



WIPRO CAPSTONE PROJECT

SHOP FOR HOME

GROUP – B7

Submitted in the partial fulfillment of the requirements
for Wipro certification in

JAVA FULL STACK DEVELOPMENT

Submitted by:

Abhishek Dangi

Sai Rohith Yadav Kalasani

Babitha Rachaputi

Abhishek Charan

ABSTRACT

The Shop For Home is a web-based application intended for online retailers. The main objective of this application is to make it interactive and its ease of use. 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. An online shop evokes the physical and analogy of buying products or services at a “regular bricks-and-mortar” retailer or shopping center, the process is called business-consumer (B2C) online shopping. 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.

TABLE OF CONTENTS

CHAPTER-1: INTRODUCTION

1.1 PURPOSE

1.2 USER STORIES

1.3 ADMIN STORIES

CHAPTER-2: TECHNOLOGIES REQUIRED

CHAPTER-3: INSTALLATION & INSTRUCTIONS

3.1 INSTALLATION STEPS

3.2 IMPORT BACKEND IN ECLIPSE

3.3 KNOWN ISSUES

3.4 FRONT END

3.5 DATABASE

CHAPTER-4: RESULT

CHAPTER-5: CONCLUSION

CHAPTER-6: REFERENCE

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 furniture items and sell the furniture items online. The main purpose for developing this project in Angular and Java Spring Boot is to manage all the details about furniture item, furniture item 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 perform CRUD operations on items and can also manage the sales details. This Angular project very helpful for maintaining the sales activity in furniture item. In this project customer can see the details of furniture item category etc. Only Admin can edit or delete the details of furniture 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 operations 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 Stories

- 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 Stories

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
- JavaScript: 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
- MySQL: MySQL database 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: 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

CHAPTER-3

INSTALLATION AND INSTRUCTIONS

3.1 Installation Steps:

1. Java 11 jdk -> double click -> proceed with default settings
2. MySQL -> double click -> proceed with default settings
 - a. Search -> pgAdmin after postgres installation completes
3. Vscode -> double click -> proceed with default settings
4. Postman -> double click -> proceed with default settings
5. Eclipse -> extract zip file -> run

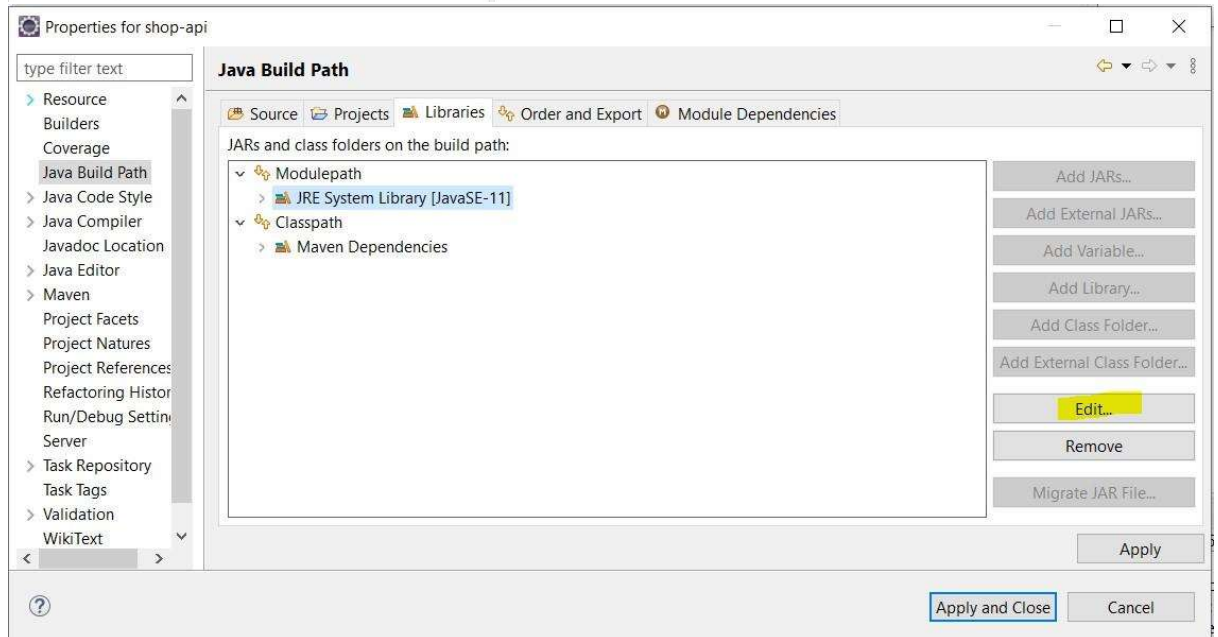
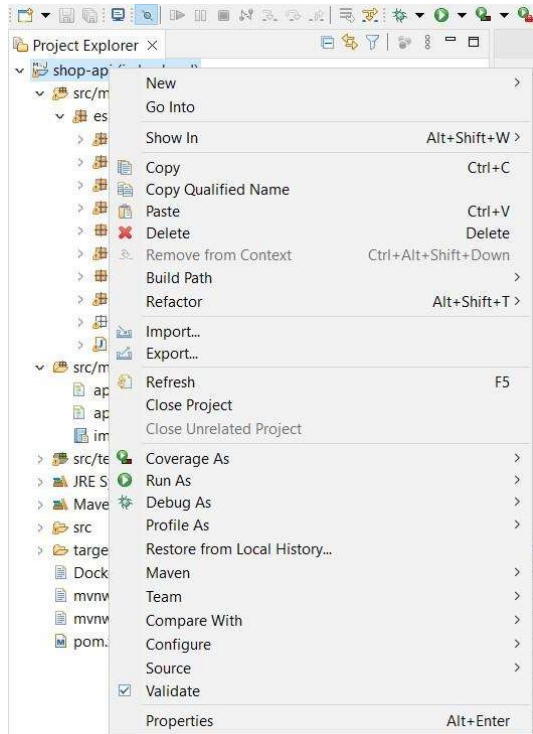
PC > Downloads > capstone project > eclipse

Name	Date modified	Type	Size
configuration	20-06-2022 09:06	File folder	
dropins	02-12-2021 17:17	File folder	
features	02-12-2021 17:17	File folder	
p2	25-06-2022 07:18	File folder	
plugins	02-12-2021 17:17	File folder	
readme	02-12-2021 17:17	File folder	
.eclipseproduct	24-11-2021 23:05	ECLIPSEPRODUCT ...	1 KB
artifacts	02-12-2021 17:17	XML Document	271 KB
eclipse	02-12-2021 17:22	Application	519 KB
eclipse	02-12-2021 17:17	Configuration setti...	1 KB
eclipsec	02-12-2021 17:23	Application	231 KB

- a.
- b. double click -> eclipse application -> (pin to task bar if required)

