



Shop For Home

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Capstone Project Batch C3 Group 3



Problem Statement

- ❖ ShopForHome is a popular Store in the market for shopping the home décor stuff.
- ❖ Due to Covid 19 all the offline shopping stopped.
- ❖ The store wants to move to the online platforms and wants their own web application.
- ❖ There are 2 users on the application: - User, Admin



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.



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.



Software Requirements



Technologies :

- Angular
- Java Spring Boot
- MySQL

Languages:

- TypeScript
- Java
- SQL
- HTML
- CSS

Operating System:

- Windows 7/8/10/11
- Linux Distros
- MacOS X or Later



Hardware Requirements



Processor :

- Intel or AMD dual core x86 processor

Ram :

- 4GB or Above

Operating System:

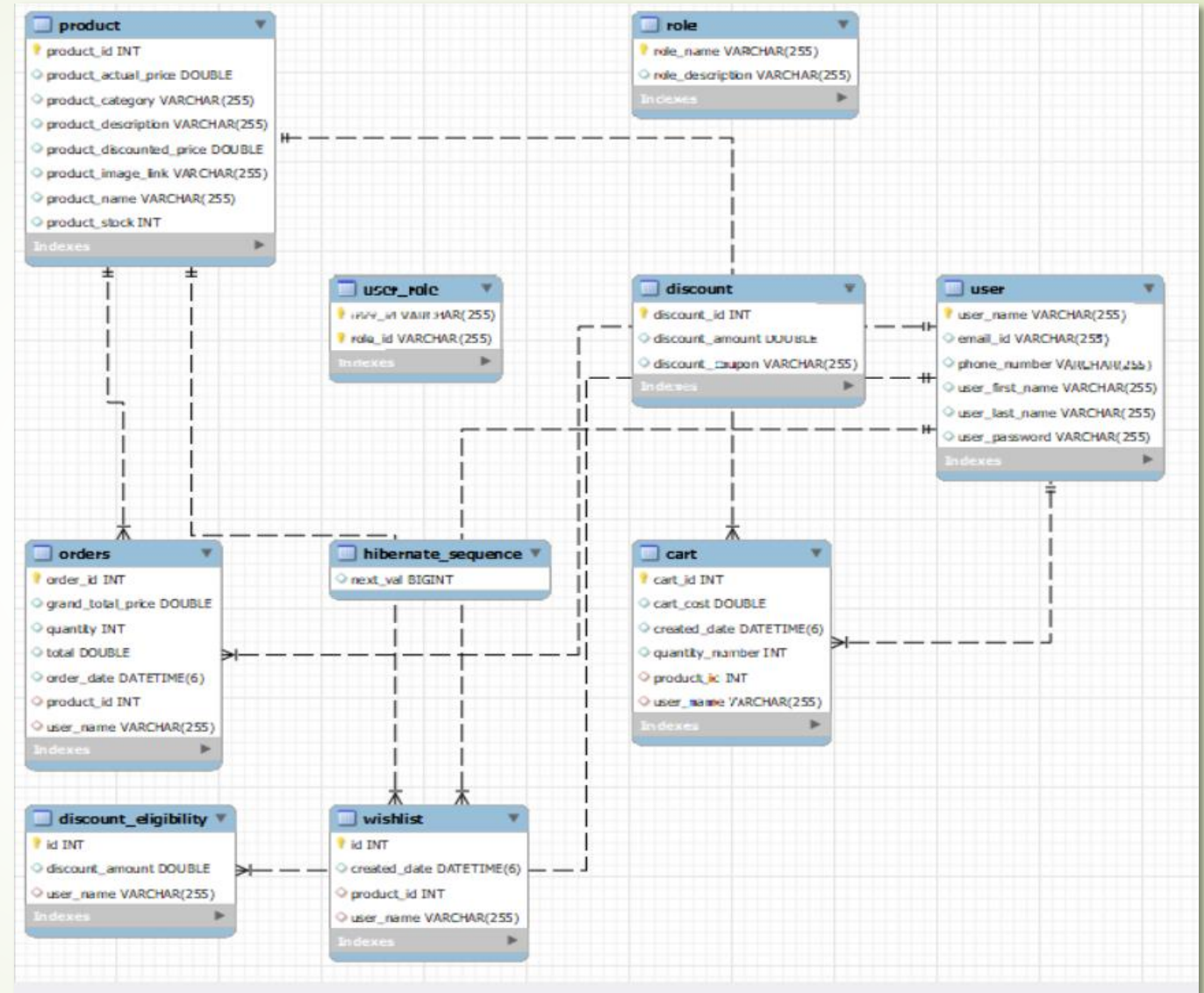
- 500MB of free disk space or more.



