

CAPSTONE PROJECT

TOPIC: SHOP FOR HOME

GROUP - G4

UNDER THE GUIDANCE OF:

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ABSTRACT

Shop for home ordering Platform is a form of household e-commerce which allows consumers to directly buy goods or services from a seller over the internet using a web browser. Consumers find a product of interest by visiting the website of the retailer directly or by searching among alternative vendors using a shopping search engine, which displays the same products availability and pricing at different e-retailers. As of 2020, customers can shop online using a range of different Household appliances. Users can login to the website to shop the products for home decoration. It has the features of add to cart, wishlist and make orders from home. Typical online store enables the customer to browse the firms range of products and services.

TABLE OF CONENTS

CHAPTER-1: INTRODUCTION

1.1 PURPOSE

1.2 USER REQUIREMENTS

1.3 ADMIN REQUIREMENTS

CHAPTER-2: TECHNOLOGIES REQUIRED

2.1 SUPPORTED OPERATING SYSTEM

2.2 FEATURES OF THE APPLICATION

CHAPTER-3: SOFTWARE USED

3.1 FRONTEND

3.2 BACKEND

3.3 DATABASE

CHAPTER-4: RESULTS

CHAPTER-5: CONCLUSION

CHAPTER-1

INTRODUCTION

This project Shop for Home has been developed in Angular, Java Spring Boot and MySQL. The Shop for Home project is an application which is based on managing the Home-decor and sell the household items online. The main purpose for developing this project in Angular and Java Spring Boot is to manage all the details about home decor item, home decor category, company, order, sales etc. There are two categories of user available in this project. First one is admin and second one is user. Admin can add home-décor item category and can also manage the sales details. This Angular project very helpful for maintaining the sales activity in household item. In this project customer can see the details of home-decor item category etc. Only Admin can edit or delete the details of Home-decor item.

1.1 PURPOSE

The main purpose of this module is to provide all the functionality related to customers. It tracks all the information and details of the customer. We have developed all Category of CRUD (Create, Read, Update and Delete) operations of the customers. This is a role-based module where admin can perform each and every operation on data but the customer will be able to view only his/her data, so access level restrictions has also been implemented on the project. We also provide customized Angular and Java Spring Boot" Projects for beginners.

1.2 User-Requirements:

1. As a user I should be able to login, Logout and Register into the application.
2. As a user I should be able to see the products in different categories.
3. As a user I should be able to sort the products.
4. As a user I should be able to add the products into the shopping cart.
5. As a user I should be able to increase or decrease the quantity added in the cart.
6. As a user I should be able to add “n” number of products in the cart.
7. 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
8. As a user I should get different discount coupon.

1.3 Admin-Requirements:

1. As an Admin I should be able to login, Logout and Register into the application.
2. As an Admin I should be able to perform CRUD on Users.
3. As an Admin I should be able to Perform CRUD on the products.
4. As an Admin I should be able to get bulk upload option to upload a csv for products details
5. As an Admin I should be able to get the stocks.
6. As an Admin I should be able to mail if any stock is less than 10.
7. As an Admin I should be able to get the sales report of a specific duration.
8. As an Admin I should be able to set of users

CHAPTER-2

TECHNOLOGIES REQUIRED

We have developed this project using the below technology

- **HTML:** Page layout has been designed in HTML
- **CSS:** CSS has been used for all the designing part
- **BOOTSTRAP:** It has been used for designing part
- **TypeScript:** All the validation task and animations has been developed by JavaScript
- **Java Spring Boot:** All the business and backend API logic has been implemented in Java Spring Boot
- **.SQL:** .SQL files has been used as database for the project
- **Angular:** All the frontend logic has been implemented over the Angular and we used angular CLI for it
- **Visual Studio Code-(VSS):** For Angular IDE, we have used Visual Studio Code
- **STS:** We have used STS (Spring Tool Suite) for developing all spring boot API's
- **Tomcat:** Project will be run over the Tomcat server

2.1 Supported Operating System

We can configure this project on following operating system.

