

WIPRO CAPSTONE PROJECT

C-III GROUP-11



“SHOP-FOR-HOME”



PRESENTED BY

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PROBLEM STATEMENT

Shop For Home is a popular store in the market for shopping the home decor 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.

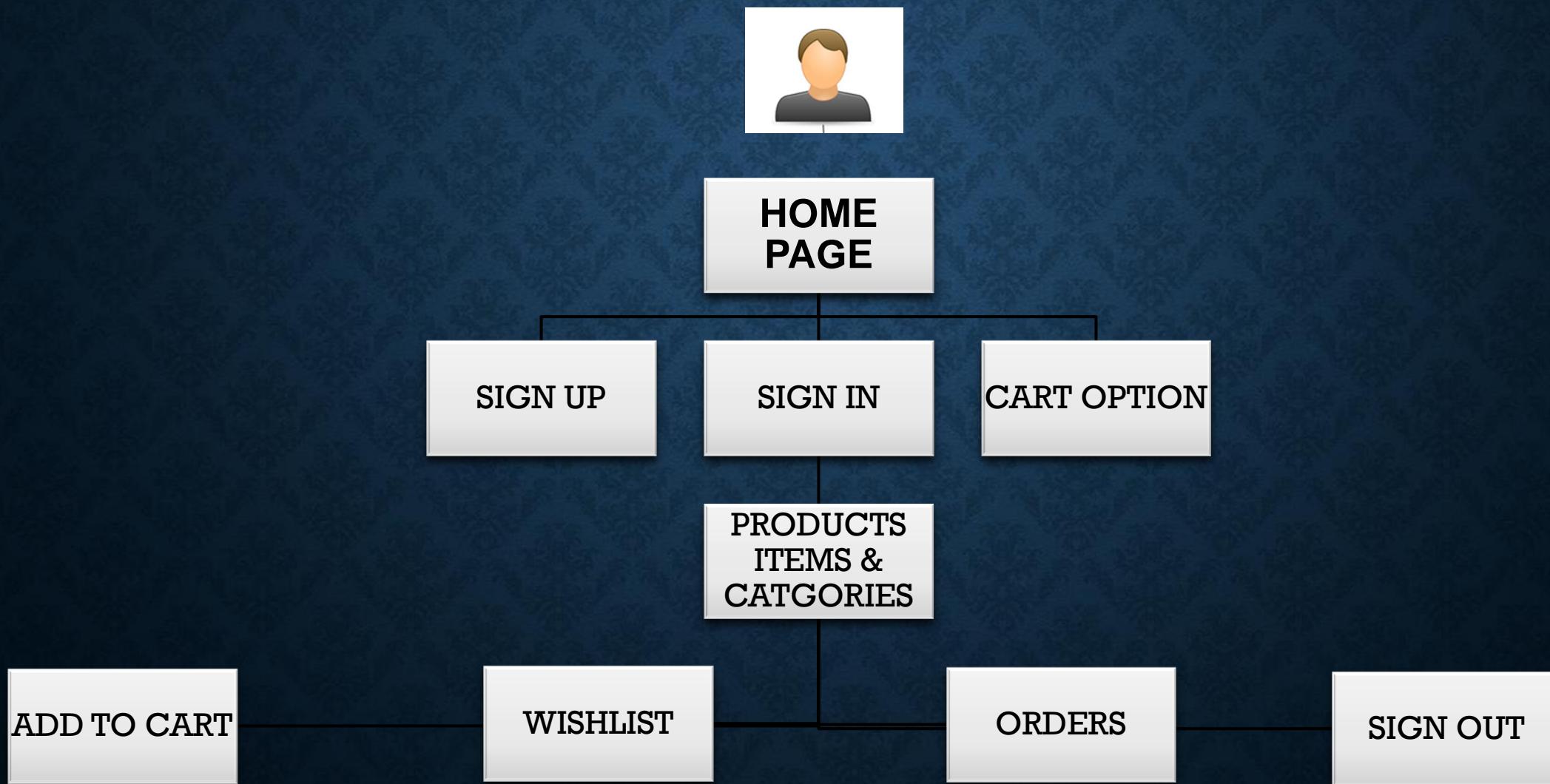
SOLUTION

Hence E – commerce web application came into picture. i.e “ShopForHome” Where the vendors can sell their products online so that customers don’t have to travel during these hard times and the business will be continued to run.

