

VELOCITY CAPSTONE PROJECT

GROUP NAME: Java GCP IP C2- Group 5

TITLE: SHOP FOR HOME

GROUP MEMBERS

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INTRODUCTION

The COVID-19 pandemic has accelerated the shift towards a more digital world and it has forever changed online shopping behaviours, according to a survey of about 3,700 consumers in nine emerging and developed economies.

The lockdowns were lifted at many public places. But many of those in-person businesses are facing staffing shortages.

Meanwhile, we probably seen in hundreds of posts on LinkedIn, many office workers are facing the challenges of going back to work while the virus is still a factor for choosing to leave their jobs for a more remote-friendly company.

Despite those who call this the “post-COVID” era, the situation is still rapidly changing. But retail and ecommerce businesses have begun to see new behavioural shifts in shopping habits, as well as which changes over the past year show signs of sticking.

The digital economy boomed during the COVID-19 crisis. As people embraced social distancing, they turned to online shopping more than ever before. 67% of consumers report they shop differently now due to COVID-19.

Retailers stepped up to the challenge, not just by supporting more online sales, but by embracing emerging technologies that created connections with shoppers or made their customer experience more convenient.

So due to the rise of online shopping lot of stores want the web applications like that “Shop For Home” is a one of the stores which wants a website.

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 cloud platforms and wants their own web application.

There are 2 users on the application: 1. User
2. Admin

User Functionalities:

- 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 coupons.

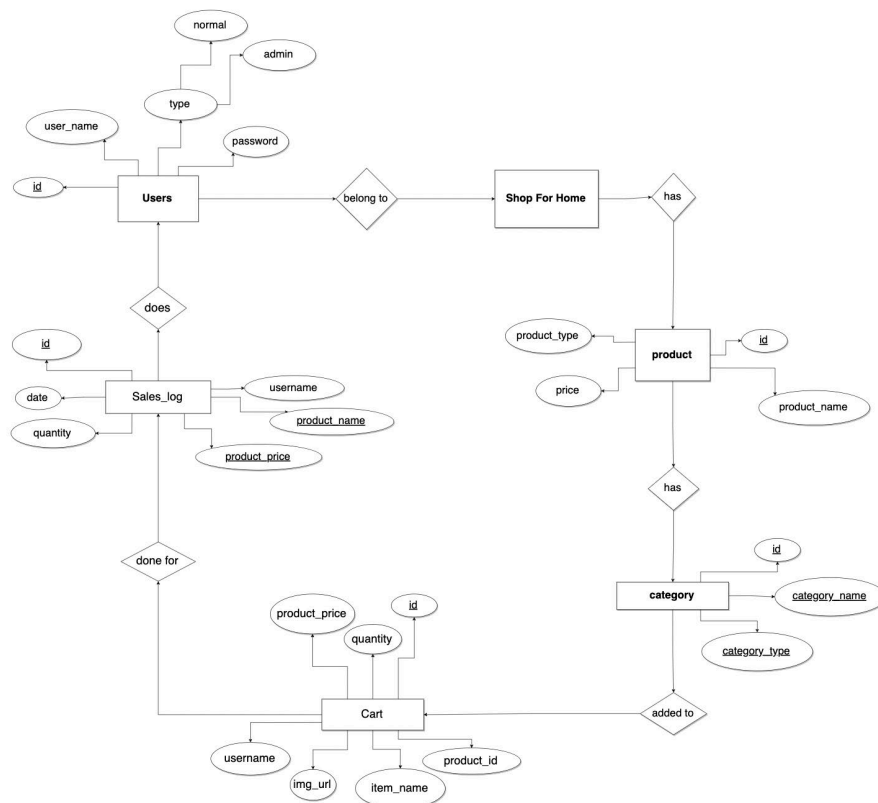
Admin Functionalities:

- 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 the discount coupons for the specific set of users.

SOFTWARE USED:

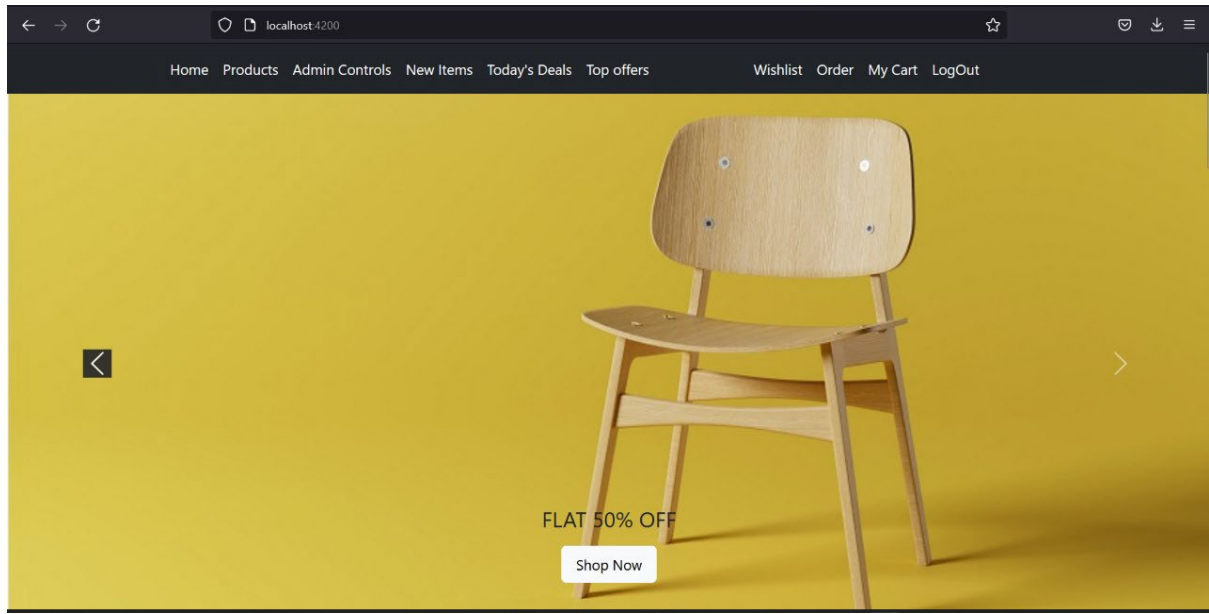
1. Front end: Angular
2. Back end: Java spring boot
3. Database: My SQL
4. Server: Tomcat

E-R DIAGRAM:

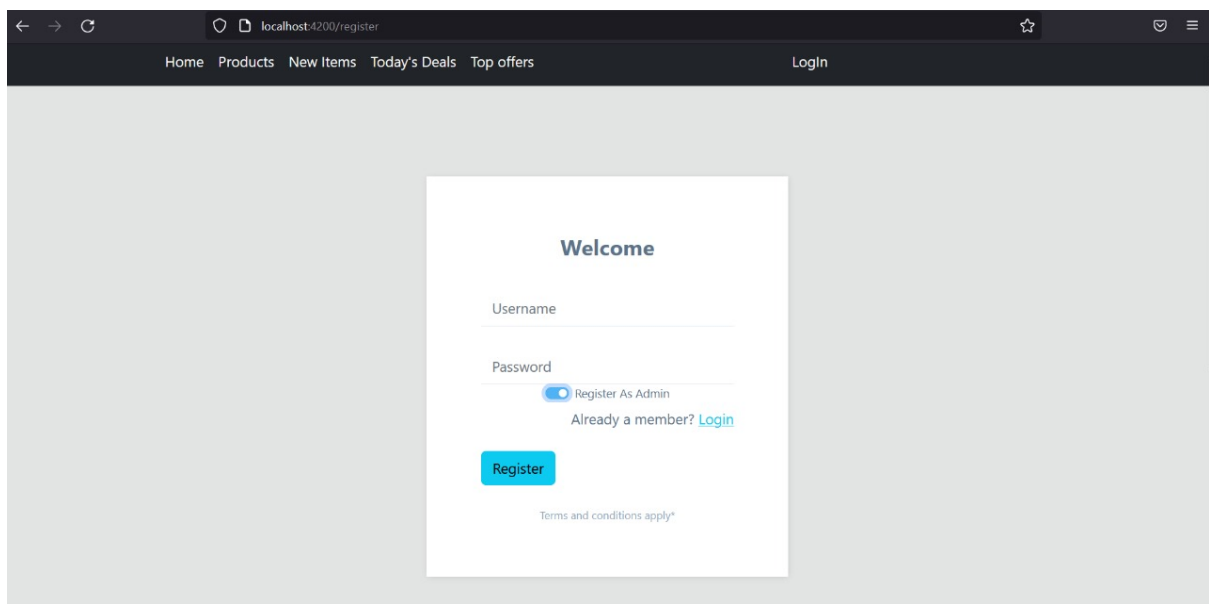


MODULES

HOME PAGE:



REGISTER PAGE:



LOGIN PAGE:

localhost:4200/login

Home Products New Items Today's Deals Top offers Login

Login

Username

Password

Not a member? [Register](#)