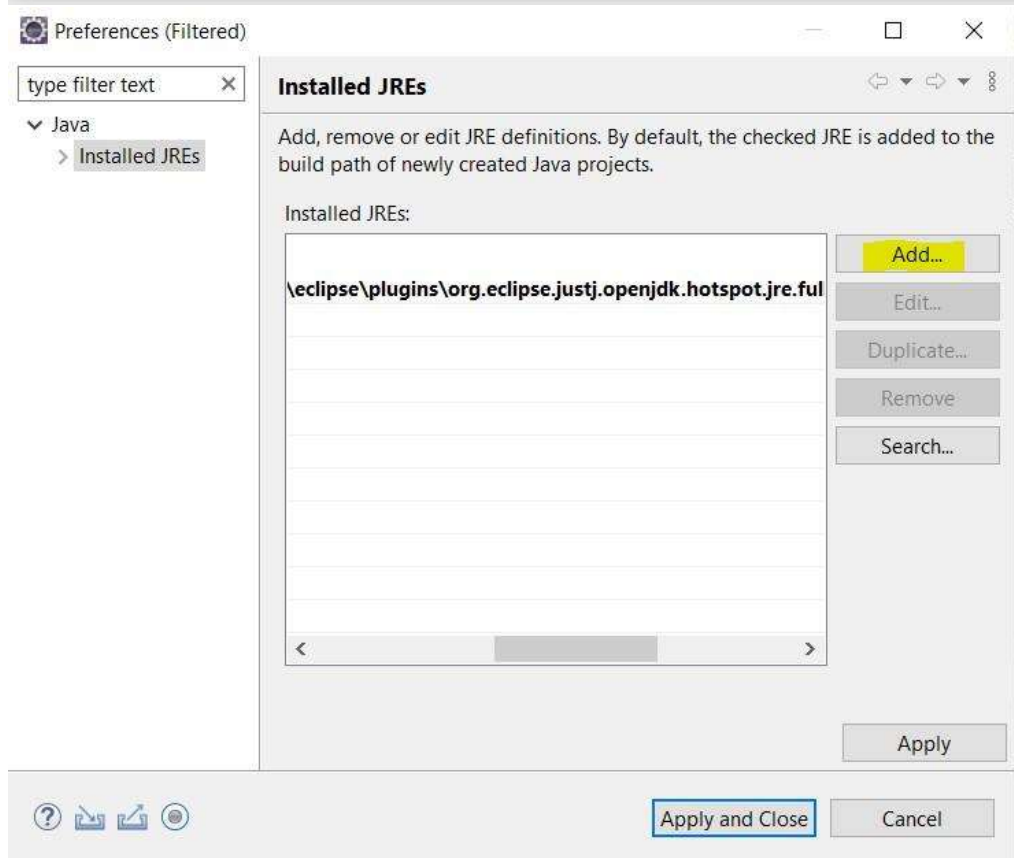
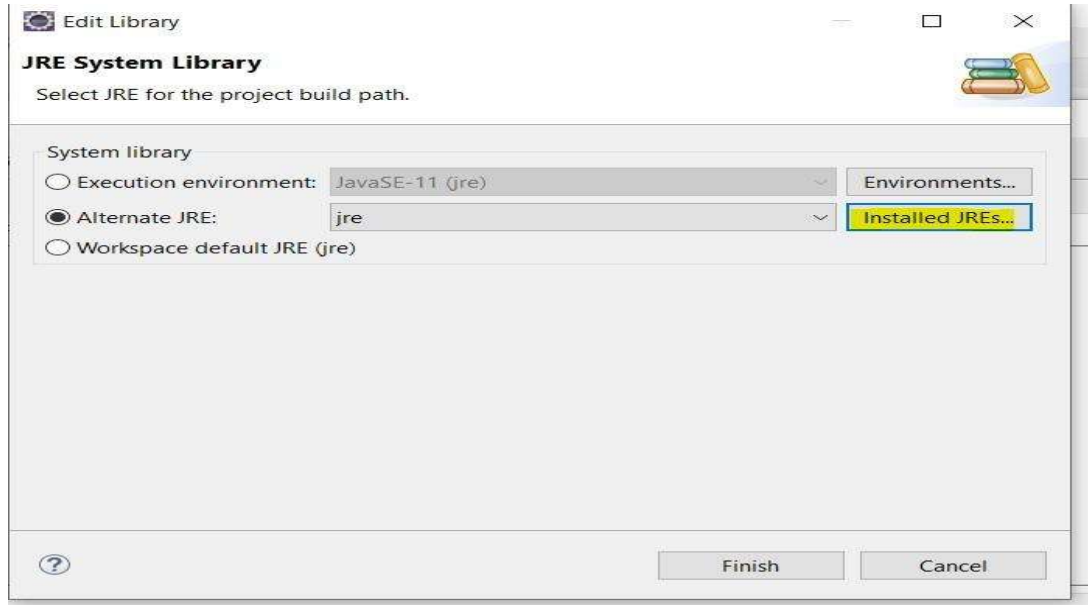
3.2 Import Backend project in Eclipse:

1. Create Eclipse workspace
2. Import Backend Project in workspace
3. Change properties -> right click -> properties

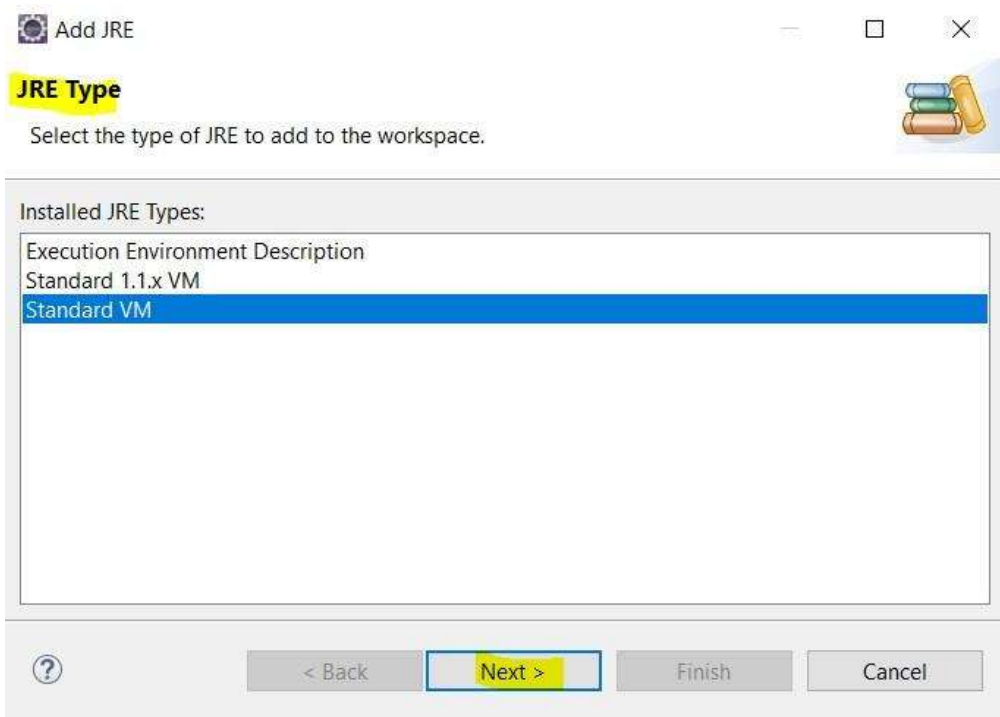


4.