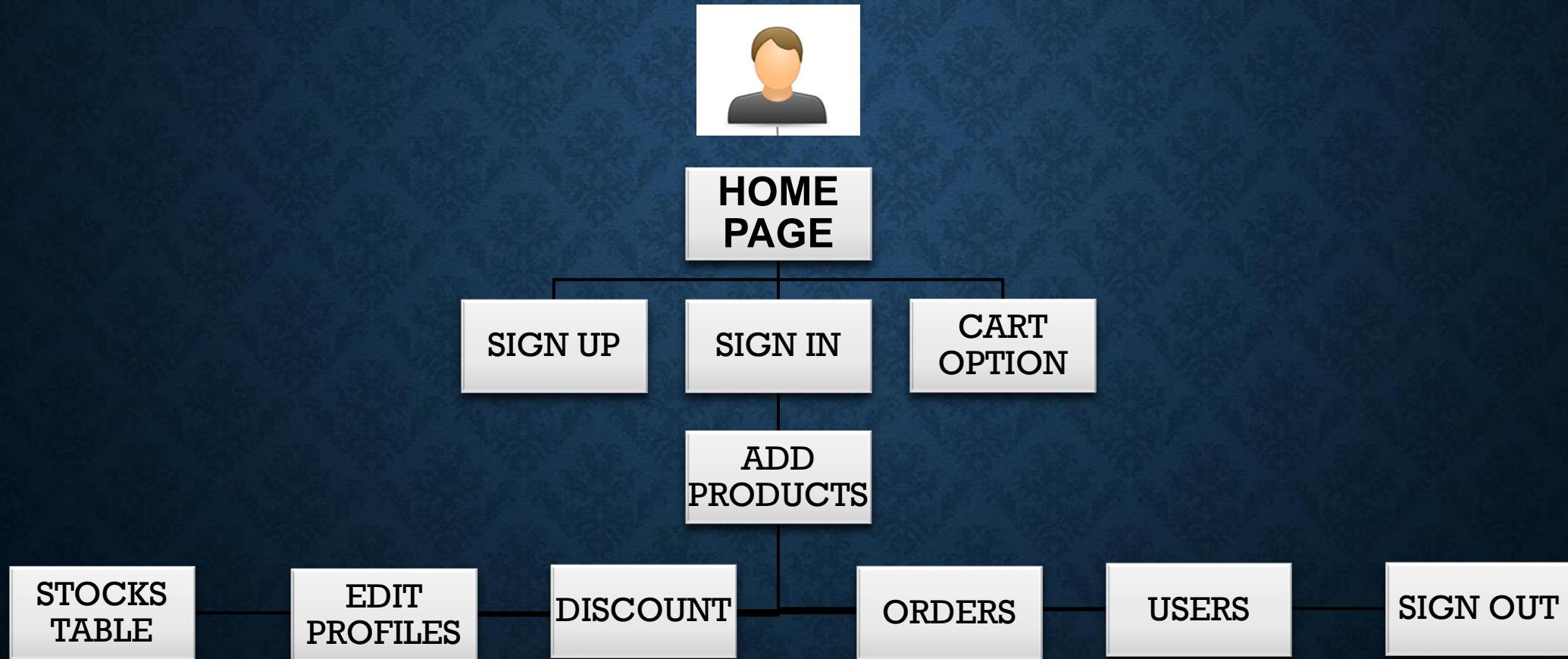
ABSTRACT

- E-Commerce is process of doing business through computers and mobile.
- A user can easily access all the facilities of the Internet to buy or sell the products.
- Unlike traditional commerce that is carried out physically with effort of a person to go & get products, ecommerce has made it easier for human to reduce physical work and to save time
- User can browse online shops, compare prices and order merchandise sitting at home on their mobile and pc.
- When an online store is set up to enable businesses to buy from another businesses, the process is called business- to-business (B2B) online shopping. Typical online store enables the customer to browse the firms range of products and services.

PROJECT FLOW FOR USERS



PROJECT FLOW FOR ADMIN



FUNCTIONAL REQUIREMENTS

User Stories

- 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.

FUNCTIONAL REQUIREMENTS

Admin Stories

- 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 users.

