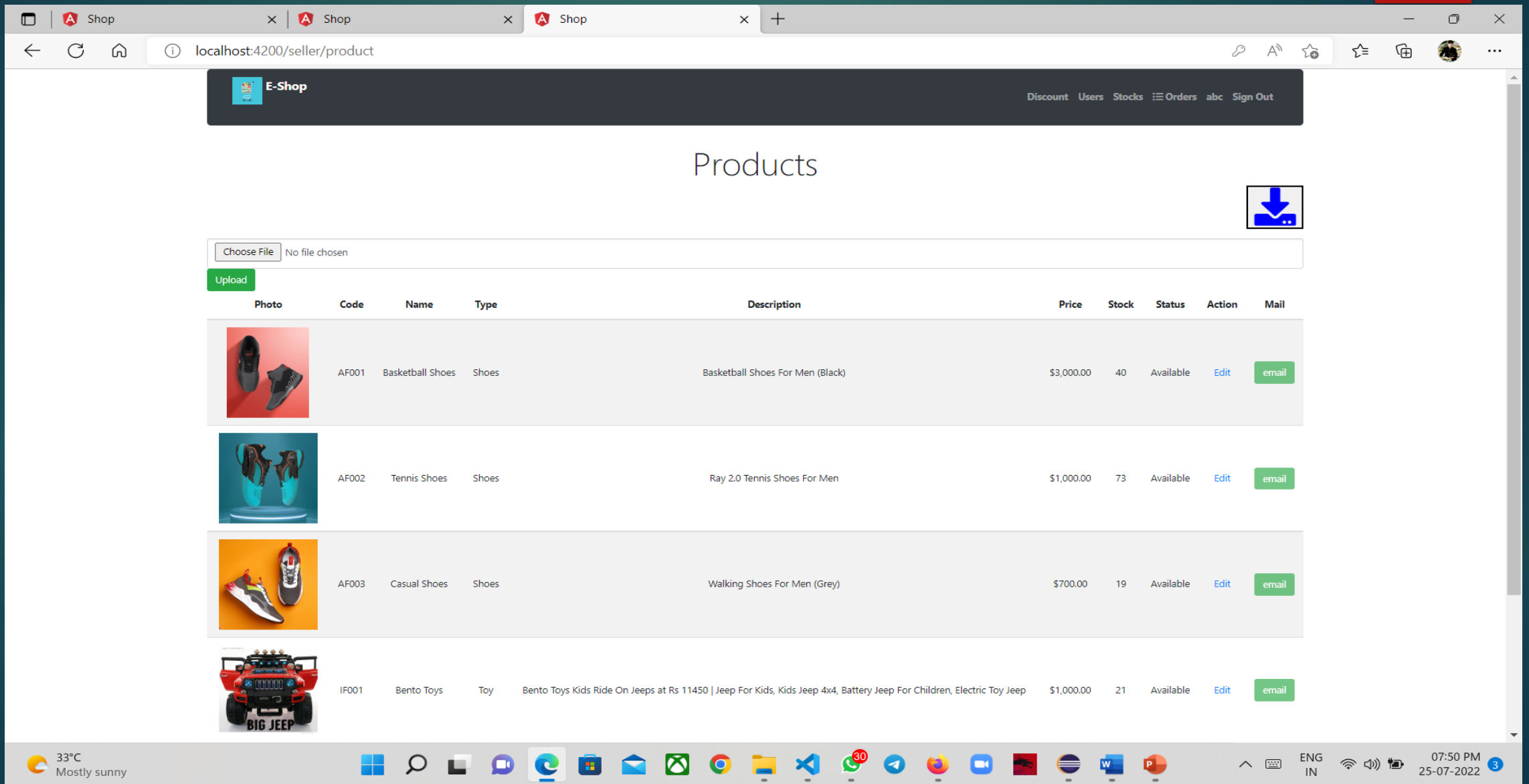
[Previous](#) **1** [Next](#)