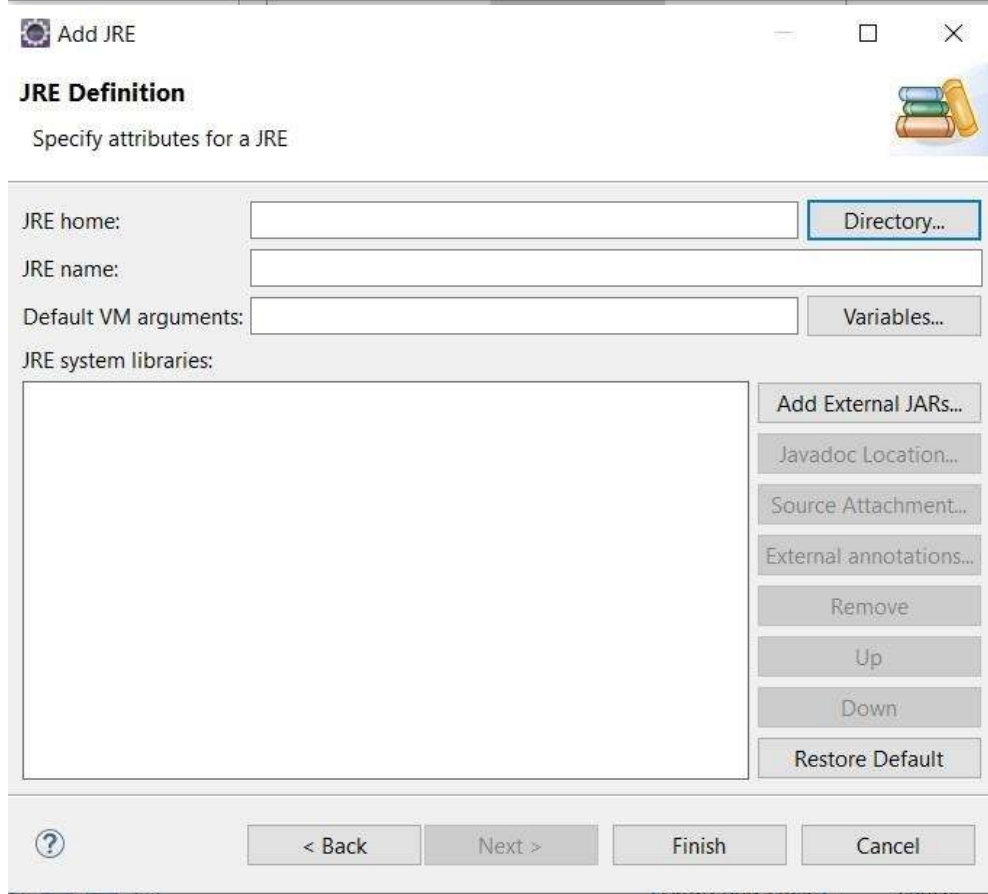
5.



6.



7.

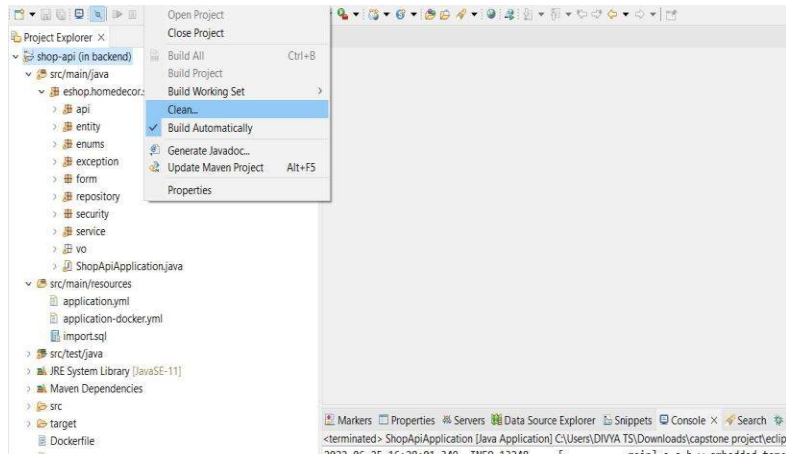


8.

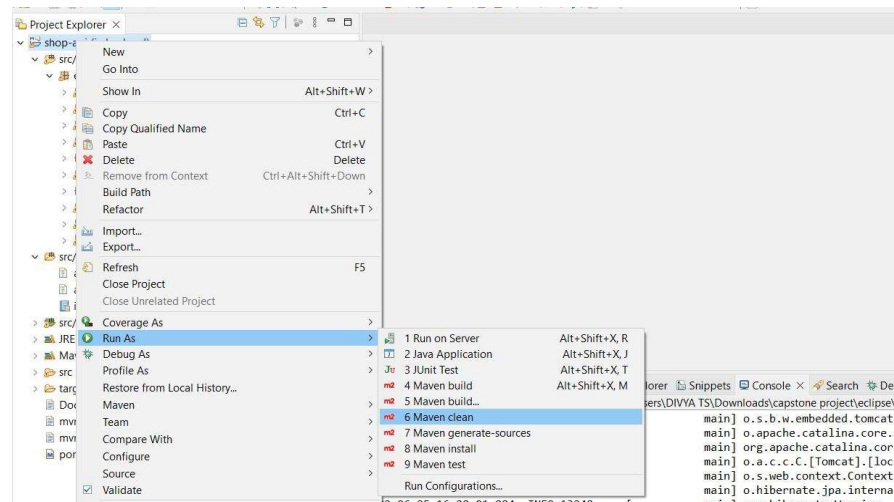
9.

Select Java directory (eg C:\Program Files\Java\jdk-11.0.14)

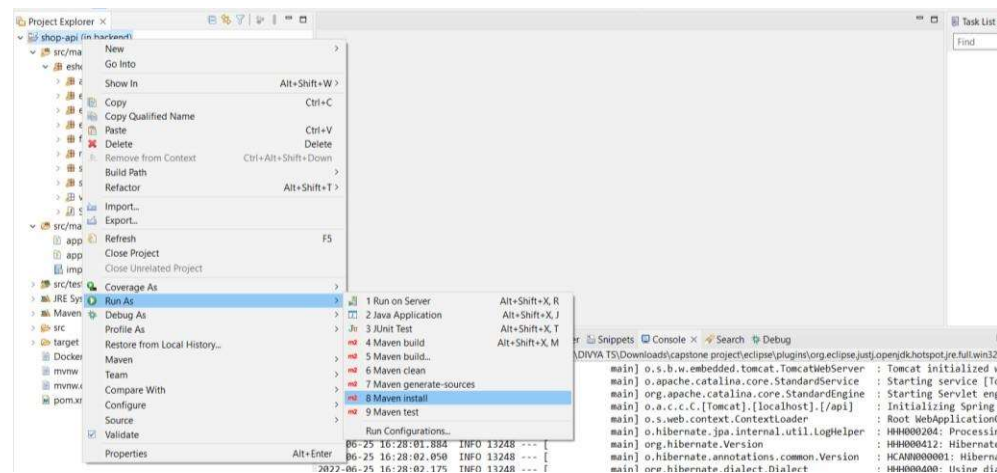
Then Do Project clean and Build.