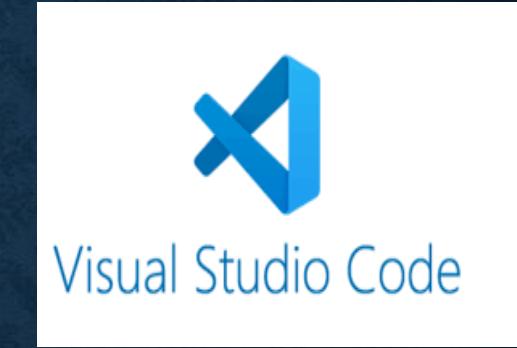
SPRINT I OBJECTIVES

- Create git repository
- Create database schema (all tables along with their relationships)
- Create entities in Spring
- Create Microservice based structure
- CRUD on User and Products
- Create an eCommerce Template in Angular (Static only) to hold images and products lists
- Develop Search Functionality in Angular
- Bulk upload implementation

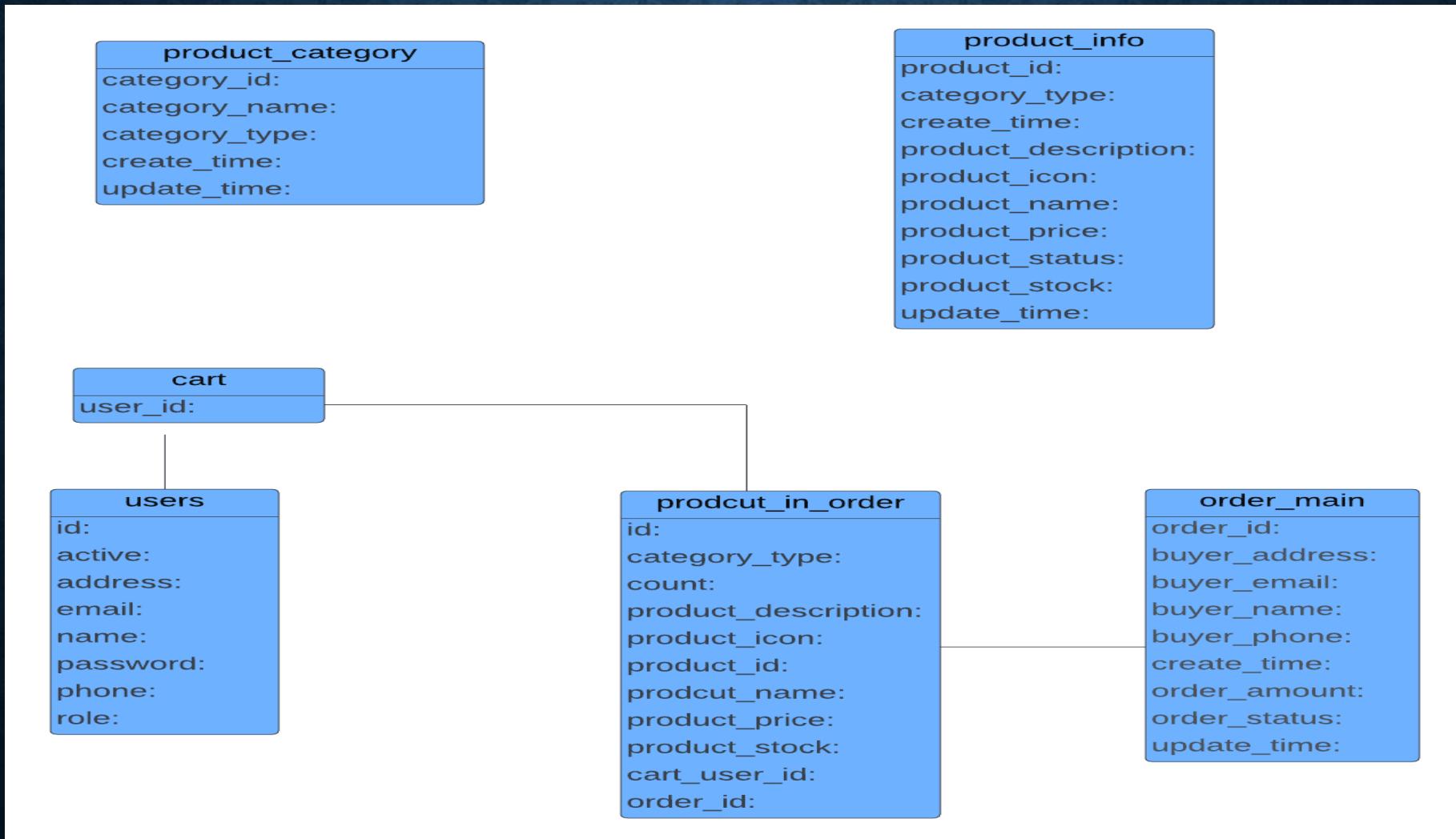
SPRINT II OBJECTIVES

- Cart option
- Stock and Sales reports
- Create Data Transfer objects
- Create repository
- Create Service layer logic
- Create Controller to direct rest api
- Create Discount Microservice

TECHNOLOGIES AND TOOLS USED



DATABASE SCHEMA



SCREENSHOTS OF PROJECTS

HOME PAGE OF APPLICATION

A Shop X + localhost:4200/product G Gmail Y YouTube M Maps Cart Sign In Sign Up

SHOP FOR HOME

Furniture Wall Accents Beds Sofa & Recliners

Get Whatever You Want!