33°C Mostly sunny 07:46 PM 25-07-2022

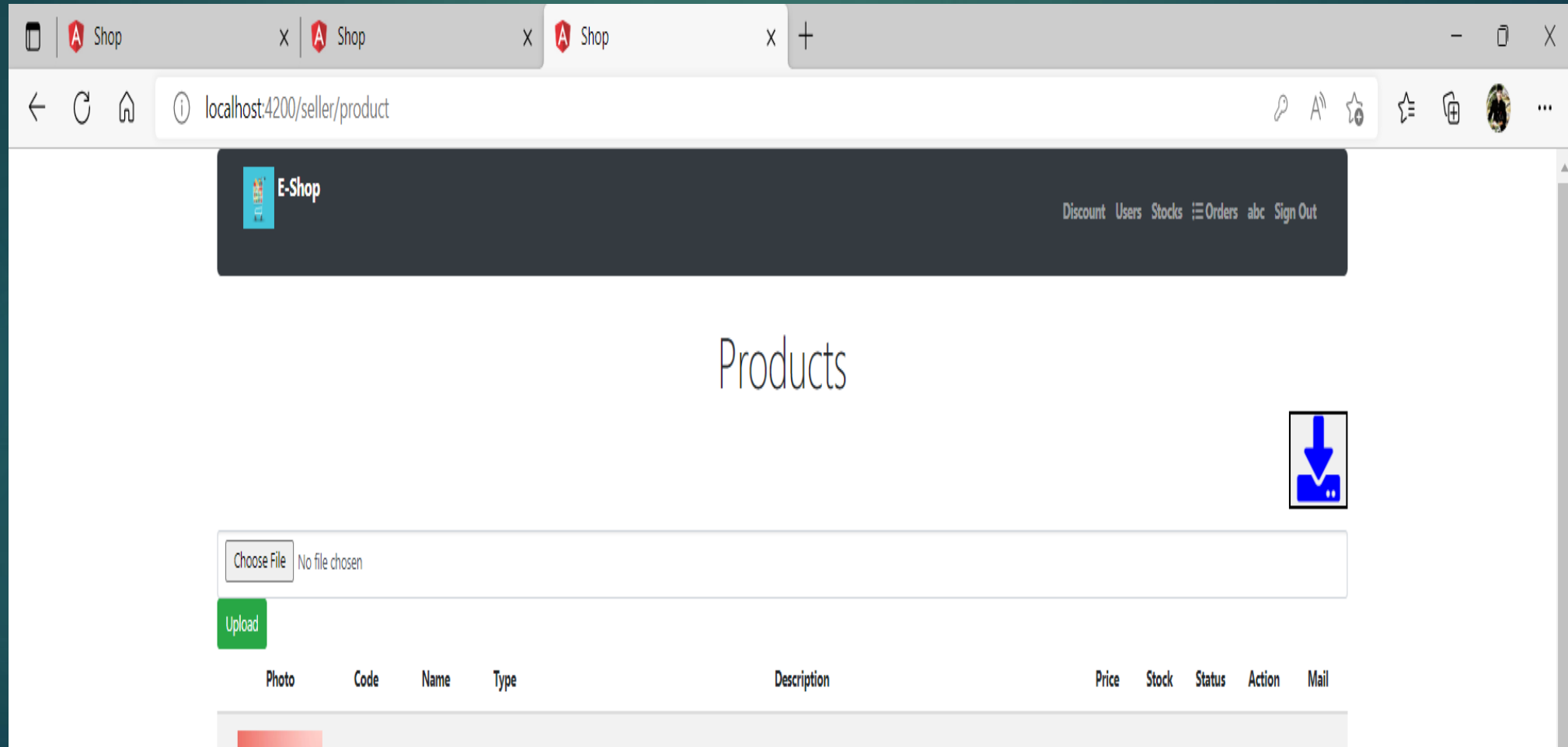
# Goal of Admin

- ▶ 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 Home



# CSV and Product list Download



# Discount Coupons

The screenshot displays a web browser window with three tabs, all labeled 'Shop'. The address bar shows 'localhost:4200/discount'. The application header is dark grey with the 'E-Shop' logo on the left and navigation links 'Discount', 'Users', 'Stocks', 'Orders', 'abc', and 'Sign Out' on the right. The main heading 'Coupons' is centered. Below it is a search bar with the placeholder 'Enter Some Text To Search'. A text input field labeled 'Enter coupon code' is followed by a green 