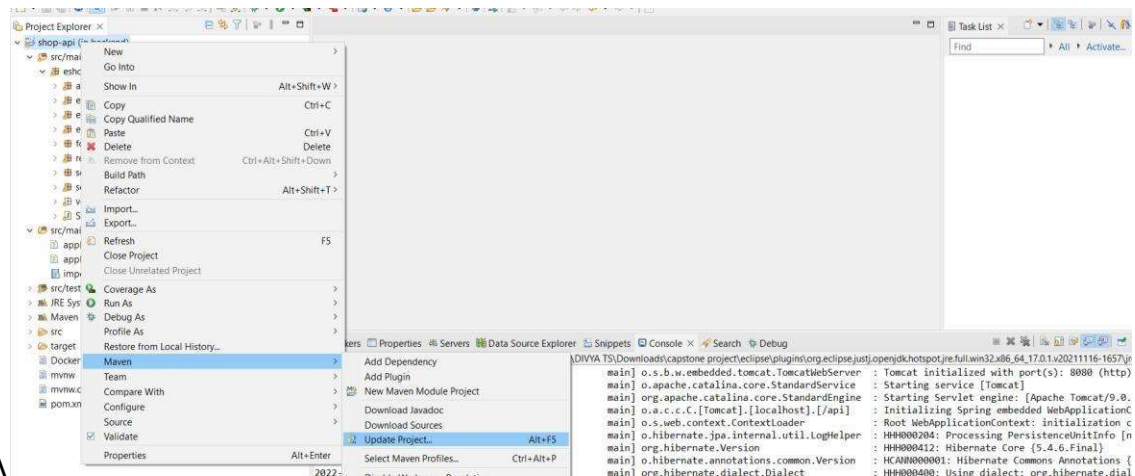
Then do maven clean



Maven install

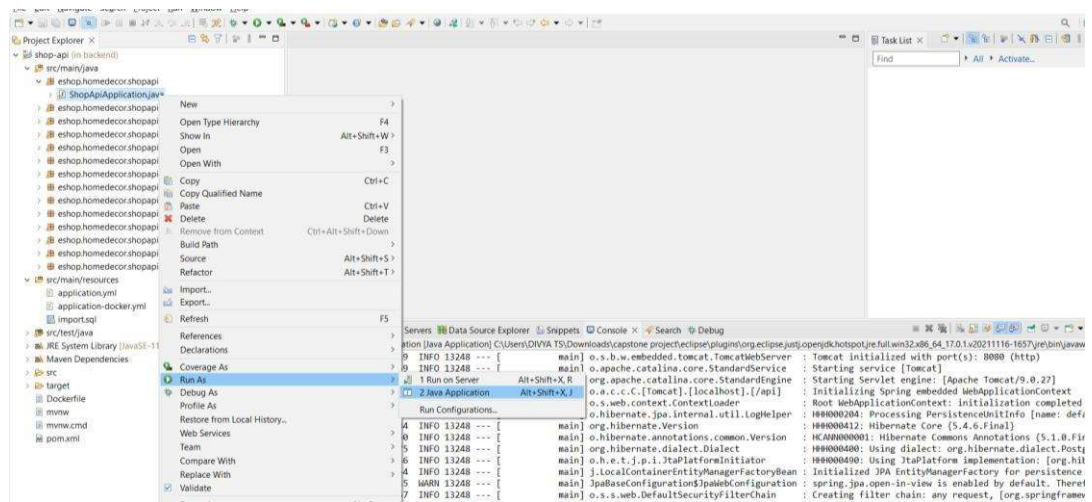


Maven Update



Start Server

Before starting application -> create DB and add required tables



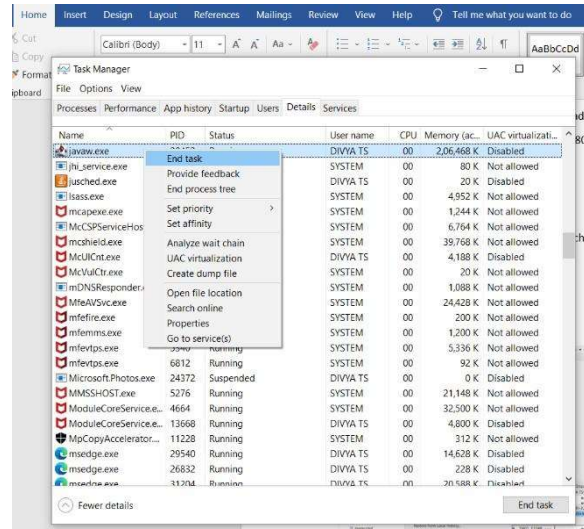
Then start the server (Note: Make sure port 8080 is not used by any other application)

3.3 Known Issues:

Port 8080 is already in use

How to Fix:

Open Task Manager -> details -> search with -> javaw.exe / java.exe >
Right Click -> End Task



3.4 Front End

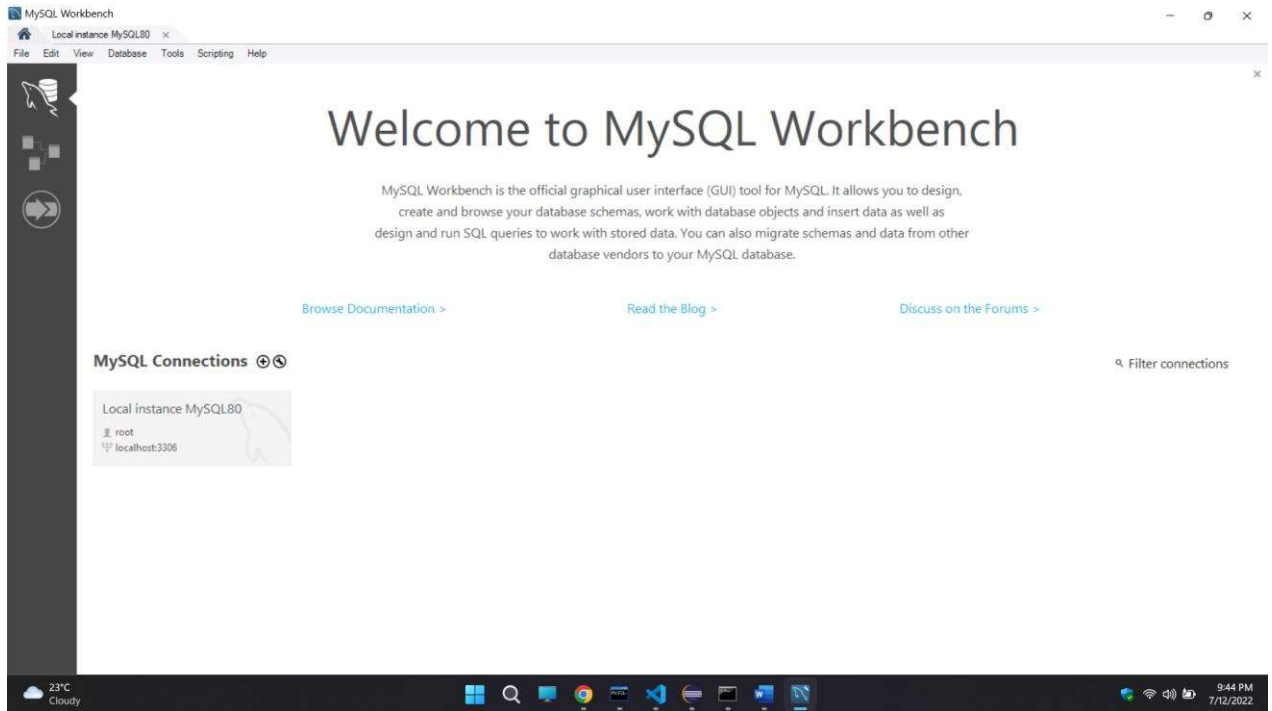
From your local Frontend code path -> open cmd