Search Product



Dining Table
Description: 6 Chair Dining Table
Price: \$200,000.00
Stock: 2



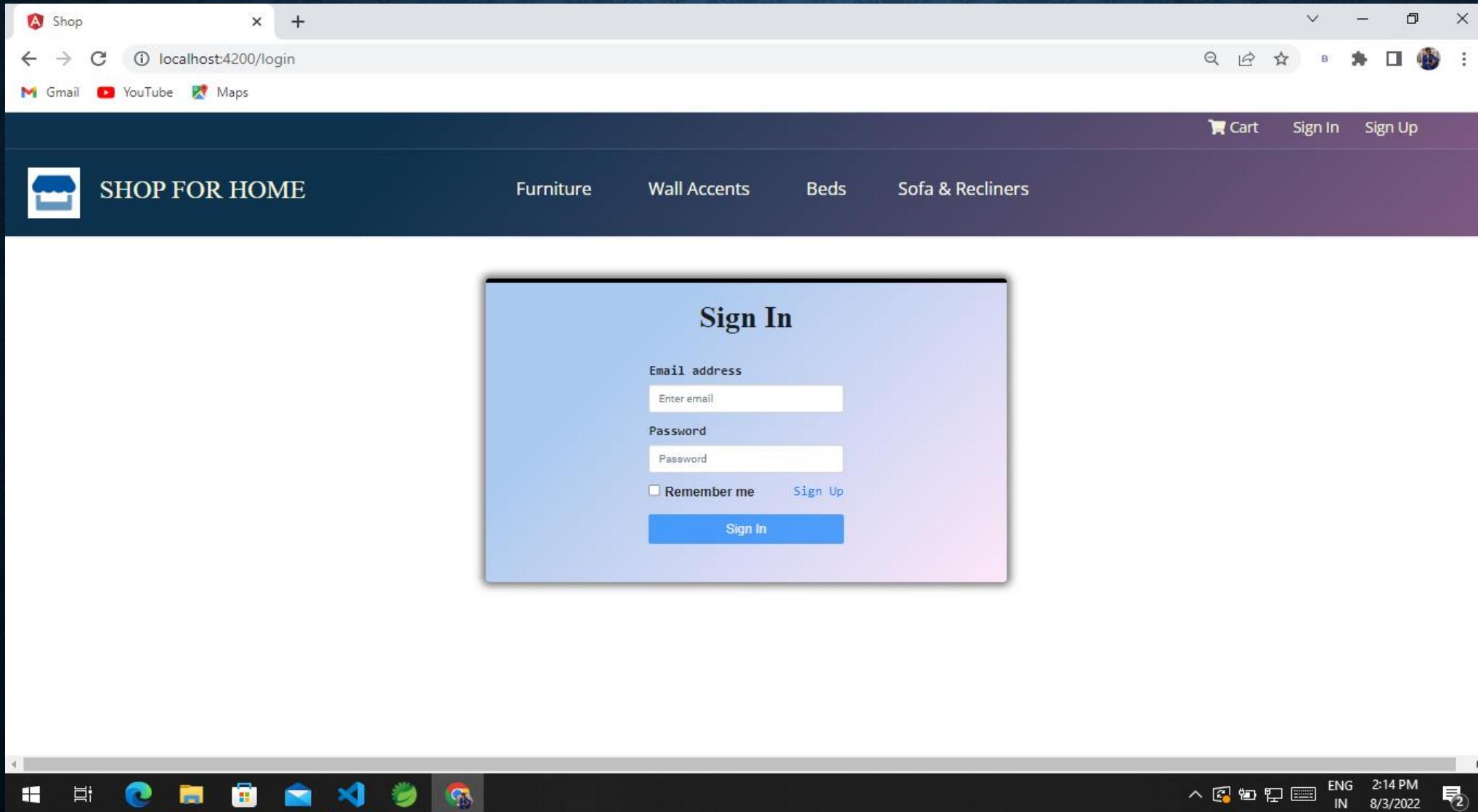
Amberville Chair
Description: Wellesley Solid Wood Rocking Chair
Price: \$15,000.00
Stock: 12