Login

[Terms and conditions apply*](#)

SEARCH FUNCTION:

localhost:4200/products

Home Products Admin Controls New Items Today's Deals Top offers Wishlist Order My Cart LogOut

Filters:- Product type:- Sort by:- Apply

KOLAX
PELLO

TRATTVIVA

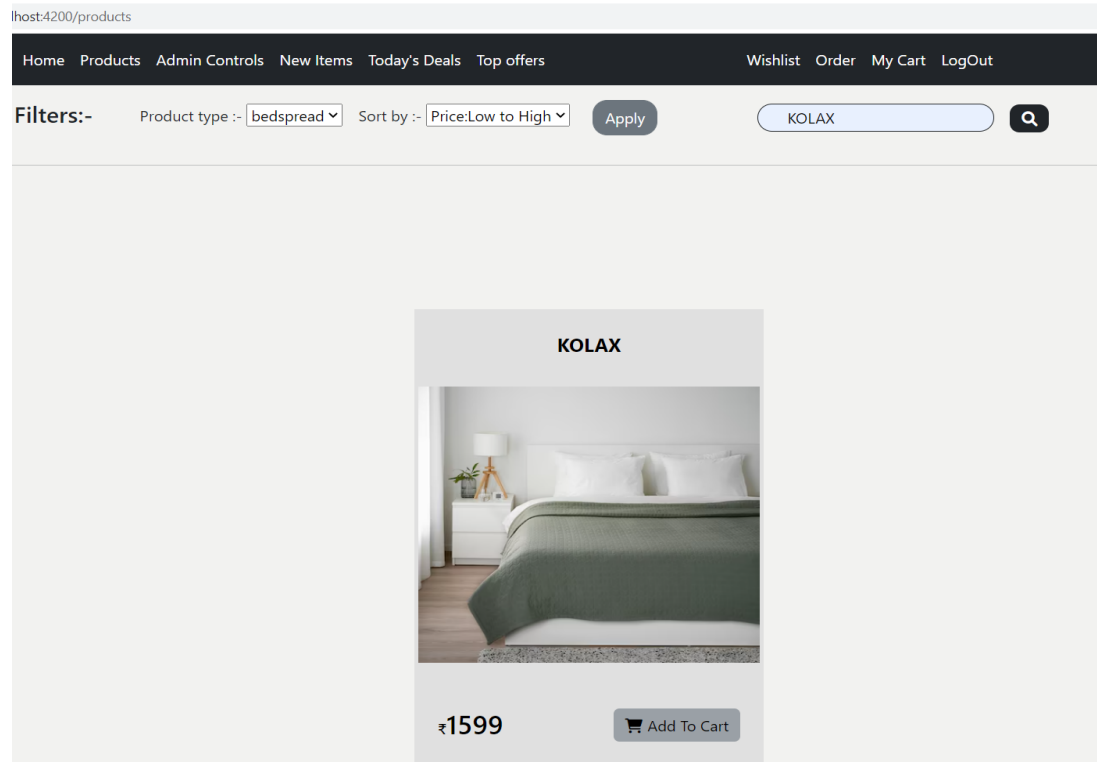
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URSPRUNGLIG

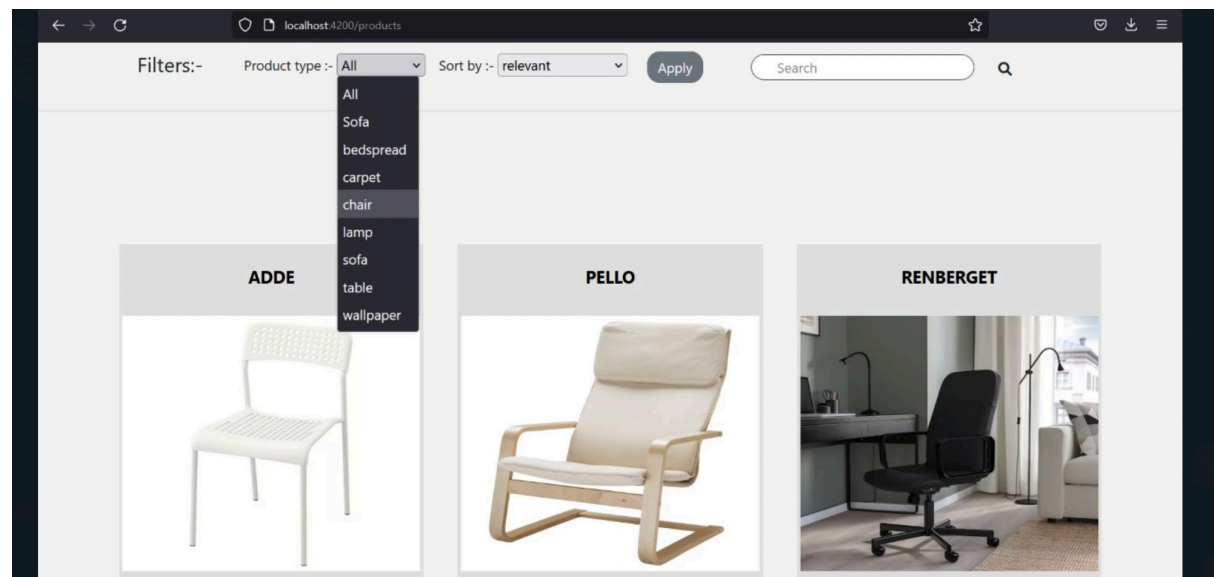
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INGABRITTA