- **Windows:** This project can easily be configured on windows operating system.
- **MacOS:** This project also can easily be configured on MacOS

2.2 Features of the application:

1. Registration
2. Login
3. Searching
4. Filtering
5. Sorting
6. Dynamic data
7. Responsive and compatible with different devices

CHAPTER-3

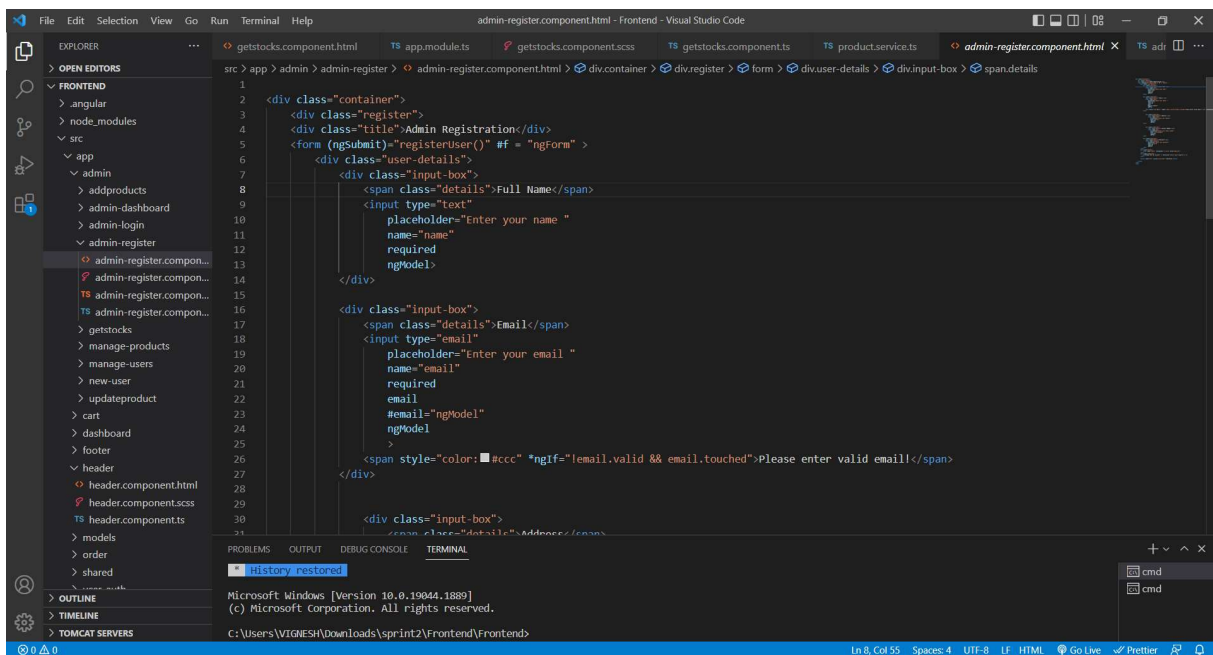
SOFTWARE USED

3.1 Front End

From your local FrontEnd code path -> open cmd

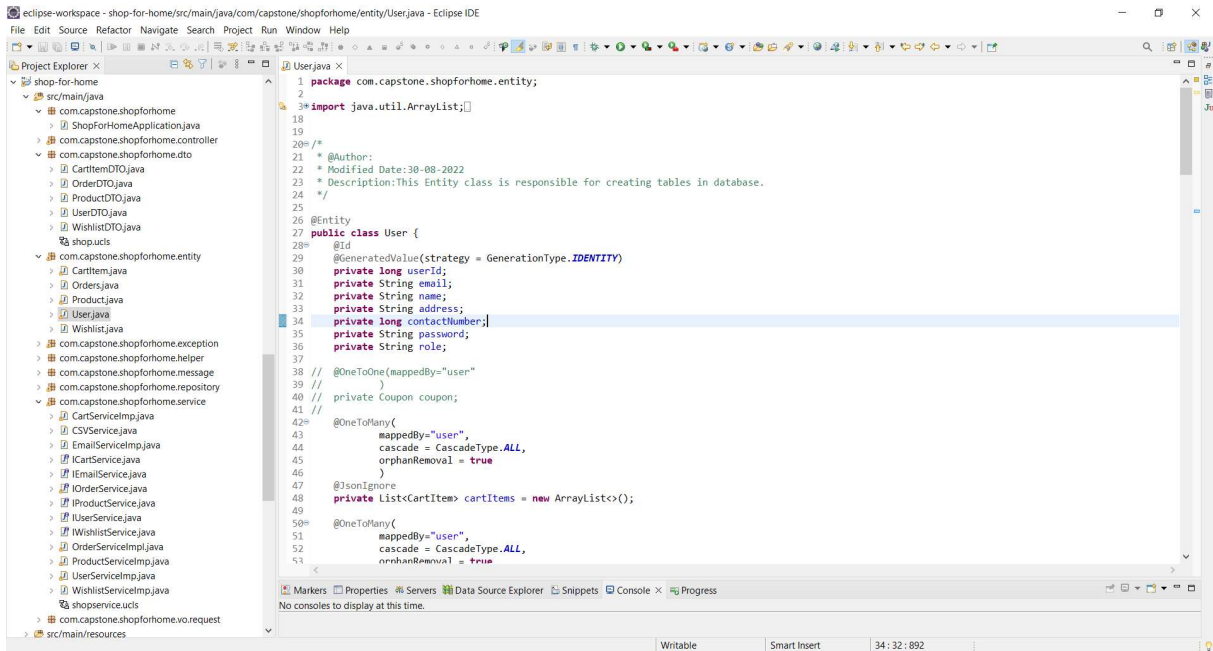
Eg -> {local path}\ecommerce-eshop\frontend

- Run this command -- code .
- Run Npm install from vs code terminal
- Run npm start
- After the successful compiling you got this link in terminal localhost/4200.
- Open this link in google chrome



3.2 Back End

Spring Tool Suite (STS) is a java IDE tailored for developing Spring-based enterprise applications. It is easier, faster, and more convenient. And most importantly it is based on Eclipse IDE. STS is free, open-source, and powered by VMware.