Wardrobe
Description: German Finish Wardrobe
Price: \$45,000.00
Stock: 25

Windows Taskbar: File Explorer, Edge, Microsoft Store, Mail, File History, Task View, Google Chrome, Taskbar icons, ENG IN, 2:14 PM, 8/3/2022, 2 notifications

SIGN-IN PAGE



SIGN UP PAGE

A screenshot of a web browser window displaying a sign-up form. The browser's address bar shows the URL `localhost:4200/register`. The page has a dark blue header with the text "SHOP FOR HOME" and navigation links for Furniture, Wall Accents, Beds, and Sofa & Recliners. On the right side of the header are "Cart", "Sign In", and "Sign Up" buttons. The main content area features a light blue "Sign Up" form with fields for Email address, Name, Password, Phone, and Address, each with a corresponding input field. A blue "Sign Up" button is at the bottom of the form. The browser's taskbar at the bottom shows various pinned icons, and the system tray at the bottom right displays the date and time as 8/3/2022 2:14 PM.

Shop

localhost:4200/register

Gmail YouTube Maps

Cart Sign In Sign Up

SHOP FOR HOME

Furniture Wall Accents Beds Sofa & Recliners

Sign Up

Email address

Name

Password

Phone

Address

Sign Up

Windows Taskbar icons: File Explorer, Mail, Microsoft Edge, VS Code, File History, Task View, and Google Chrome.

System tray: ENG IN, 8/3/2022, 2:14 PM, and a notification icon with a '2'.

USERS CONSOLE

A Shop x +

localhost:4200/product

Gmail YouTube Maps

Cart Wishlist Orders Piyush Sign Out

SHOP FOR HOME Furniture Wall Accents Beds Sofa & Recliners

Get Whatever You Want!

Search Product



Dining Table

Description: 6 Chair Dining Table

Price: \$200,000.00

Stock: 2



Amberville Chair

Description: Wellesley Solid Wood Rocking Chair

Price: \$15,000.00

Stock: 12



Wardrobe

Description: German Finish Wardrobe

Price: \$45,000.00

Stock: 25

Windows Taskbar: File Explorer, Edge, Microsoft Store, Mail, File Explorer, Task View, Task Manager, Google Chrome.

System Tray: Volume, Battery, Network, ENG IN, 2:14 PM, 8/3/2022, Notifications (2).

PRODUCTS LIST

The screenshot shows a web application for a furniture store. The top navigation bar includes a logo with 'A Shop', a search icon, and links for 'localhost:4200/product', 'Gmail', 'YouTube', and 'Maps'. A large blue header banner features the text 'Get Whatever You Want!' and a search bar labeled 'Search Product'. Below the banner are three product cards:

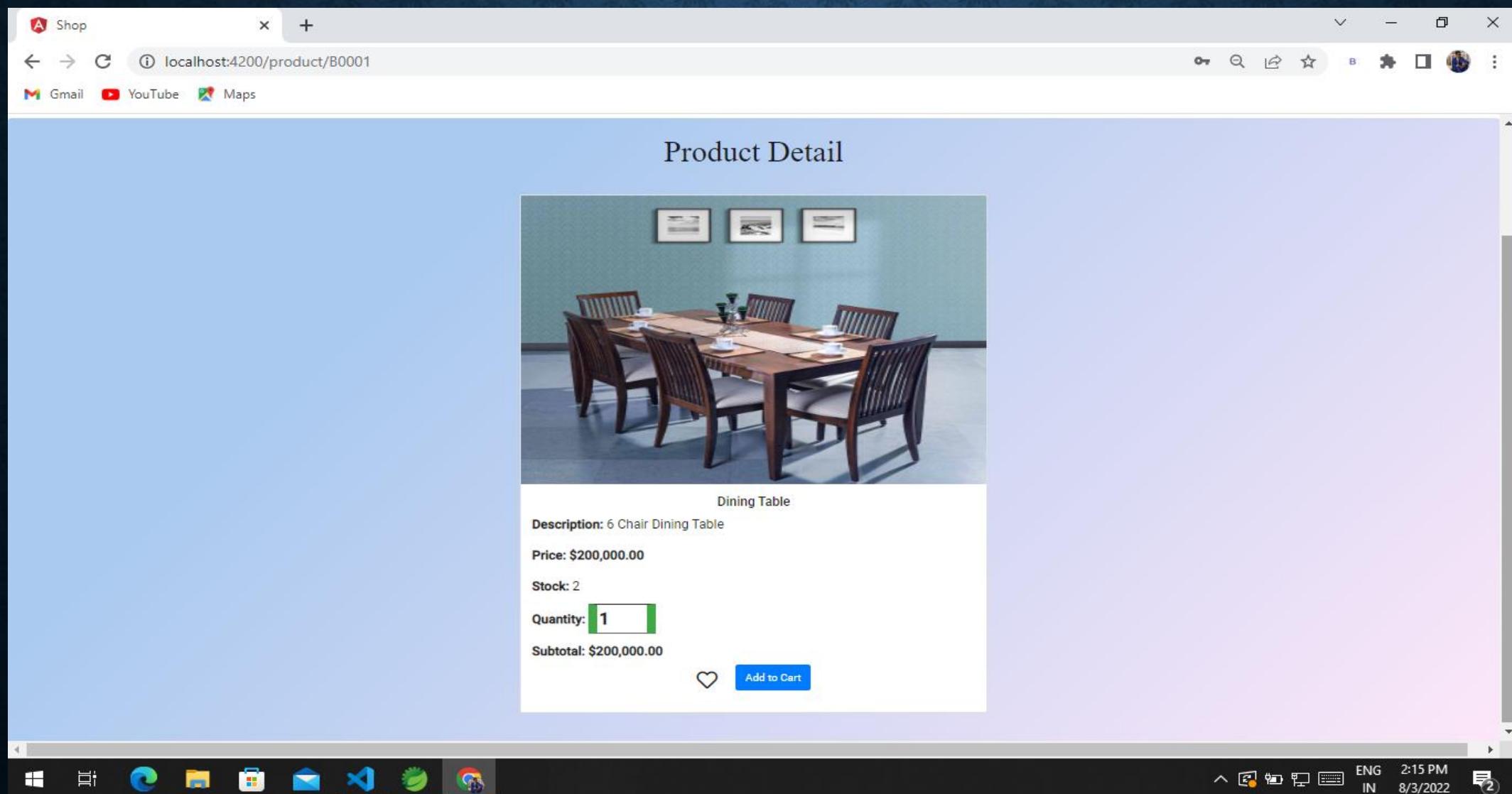
- Dining Table**: An image of a dark wood dining set with a rectangular table and six chairs. **Description:** 6 Chair Dining Table. **Price:** \$200,000.00. **Stock:** 2. **Just Click!!**
- Amberville Chair**: An image of a wooden rocking chair. **Description:** Wellesley Solid Wood Rocking Chair. **Price:** \$15,000.00. **Stock:** 12. **Just Click!!**
- Wardrobe**: An image of a tall, dark wood wardrobe with multiple doors and a mirrored side panel. **Description:** German Finish Wardrobe. **Price:** \$45,000.00. **Stock:** 25. **Just Click!!**

At the bottom, there is a navigation bar with icons for Windows, Task View, Start, File Explorer, Edge, File Manager, Mail, and VS Code, along with system status indicators for battery, signal, and volume. The bottom right corner shows the date and time as '2:14 PM 8/3/2022'.

SEARCHING AN ITEM

A screenshot of a web browser window titled "Shop". The address bar shows "localhost:4200/category/1". The main content area has a dark blue header with the text "Wall Accents". Below the header is a search bar containing the text "Ward". On the left side of the page, there is a large image of a wooden wardrobe. To the right of the image, a white box contains the following product details:
Wardrobe
Description: German Finish Wardrobe
Price: \$45,000.00
Stock: 25
A blue button at the bottom of this box says "Just Click!!". The browser's toolbar at the top includes icons for back, forward, search, and refresh. The taskbar at the bottom shows various pinned icons and the system tray indicates the date and time as 8/3/2022, 2:16 PM.