'Add Coupon' button. A table lists existing coupons with columns 'Couponcode' and 'Action'. The table contains two entries: 'wow100' and 'punit5', each with a green 'Delete' button. At the bottom right of the table is a pagination control with 'Previous', '1' (highlighted), and 'Next' buttons. The Windows taskbar at the bottom shows the system clock as 07:53 PM on 25-07-2022, the language as 'ENG IN', and the weather as 33°C Mostly sunny.

Shop Shop Shop

localhost:4200/discount

E-Shop Discount Users Stocks Orders abc Sign Out

## Coupons

Search Enter Some Text To Search

Enter coupon code

Add Coupon

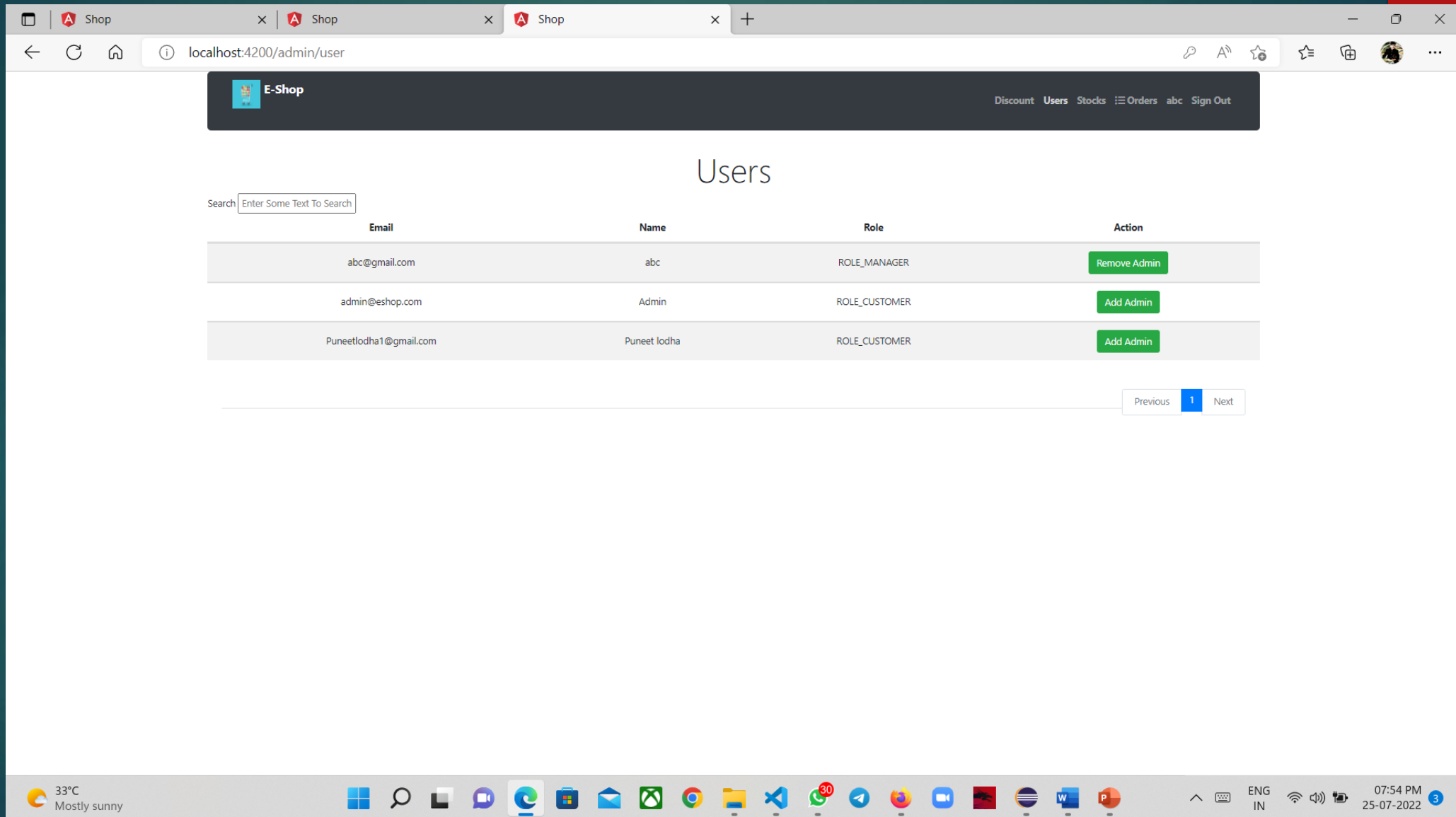
Couponcode	Action
wow100	Delete
punit5	Delete