3.3 Database

- Install MySQL
- After installation search MySQL command line in your computer
- Open that command line

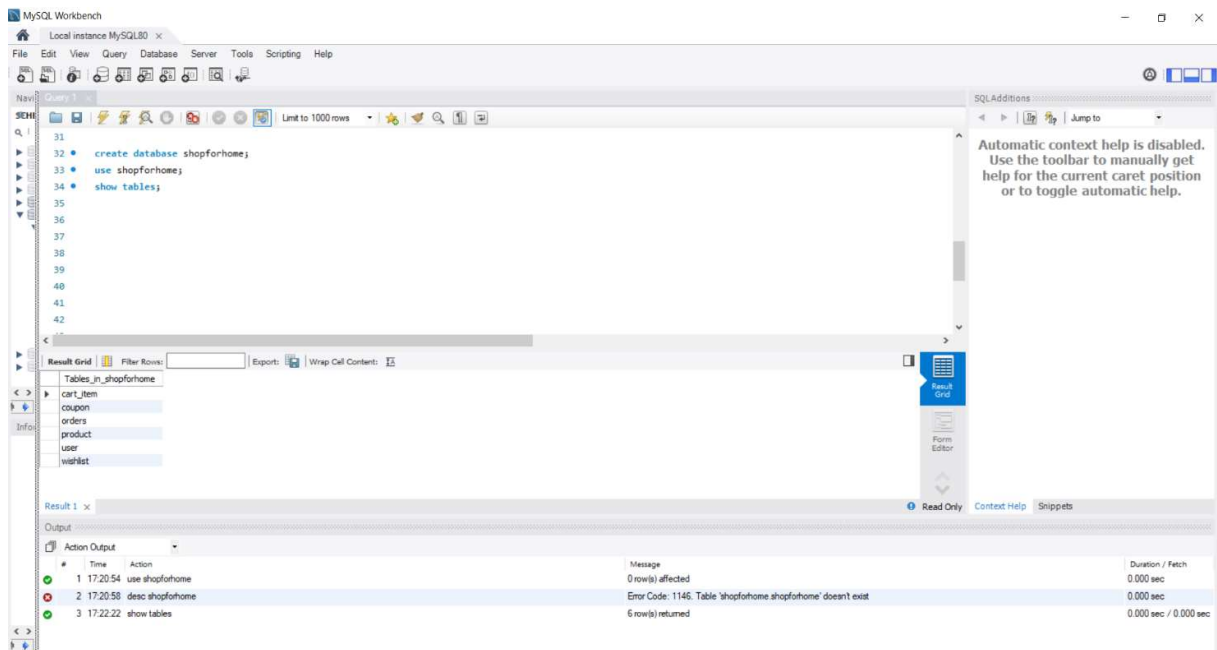
```
mysql> use shopforhome;
Database changed
mysql> show tables;
+-----+
| Tables_in_shopforhome |
+-----+
| cart_item              |
| coupon                 |
| orders                 |
| product                |
| user                   |
| wishlist               |
+-----+
6 rows in set (0.01 sec)

mysql> describe user;
+----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+----+-----+-----+-----+-----+-----+
| user_id | bigint | NO | PRI | NULL | auto_increment |
| address | varchar(255) | YES | | NULL | |
| contact_number | bigint | NO | | NULL | |
| email | varchar(255) | YES | | NULL | |
| name | varchar(255) | YES | | NULL | |
| password | varchar(255) | YES | | NULL | |
| role | varchar(255) | YES | | NULL | |
+----+-----+-----+-----+-----+-----+
7 rows in set (0.01 sec)

mysql> describe product;
+----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+----+-----+-----+-----+-----+-----+
| pid | bigint | NO | PRI | NULL | auto_increment |
| product_category | varchar(255) | YES | | NULL | |
| product_description | varchar(255) | YES | | NULL | |
| product_image | varchar(255) | YES | | NULL | |
| product_name | varchar(255) | YES | | NULL | |
| product_price | double | YES | | NULL | |
| product_stock | bigint | YES | | NULL | |
+----+-----+-----+-----+-----+-----+
7 rows in set (0.00 sec)

mysql> describe cart_item;
+----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+----+-----+-----+-----+-----+-----+
| cart_id | bigint | NO | PRI | NULL | auto_increment |
+----+-----+-----+-----+-----+-----+
1 rows in set (0.00 sec)
```