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

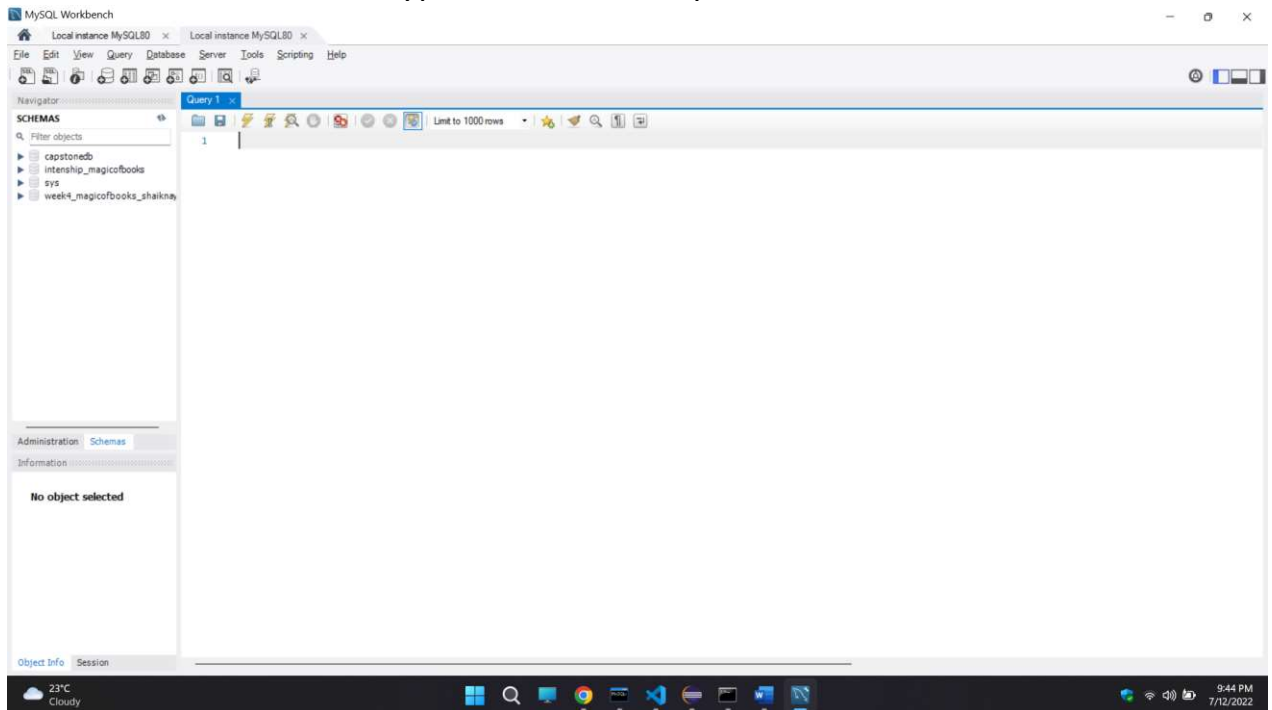
- ❏ Run this command -- **code**.
- ❏ Run **Npm install** from vs code terminal
- ❏ Run npm start
- ❏ After the successful compiling you got this link in terminal localhost/4200.
- ❏ Open this link in google chrome

3.5 Database

- ❏ Install MY SQL
- ❏ After installation search MY SQL in your computer
- ❏ Open that MYSQL



C This type of screen will open.



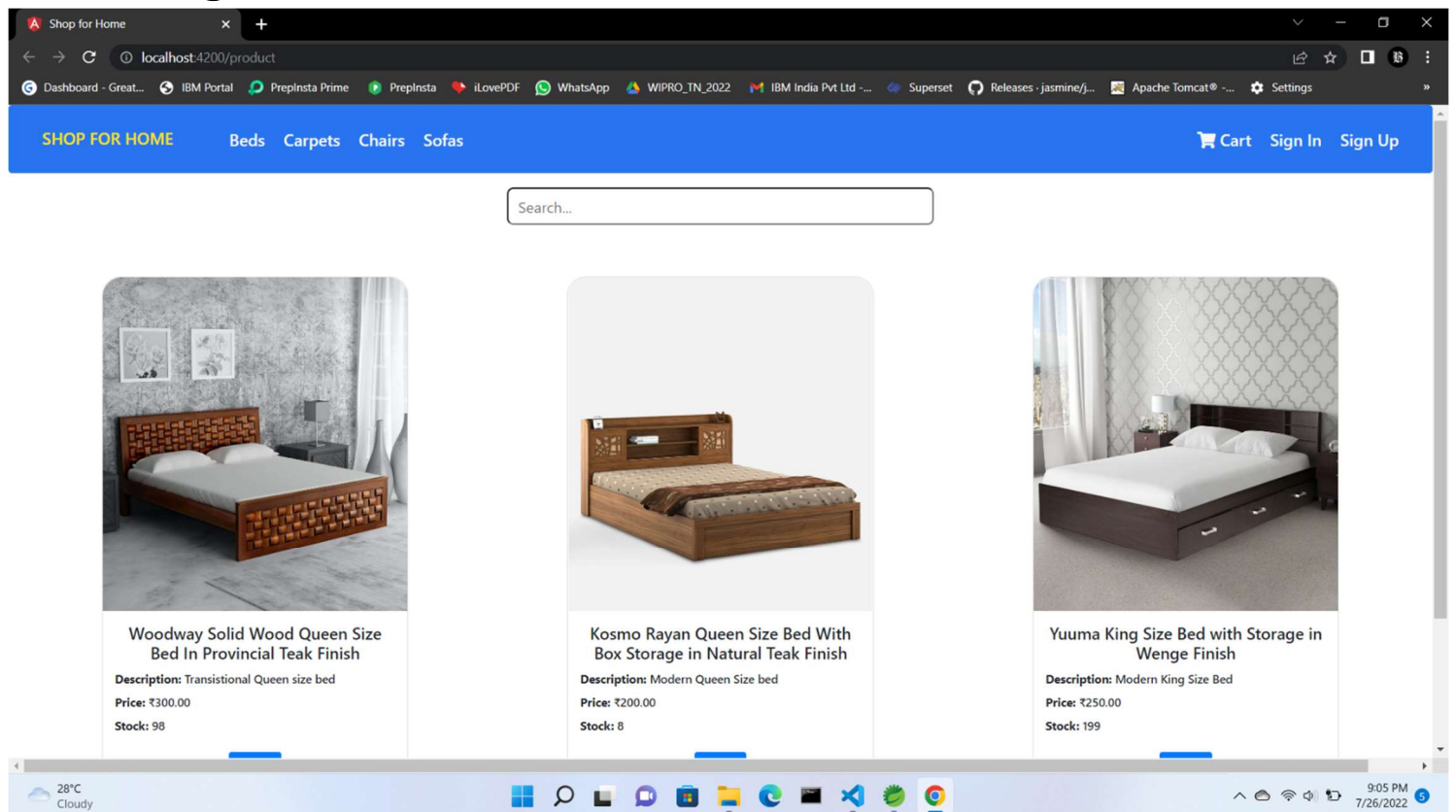
C Open this query editor and You can run the query from sql file.