Previous 1 Next

33°C Mostly sunny

07:53 PM 25-07-2022

# User Role



The screenshot displays a web browser window with three tabs, all labeled 'Shop'. The active tab shows the URL 'localhost:4200/admin/user'. The page header features the 'E-Shop' logo on the left and navigation links for 'Discount', 'Users', 'Stocks', 'Orders', 'abc', and 'Sign Out' on the right. The main content area is titled 'Users' and includes a search bar with the placeholder text 'Enter Some Text To Search'. Below the search bar is a table with the following data:

Email	Name	Role	Action
abc@gmail.com	abc	ROLE_MANAGER	<button>Remove Admin</button>
admin@eshop.com	Admin	ROLE_CUSTOMER	<button>Add Admin</button>
Puneetlodha1@gmail.com	Puneet lodha	ROLE_CUSTOMER	<button>Add Admin</button>

At the bottom of the table, there is a pagination control with 'Previous', '1' (highlighted), and 'Next' buttons. The Windows taskbar at the bottom shows the system clock at 07:54 PM on 25-07-2022, along with weather information (33°C, Mostly sunny) and various application icons.



The image is a screenshot of a web browser displaying an 'Orders' page for a website called 'E-Shop'. The browser's address bar shows 'localhost:4200/order'. The page has a dark header with the 'E-Shop' logo and navigation links: 'Discount', 'Users', 'Stocks', 'Orders' (active), 'abc', and 'Sign Out'. The main content area is titled 'Orders' and contains a table with the following data:

Order #	Customer Name	Customer Email	Customer phone	Shipping Address	Total	Order Data	Status	Action
11	Puneet lodha	Puneetlodha1@gmail.com	8107435359	Rajasthan	\$2,700.00	Jul 25, 2022	New	<a href="#">Show</a> <a href="#">Cancel</a> <a href="#">Finish</a>
8	Puneet lodha	Puneetlodha1@gmail.com	8107435359	Rajasthan	\$1,000.00	Jul 22, 2022	New	<a href="#">Show</a> <a href="#">Cancel</a> <a href="#">Finish</a>
6	Puneet lodha	Puneetlodha1@gmail.com	8107435359	Rajasthan	\$3,000.00	Jul 22, 2022	New	<a href="#">Show</a> <a href="#">Cancel</a> <a href="#">Finish</a>
15	Puneet lodha	Puneetlodha1@gmail.com	8107435359	Rajasthan	\$5,700.00	Jul 25, 2022	Canceled	<a href="#">Show</a>

Below the table is a pagination bar with 'Previous', '1' (selected), and 'Next' buttons. The browser's taskbar at the bottom shows the system clock as 07:55 PM on 25-07-2022, the temperature as 33°C, and the weather as 'Mostly sunny'. Various application icons are visible in the taskbar.

# 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.

**Thank You**