PRODUCT DETAILS PAGE



ADD TO CART PAGE

A Shop x +

localhost:4200/cart

Gmail YouTube Maps

IMAGE	DESCRIPTION	REF NO	QUANTITY	UNIT PRICE	TOTAL	
	3 Seater Sofa	P0001	1	₹17,000.00	₹17,000.00	Remove
	Nature Painting Wall Art Collage	F0001	1	₹1,222.00	₹1,222.00	Remove
	Dining Table	B0001	1	₹200,000.00	₹200,000.00	Remove

Select Coupon

COUPON APPLIED :
TOTAL: ₹218,222.00

SUB TOTAL ₹218,222.00
SHIPPING COST 20.00
TOTAL ₹218,242.00

[CONTINUE SHOPPING](#) [CHECKOUT ✓](#)

Windows Taskbar icons: File Explorer, Mail, Edge, File Manager, Task View, Google Chrome, Microsoft Store, Taskbar settings, Network, Battery, Volume, Language (ENG IN), Date (8/3/2022), and a notification icon.

WISHLIST PAGE

A Shop X +
localhost:4200/wishlist
Gmail YouTube Maps

SHOP FOR HOME Furniture Wall Accents Beds Sofa & Recliners

My Wishlist

Photo	ID	Name	Price	Action
	F0002	Analog Wall Clock	\$2,000.00	Remove
	F0001	Nature Painting Wall Art Collage	\$1,222.00	Remove
	D0002	Recliners	\$20,000.00	Remove

Windows Taskbar: File Explorer, Mail, Microsoft Edge, Visual Studio Code, Google Chrome, Task View, Taskbar Icons, ENG IN 2:16 PM 8/3/2022 (2)

EDIT USERS PROFILES PAGE

The screenshot shows a web browser window with the URL `localhost:4200/profile`. The page title is "Edit Profiles". The form contains the following fields:

- Email address: `piyushpatidar7777@gmail.com`
- Name: `Piyush`
- Password: `password`
- Phone: `123456`
- Address: `House No.65 Sector b slice 2 sch`

The "Update" button is located at the bottom of the form.

At the top of the browser window, there is a navigation bar with links for "Cart", "Wishlist", "Orders", "Piyush", and "Sign Out". Below the navigation bar, there are categories: "Furniture", "Wall Accents", "Beds", and "Sofa & Recliners". On the far left, there is a logo for "SHOP FOR HOME". The browser's taskbar at the bottom shows various pinned icons, and the system tray indicates the date and time as 8/3/2022 at 2:16 PM.

ADMIN CONSOLE

A Shop × + ← → C i localhost:4200/seller/product

Gmail YouTube Maps

Discount Users Stocks Orders admin Sign Out

SHOP FOR HOME

Add Products

Choose File No file chosen

Upload

Stocks Table

Photo	Code	Name	Description	Price	Stock	Status	Action	Mail	Stocks And Reports
	B0001	Dining Table	6 Chair Dining Table	\$200,000.00	2	Available	Edit	<button>email</button>	<button>Download</button>

Windows Taskbar: File Explorer, Mail, VS Code, Google Chrome

System Tray: Network, Battery, ENG IN, 2:17 PM, 8/3/2022, Notifications (2)

BULK UPLOAD & STOCKS PAGE

A Shop

localhost:4200/seller/product

Gmail YouTube Maps

Stocks Table

Photo	Code	Name	Description	Price	Stock	Status	Action	Mail	Stocks And Reports
	B0001	Dining Table	6 Chair Dining Table	\$200,000.00	2	Available	Edit	<button>email</button>	<button>Download</button>
	B0002	Amberville Chair	Wellesley Solid Wood Rocking Chair	\$15,000.00	12	Available	Edit	<button>email</button>	<button>Download</button>
	B00021	Wardrobe	German Finish Wardrobe	\$45,000.00	25	Available	Edit	<button>email</button>	<button>Download</button>
	B00022	Floor Lamp	Vintage Lamp	\$3,500.00	30	Available	Edit	<button>email</button>	<button>Download</button>

Windows Taskbar icons: File Explorer, Mail, Microsoft Edge, Visual Studio Code, Google Chrome.

System tray: ENG IN, 2:17 PM, 8/3/2022, 2 notifications.

EDIT PRODUCT PAGE

The screenshot shows a web browser window titled "Shop" with the URL "localhost:4200/seller/product/B0001/edit". The page has a dark blue header with a shop icon and the text "SHOP FOR HOME". The main content area is titled "Edit Product". It contains form fields for product details:

- Code:** B0001
- Photo Link:** https://jacfurn.com/pub/media/catalog/product/cache/450aa752168b746e4819b147b234da81/f/a/falco_dt_with_falco.jpg
- Name:** Dining Table
- Category:** Furniture
- Description:** 6 Chair Dining Table
- Price:** 200000
- Stock:** 2
- Status:** Available

A blue "Submit" button is at the bottom of the form.