C Run the query.

CHAPTER-4

RESULT

Home Page:



Registration:

Shop for Home

localhost:4200/register

Dashboard - Great...IBM PortalPreplnsta PrimePreplnsta iLovePDFWhatsAppWIPRO_TN_2022IBM India Pvt Ltd ~...SupersetReleases - jasmine/...Apache Tomcat® ~...Settings

SHOP FOR HOME

BedsCarpetsChairsSofas

CartSign InSign Up

Sign Up

Email address

r15babitha@gmail.com

Name

Babitha

Password

...


Phone

12365478896


Address

789


Sign Up



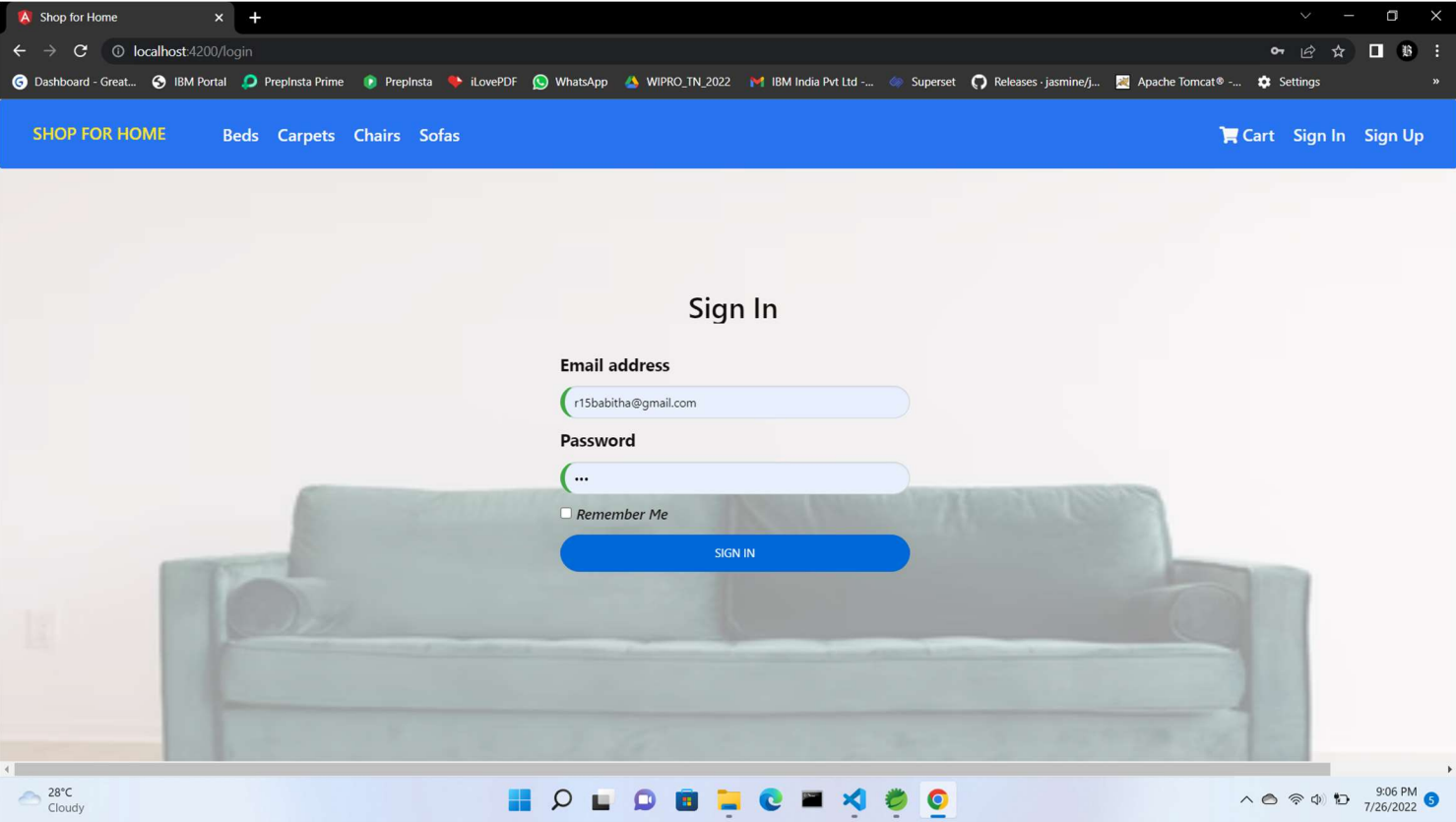
28°C Cloudy



9:06 PM7/26/2022



Login:



Wishlist:

Shop for Home

localhost:4200/wishlist


Dashboard - Great...IBM PortalPreplnsta PrimePreplnsta iLovePDFWhatsAppWIPRO_TN_2022IBM India Pvt Ltd ...SupersetReleases - jasmine/j...Apache Tomcat® ...Settings

SHOP FOR HOME

BedsCarpetsChairsSofas


CartWishlistOrdersBabithaSign Out

My WishList

Photo	ID	Name	Price	Action
	B0002	Kosmo Rayan Queen Size Bed With Box Storage in Natural Teak Finish	₹200.00	Remove

localhost:4200/wishlist

28°C Cloudy



9:06 PM7/26/2022

Add To Cart:

Shop for Home

localhost:4200/cart


Dashboard - Great...IBM PortalPreplnsta PrimePreplnsta iLovePDFWhatsAppWIPRO_TN_2022IBM India Pvt Ltd ...SupersetReleases - jasmine/j...Apache Tomcat® -...Settings

SHOP FOR HOME

BedsCarpetsChairsSofas

CartWishlistOrdersBabithaSign Out

My Cart

Photo	Name	Price	Quantity	Subtotal	Action
	Kosmo Rayan Queen Size Bed With Box Storage in Natural Teak Finish	₹200.00	<div><div>-</div><div>1</div><div>+</div></div>	₹200.00	Remove

Select Coupon

COUPON APPLIED :