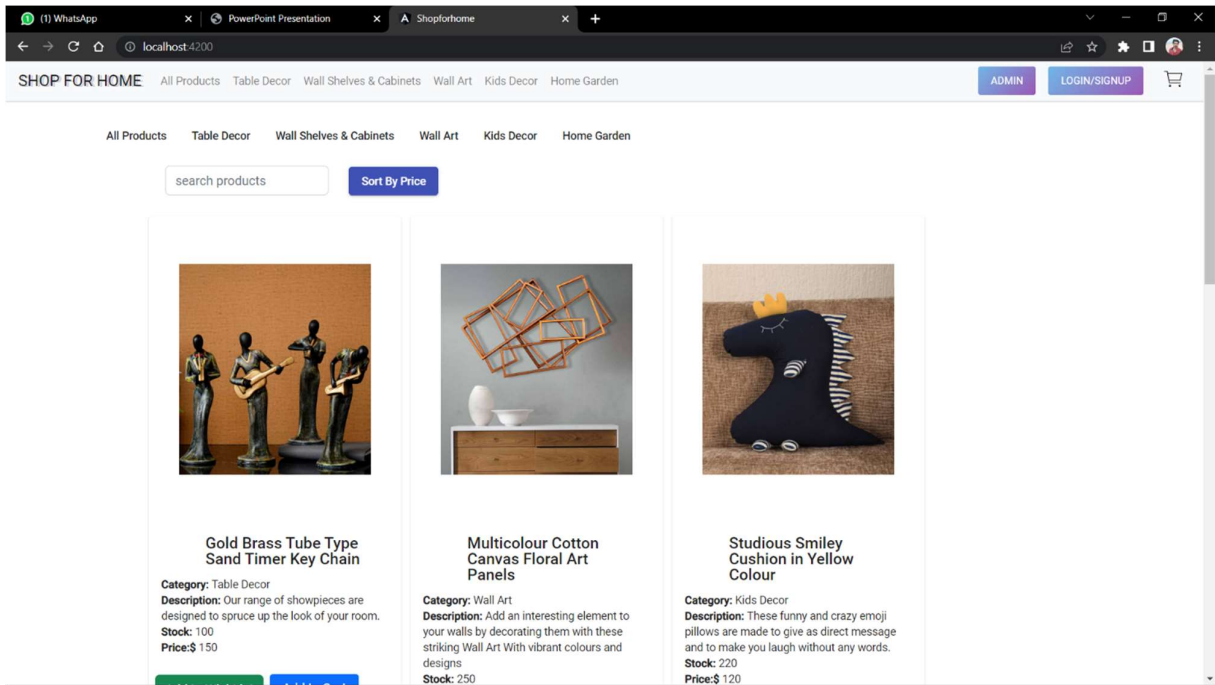
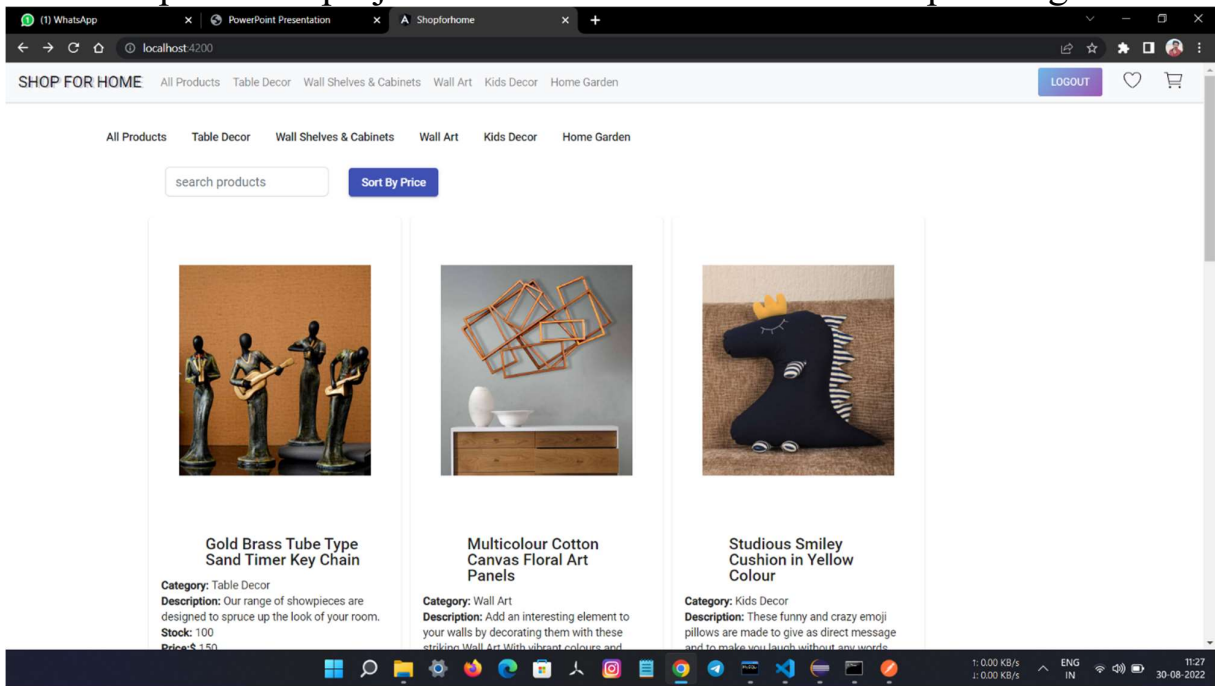
➤ MySQL Workbench