DISCOUNT COUPONS PAGE

A screenshot of a web browser window titled "Shop" displaying a "Discount Coupons Page". The URL in the address bar is "localhost:4200/discount". The page has a dark blue header with a logo and the text "SHOP FOR HOME". A search bar at the top says "Enter Some Text To Search". The main content area is a modal titled "Coupons" containing a table of coupons. The table has columns "Couponcode" and "Action". It shows two rows: one for "B346GG" and another for "fifty". Each row has a "Delete" button in the "Action" column. At the bottom right of the modal is a page number "1" with "Previous" and "Next" buttons. The browser's taskbar at the bottom shows various pinned icons and the system tray with the date "8/3/2022" and time "2:17 PM".

Couponcode	Action
B346GG	<button>Delete</button>
fifty	<button>Delete</button>

Previous **1** Next

ACTIVE USERS PAGE

The screenshot shows a web browser window titled "Shop" with the URL "localhost:4200/admin/user". The page has a dark blue header with a logo and the text "SHOP FOR HOME". Below the header is a search bar containing the placeholder "Enter Some Text To Search". The main content area displays a table titled "Users" with four columns: Email, Name, Role, and Action. The table contains five rows of data. The first four rows have a light blue background, while the fifth row has a white background. Each row includes a "Remove User" button in the Action column. The table is set against a light blue background. At the bottom right of the table, there are navigation buttons for "Previous" and "Next". The browser's taskbar at the bottom shows various pinned icons and the system clock "2:17 PM 8/3/2022".

Email	Name	Role	Action
ankush@gmail.com	Ankush	ROLE_CUSTOMER	<button>Remove User</button>
vishaka@gmail.com	vishaka	ROLE_CUSTOMER	<button>Remove User</button>
admin@gmail.com	admin	ROLE_MANAGER	
piyushpatidar7777@gmail.com	Piyush	ROLE_CUSTOMER	<button>Remove User</button>

ORDERS PAGE

Shop

localhost:4200/order

Gmail YouTube Maps

ORDERS

Order #	Customer Name	Customer Email	Customer phone	Shipping Address	Total	Order Date	Status	Action
102	vishaka	vishaka@gmail.com	1234	gl	\$4,010.00	Aug 3, 2022	New	<button>Show</button> <button>Cancel</button> <button>Finish</button>
95	Piyush	piyushpatidar7777@gmail.com	123456	House No.65 Sector b slice 2 scheme No. 78 Vijay Nagar Indore, -	\$400,000.00	Aug 2, 2022	New	<button>Show</button> <button>Cancel</button> <button>Finish</button>
92	Piyush Patidar	piyushpatidar7777@gmail.com	123456	House No.65 Sector b slice 2 scheme No. 78 Vijay Nagar Indore, -	\$20,000.00	Aug 2, 2022	New	<button>Show</button> <button>Cancel</button> <button>Finish</button>
90	Piyush Patidar	piyushpatidar7777@gmail.com	123456	House No.65 Sector b slice 2 scheme No. 78 Vijay Nagar Indore, -	\$800,000.00	Aug 2, 2022	New	<button>Show</button> <button>Cancel</button> <button>Finish</button>

Windows Taskbar Icons: File Explorer, Edge, File Manager, Mail, VS Code, System, Google Chrome.

System Tray: ENG IN, 2:18 PM, 8/3/2022, Battery icon.

ORDER DETAILS PAGE

A Shop x +

localhost:4200/order/102

Gmail YouTube Maps

Discount Users Stocks Orders admin Sign Out

SHOP FOR HOME

Order Detail

Photo	Name	Description	Price	Quantity	Subtotal
	Dining Table	6 Chair Dining Table	\$2,005.00	2	\$4,010.00

Total: \$4,010.00

EDIT ADMIN PROFILES

The screenshot shows a web browser window titled "Shop" with the URL "localhost:4200/profile". The browser interface includes standard navigation buttons, a search bar, and a toolbar with links to "Gmail", "YouTube", and "Maps". A purple header bar contains menu items: "Discount", "Users", "Stocks", "Orders", "admin", and "Sign Out". Below the header, a logo icon and the text "SHOP FOR HOME" are visible. The main content area displays a modal dialog titled "Edit Profiles". The dialog contains fields for "Email address" (admin@gmail.com), "Name" (admin), "Password" (obscured), "Phone" (123456), and "Address" (tilak nagar). A blue "Update" button is at the bottom of the form.

THANK YOU