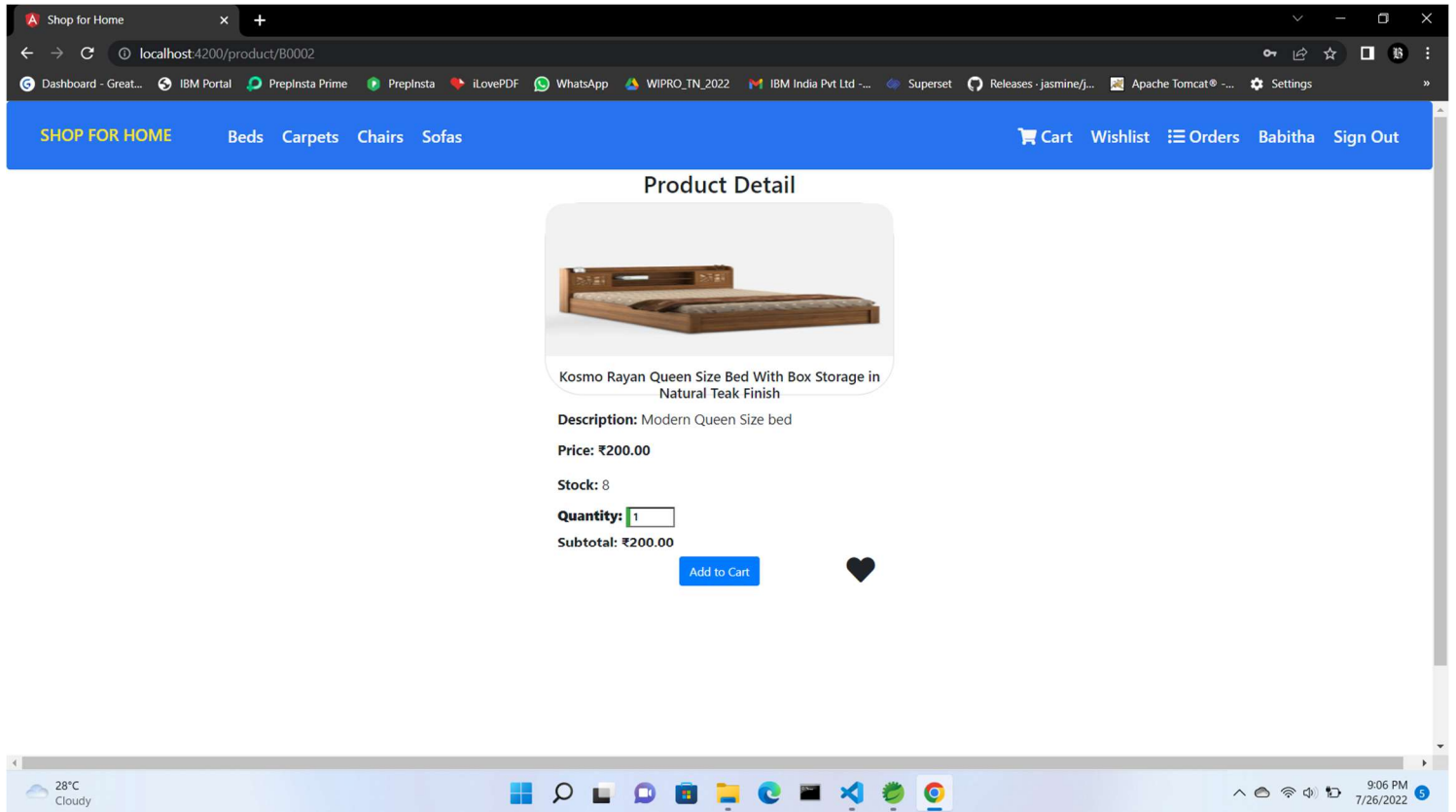
Total: ₹200.00

Checkout

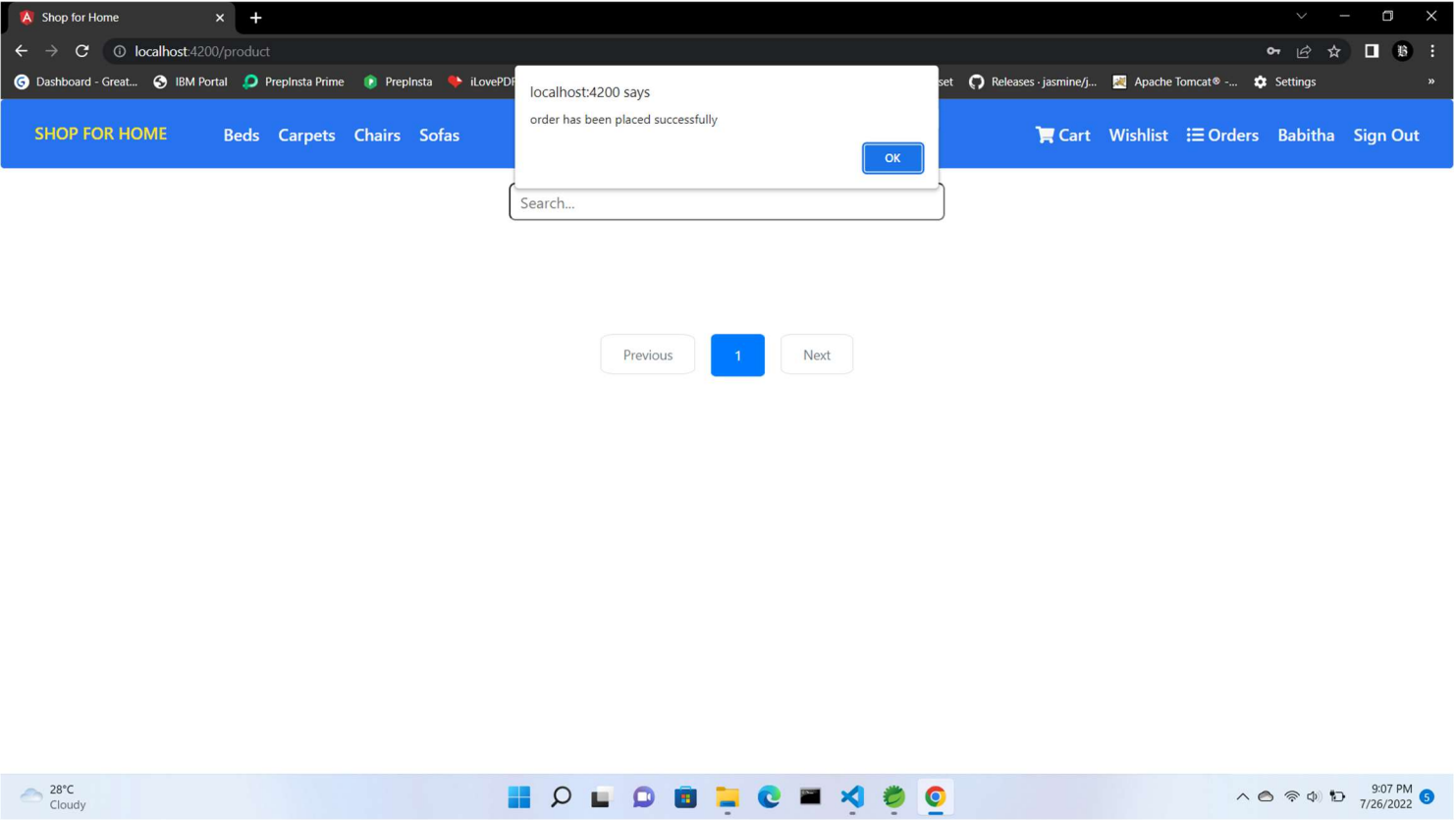
28°C Cloudy



9:06 PM7/26/2022



Order Placed :



List Of All Orders :