CHAPTER-4

RESULTS

The output of the project is shown as in the name of output images.



WhatsApp PowerPoint Presentation Shopforhome

localhost:4200/register

SHOP FOR HOME All Products Table Decor Wall Shelves & Cabinets Wall Art Kids Decor Home Garden ADMIN LOGIN/SIGNUP

Registration

Full Name

Email

Address

Contact Number

Password

Register

Already have an account? [Log In](#)

load data

WhatsApp PowerPoint Presentation Shopforhome

localhost:4200/login

SHOP FOR HOME All Products Table Decor Wall Shelves & Cabinets Wall Art Kids Decor Home Garden ADMIN LOGIN/SIGNUP

Login

Email

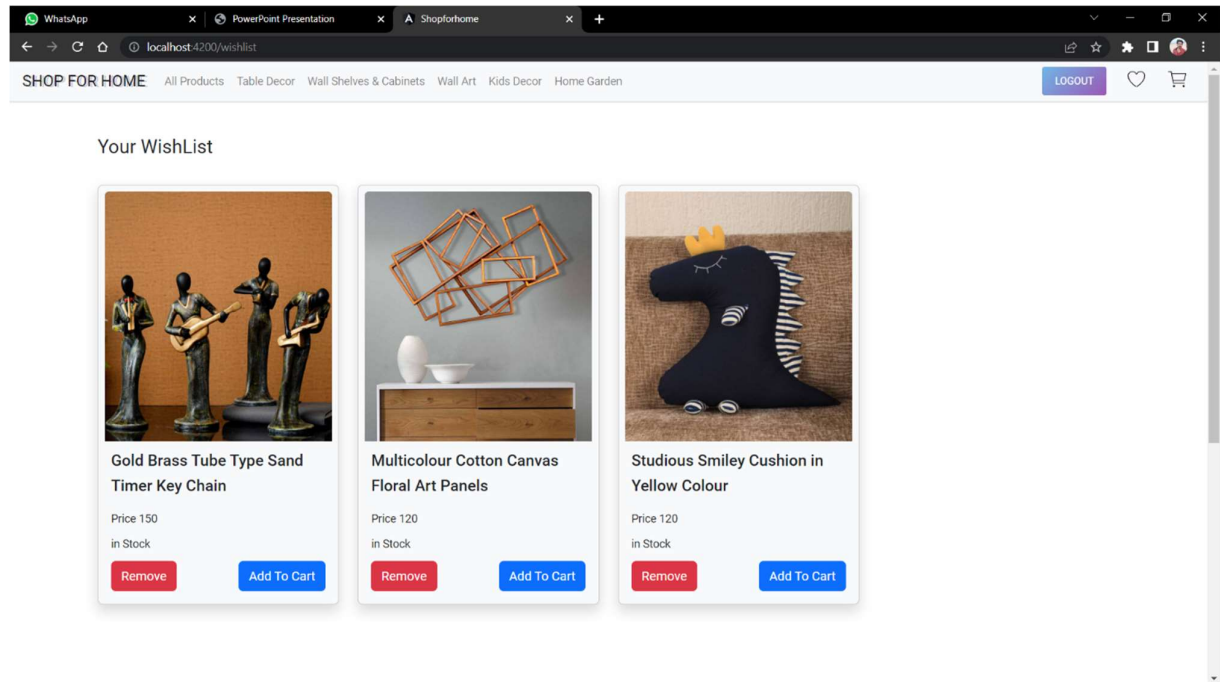
Password

Login

Don't have an account? [Sign Up](#)

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The screenshot shows a web browser with multiple tabs open: WhatsApp, PowerPoint Presentation, and Shopforhome. The address bar shows 'localhost:4200/cart/order'. The page header includes 'SHOP FOR HOME' and navigation links: All Products, Table Decor, Wall Shelves & Cabinets, Wall Art, Kids Decor, Home Garden. There is a 'LOGOUT' button and icons for a heart and a shopping cart.

Delivery Address

All fields required

First name*

Last Name*

Email*

e.g test@gmail.com

Telephone*

Delivery Address*

town*

state/territory*

postal code*

Country

Order Summary

2 x Multicolour Cotton Canvas Floral Art Panels \$240

SUB TOTAL :

SHIPPING : \$10.00

TAX : \$0.00

TOTAL : \$250

DISCOUNT CODES

Enter your coupon code if you have one

Enter the discount code [Apply](#)