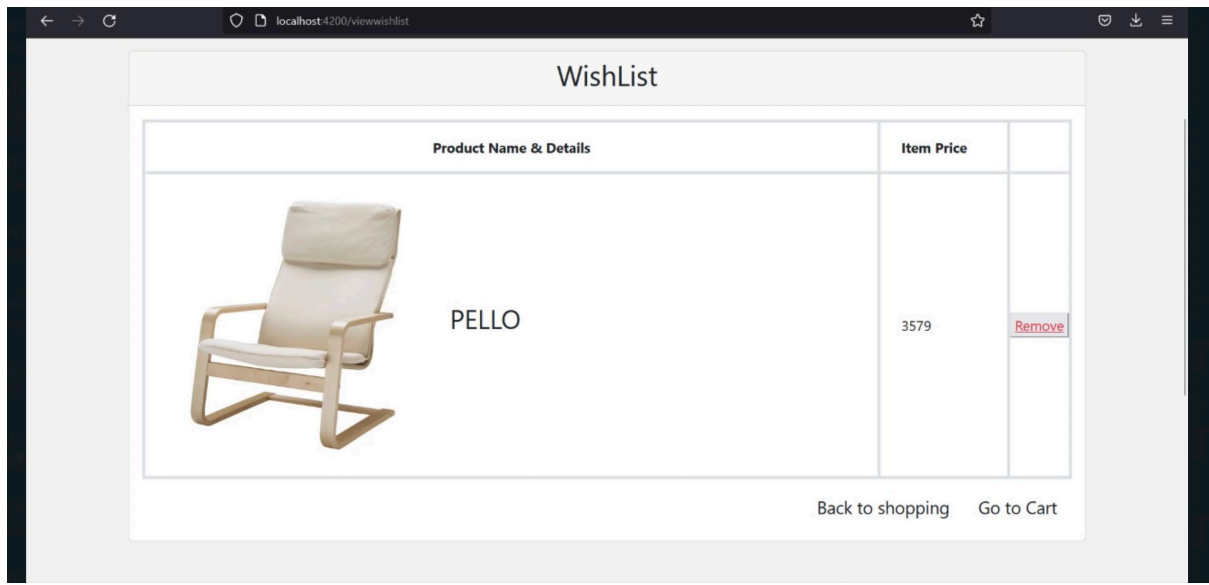
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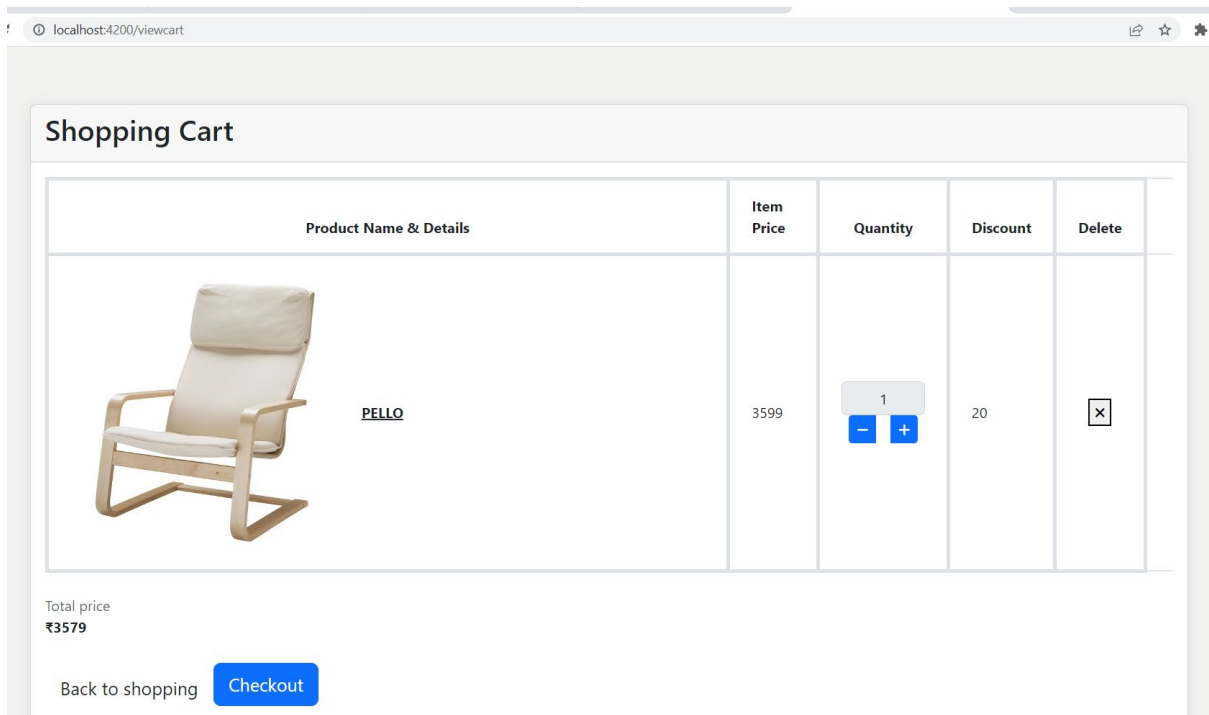
PRODUCT CATEGORIES:



WISHLIST:







CART:



ORDER DETAILS:

← → ↻ localhost:4200/track ☆ 🛒 ⬇️ ☰				
Home Products Admin Controls New Items Today's Deals Top offers Wishlist Order My Cart LogOut				
Product name	Product Price	Product Quantity	Ordered Date	Estimated Delivery Date
ADDE	999	1	20/7/2022-11:27:51	14 Days
TERTIAL	1299	3	23/7/2022-16:51:9	14 Days

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Company Info

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[Payment Policy](#)

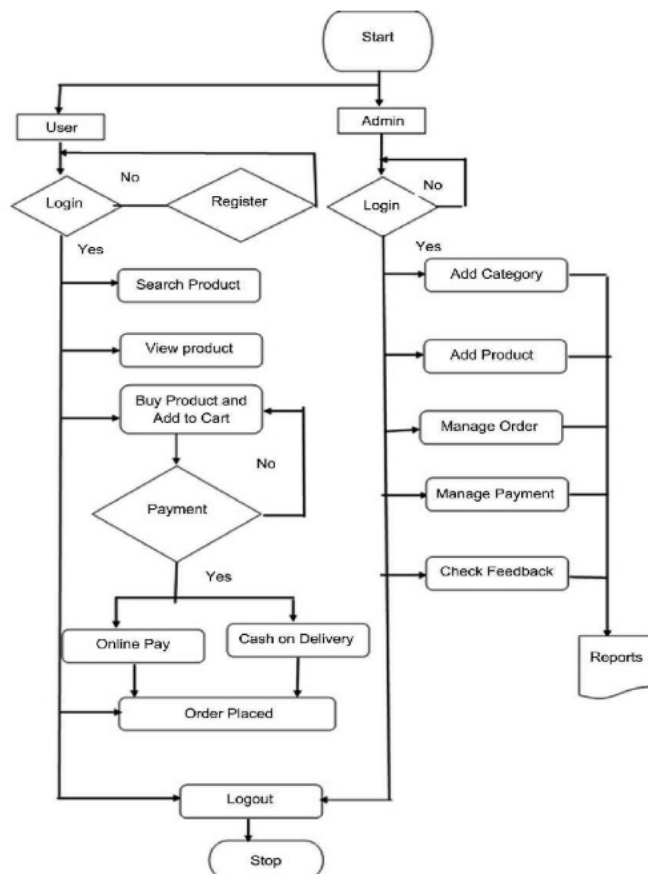
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FLOWCHART:



CONCLUSION:

1. Being able to buy anytime, anyplace, anywhere provides exciting opportunities to the costumers and these benefits are likely to increase over time.
2. The project could be enhanced very well as per the requirements in future.

FUTURE SCOPE:

1. The users could subscribe for price alerts which would enable them to receive messages when price for products fall below a particular level.
2. The current system is confined only to the shopping cart process. It can be extended to have an easy to use check out process.
3. Users can have multiple shipping and billing information saved.