Shop for Home

localhost:4200/order

Dashboard - Great...IBM PortalPreplnsta PrimePreplnstaILovePDFWhatsAppWIPRO_TN_2022IBM India Pvt Ltd ...SupersetReleases - jasmine/j...Apache Tomcat® - ...Settings

SHOP FOR HOME

BedsCarpetsChairsSofas

CartWishlistOrdersBabithaSign Out

Orders

Order #	Customer Name	Customer Email	Customer phone	Shipping Address	Total	Order Data	Status	Action
84	Babitha	r15babitha@gmail.com	9515151605	5-922/123	₹200.00	Jul 26, 2022	New	Show Cancel
59	Babitha	r15babitha@gmail.com	+919515151605	5-922/1	₹300.00	Jul 26, 2022	New	Show Cancel
57	Babitha	r15babitha@gmail.com	+919515151605	5-922/1	₹250.00	Jul 26, 2022	New	Show Cancel
55	Babitha	r15babitha@gmail.com	+919515151605	5-922/1	₹600.00	Jul 24, 2022	New	Show Cancel
53	Babitha	r15babitha@gmail.com	+919515151605	5-922/1	₹36,000.00	Jul 24, 2022	New	Show Cancel
50	Babitha	r15babitha@gmail.com	+919515151605	5-922/1	₹400.00	Jul 24, 2022	New	Show Cancel
65	Babitha	r15babitha@gmail.com	+919515151605	5-922/1	₹30.00	Jul 26, 2022	Finished	Show
39	Babitha	r15babitha@gmail.com	+919515151605	5-922/1	₹450.00	Jul 22, 2022	Finished	Show
36	Babitha	r15babitha@gmail.com	+919515151605	5-922/1	₹300.00	Jul 22, 2022	Finished	Show

27°C
Partly cloudy

9:07 PM
7/26/2022

CRUD On Products By Admin :

Shop for Home

localhost:4200/seller/product

Dashboard - Great...IBM PortalPreplnsta PrimePreplnsta iLovePDFWhatsAppWIPRO_TN_2022IBM India Pvt Ltd - ...SupersetReleases - jasmine/f...Apache Tomcat® - ...Settings





SHOP FOR HOME

UsersStocksOrdersAdminSign Out


Products

Choose FileNo file chosen

Upload

Photo	Code	Name	Type	Description	Price	Stock	Status	Action	Mail
	B0001	Woodway Solid Wood Queen Size Bed In Provincial Teak Finish	Beds	Transistional Queen size bed	₹300.00	98	Available	Edit	email
	B0002	Kosmo Rayan Queen Size Bed With Box Storage in Natural Teak Finish	Beds	Modern Queen Size bed	₹200.00	7	Available	Edit	email
	B0003	Yuuma King Size Bed with Storage in Wenge Finish	Beds	Modern King Size Bed	₹250.00	199	Available	Edit	email
	B0004	Vayaka Solid Wood King Size Poster Bed In Provincial Teak Finish	Beds	Poster Beds	₹500.00	199	Available	Edit	email

27°C
Partly cloudy



9:07 PM
7/26/2022

Photo	Code	Name	Type	Description	Price	Stock	Status	Action	Mail
	B0001	Woodway Solid Wood Queen Size Bed In Provincial Teak Finish	Beds	Transistional Queen size bed	₹300.00	98	Available	Edit	email
	B0002	Kosmo Rayan Queen Size Bed With Box Storage in Natural Teak Finish	Beds	Modern Queen Size bed	₹200.00	7	Available	Edit	email
	B0003	Yuuma King Size Bed with Storage in Wenge Finish	Beds	Modern King Size Bed	₹250.00	199	Available	Edit	email
	B0004	Vayaka Solid Wood King Size Poster Bed In Provincial Teak Finish	Beds	Poster Beds	₹500.00	199	Available	Edit	email

Shop for Home

localhost:4200/seller/product/B0001/edit

Dashboard - Great...IBM PortalPreplnsta PrimePreplnsta iLovePDFWhatsAppWIPRO_TN_2022IBM India Pvt Ltd ...SupersetReleases - jasmine/f...Apache Tomcat® - ...Settings

SHOP FOR HOME

UsersStocksOrdersAdminSign Out

Edit Product

Code

B0001

Photo Link

https://ii1.pepperfry.com/media/catalog/product/w/o/800x880/woodway-solid-wood-queen-size-bed-in-f

Name

Woodway Solid Wood Queen Size Bed In Provincial Teak Finish

Category

Furniture

Description

Transitional Queen size bed

Price

300

Stock

98

Status

Available

Submit

27°C
Partly cloudy

9:07 PM
7/26/2022

5

All Orders (Admin) :

Shop for Home

localhost:4200/order

Dashboard - Great... IBM Portal Preplnsta Prime Preplnsta iLovePDF WhatsApp WIPRO_TN_2022 IBM India Pvt Ltd ... Superset Releases - jasmine/f... Apache Tomcat® - ... Settings

SHOP FOR HOME

Users Stocks Orders Admin Sign Out

Orders

Order #	Customer Name	Customer Email	Customer phone	Shipping Address	Total	Order Data	Status	Action
84	Babitha	r15babitha@gmail.com	9515151605	5-922/123	₹200.00	Jul 26, 2022	New	Show Cancel Finish
59	Babitha	r15babitha@gmail.com	+919515151605	5-922/1	₹300.00	Jul 26, 2022	New	Show Cancel Finish
57	Babitha	r15babitha@gmail.com	+919515151605	5-922/1	₹250.00	Jul 26, 2022	New	Show Cancel Finish
55	Babitha	r15babitha@gmail.com	+919515151605	5-922/1	₹600.00	Jul 24, 2022	New	Show Cancel Finish
53	Babitha	r15babitha@gmail.com	+919515151605	5-922/1	₹36,000.00	Jul 24, 2022	New	Show Cancel Finish
50	Babitha	r15babitha@gmail.com	+919515151605	5-922/1	₹400.00	Jul 24, 2022	New	Show Cancel

27°C
Partly cloudy

9:07 PM
7/26/2022

Discount :

Shop for Home

localhost:4200/cart


Dashboard - Great...IBM PortalPreplnsta PrimePreplnsta iLovePDFWhatsAppWIPRO_TN_2022IBM India Pvt Ltd - ...SupersetReleases - jasmine/f...Apache Tomcat® - ...Settings

SHOP FOR HOME

BedsCarpetsChairsSofas

CartWishlistOrdersBabithaSign Out

My Cart

Photo	Name	Price	Quantity	Subtotal	Action
	Kosmo Rayan Queen Size Bed With Box Storage in Natural Teak Finish	₹200.00	<div><div>-</div><div>1</div><div>+</div></div>	₹200.00	Remove

Select Coupon

Select Coupon

20% OFF

COUPON APPLIED

Total: ₹200.00

Checkout

28°C Cloudy



9:06 PM

7/26/2022

CHAPTER-5

CONCLUSION

The Shop for Home application thus contains all the requirements for the user to conveniently shop from the wide range of varieties in furniture. For the ease of access of the user we have included all the required features like Wishlist, categories of products, sorting of products, login, log out etc. Also keep it in the mind requirements of admin and user we added all of the accordingly.

CHAPTER-6

REFERENCE

<https://www.pepperfry.com/>