Payment Details

Person Name

Name

Card Number

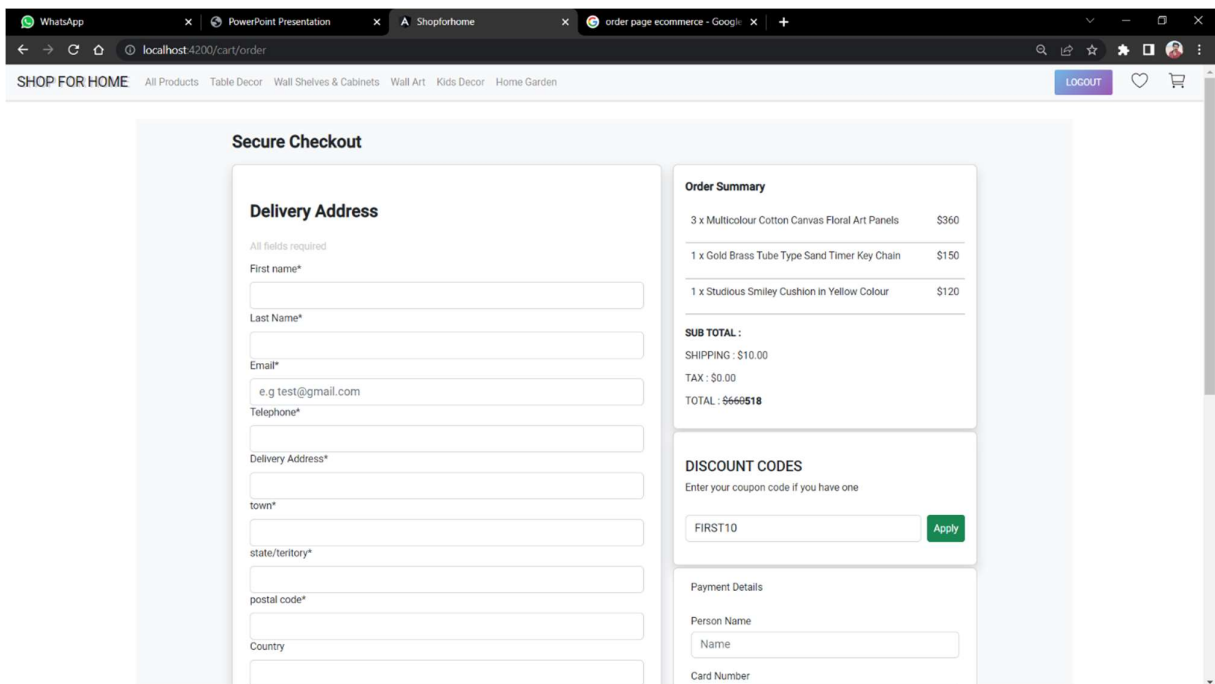
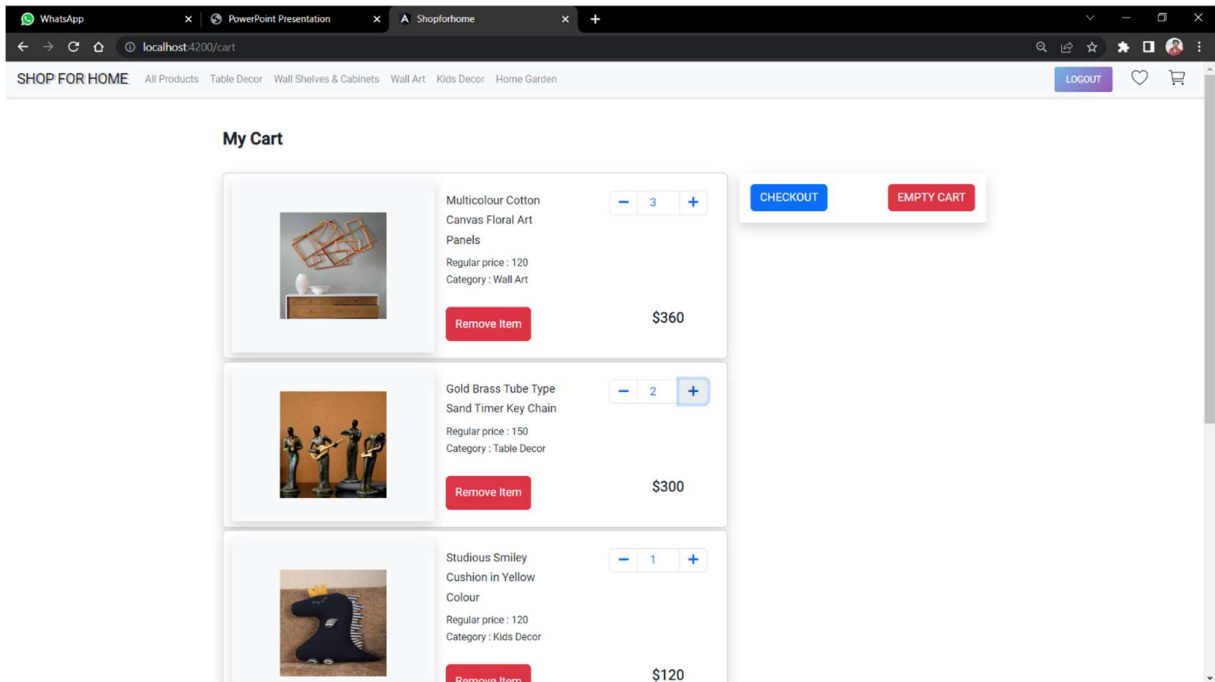
1234 5678 435678

Expiry

MM/YYYY

CVV/CVC

[ORDER](#)



WhatsApp

PowerPoint Presentation

Shopforhome

order page ecommerce - Google

Buttons - Bootstrap

localhost:4200/admin-dashboard/mng-users

SHOP FOR HOME

All ProductsTable DecorWall Shelves & CabinetsWall ArtKids DecorHome Garden

LOGOUT

Back

MANAGE USERS

Create New User

Name	Address	Contact Number	Role	Edit	Delete	Add coupon			
abc Abc@gmail.com	abc	1231231234	USER	Edit	Delete	FIRST10	10	Add Coupon	Delete
test test@gmail.com	test	123412312	USER	Edit	Delete	Coupon Name	%	Add Coupon	Delete
test2 test2@gmail.com	test2	1234512345	USER	Edit	Delete	FIRST10	10	Add Coupon	Delete
admin admin@gmail.com	admin	1231231234	ADMIN	Edit	Delete	Coupon Name	%	Add Coupon	Delete

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SHOP FOR HOME

PRODUCTS

USEFUL LINKS

CONTACT

WhatsApp

PowerPoint Presentation

Shopforhome

order page ecommerce - Google

Buttons - Bootstrap

localhost:4200/admin-dashboard/mng-products

SHOP FOR HOME

All ProductsTable DecorWall Shelves & CabinetsWall ArtKids DecorHome Garden

LOGOUT

Product Details

Add a New Product

Bulk Upload Products:

Choose FileNo file chosen

Upload

Available Products:

WhatsApp

PowerPoint Presentation

Shopforhome

order page ecommerce - Google

Buttons - Bootstrap

localhost:4200/admin-dashboard/mng-products







Bulk Upload Products:

Choose File

No file chosen

Upload

Available Products:

ID	Product Image	Product Name	Product Category	Product Description	Product Stock	Product Price		
1		Gold Brass Tube Type Sand Timer Key Chain	Table Decor	Our range of showpieces are designed to spruce up the look of your room.	100	150	UPDATE	
2		Multicolour Cotton Canvas Floral Art Panels	Wall Art	Add an interesting element to your walls by decorating them with these striking Wall Art With vibrant colours and designs	247	120	UPDATE	
3		Studios Smiley Cushion in Yellow Colour	Kids Decor	These funny and crazy emoji pillows are made to give as direct message and to make you laugh without any words.	219	120	UPDATE	

WhatsApp

PowerPoint Presentation

Shopforhome

order page ecommerce - Google

Buttons - Bootstrap

localhost:4200/admin-dashboard

SHOP FOR HOME

All Products

Table Decor

Wall Shelves & Cabinets

Wall Art

Kids Decor

Home Garden

LOGOUT





Manage Users

ADMIN DASHBOARD

Manage Products

Sales Report

dd-mm-yyyy

dd-mm-yyyy

submit

CHAPTER-6

CONCLUSION

By performing or following the above-mentioned methodology we can conclude that

- We can create a web page using the Angular, Spring boot, , MySQL, etc..
- In this project, we have created the page of name “**SHOP FOR HOME**” in which a user can buy the house hold items like decorating things and many other.
- We need updated or latest version software for smooth working of the project.
- Both frontend and backend need to run in a frequent manner to the page with user interface flexibility.

At the end we can say that web page is created by following the path regulations and shown the output as required.