Entities in the Database

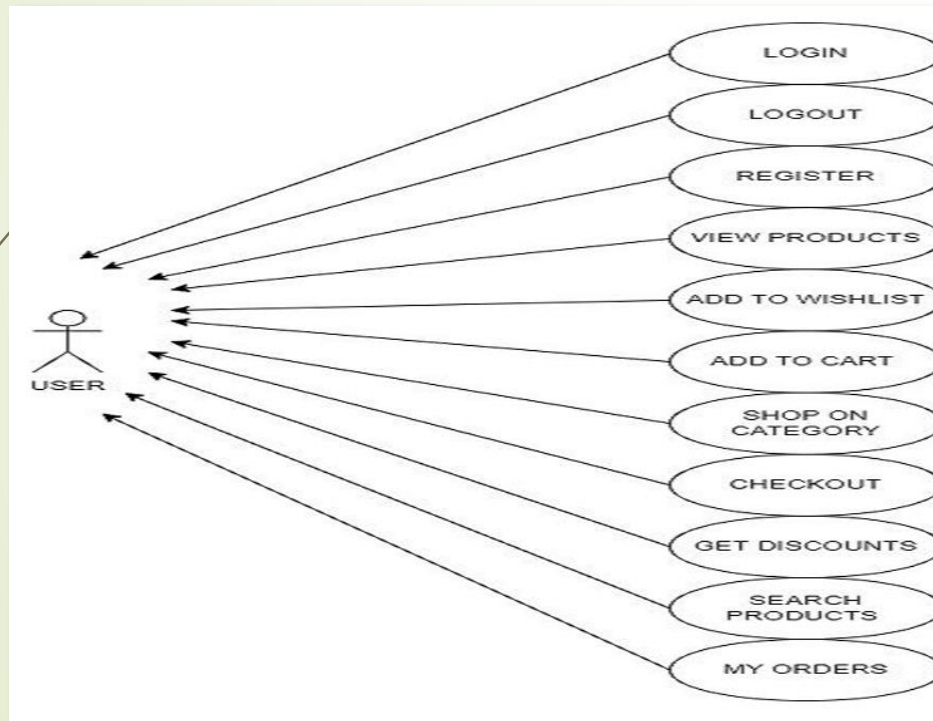
- ☐ Product
- ☐ Role
- ☐ Cart
- ☐ User
- ☐ User_Role
- ☐ Orders
- ☐ Discount
- ☐ Wishlist
- ☐ Discount_Eligility
- ☐ Hibernate_Sequence

EER Diagram

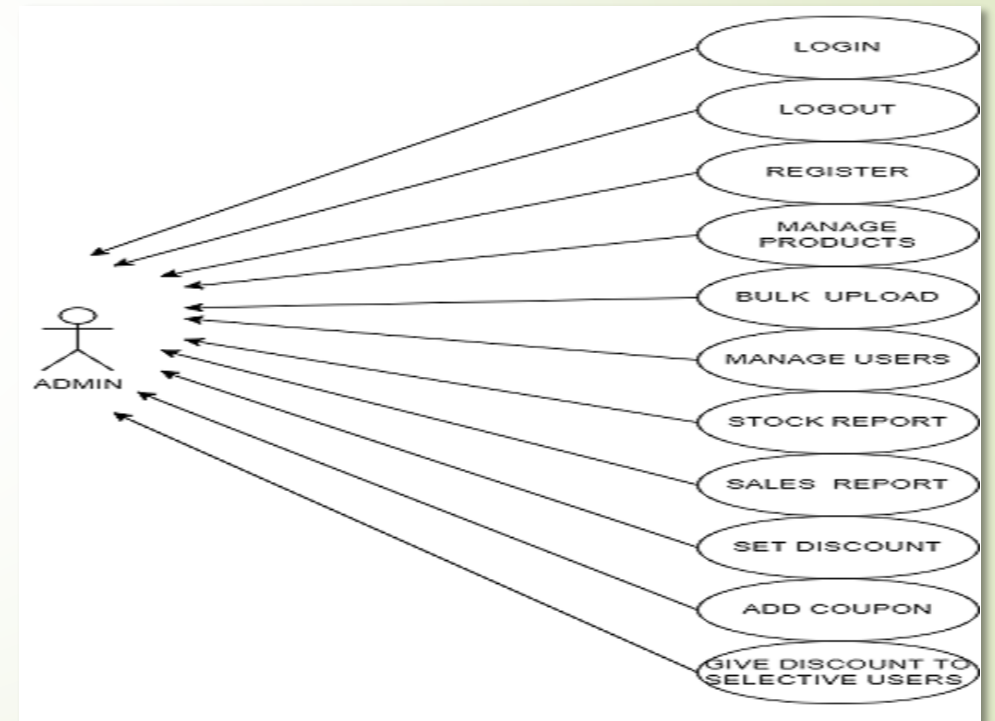


Use Case Diagram

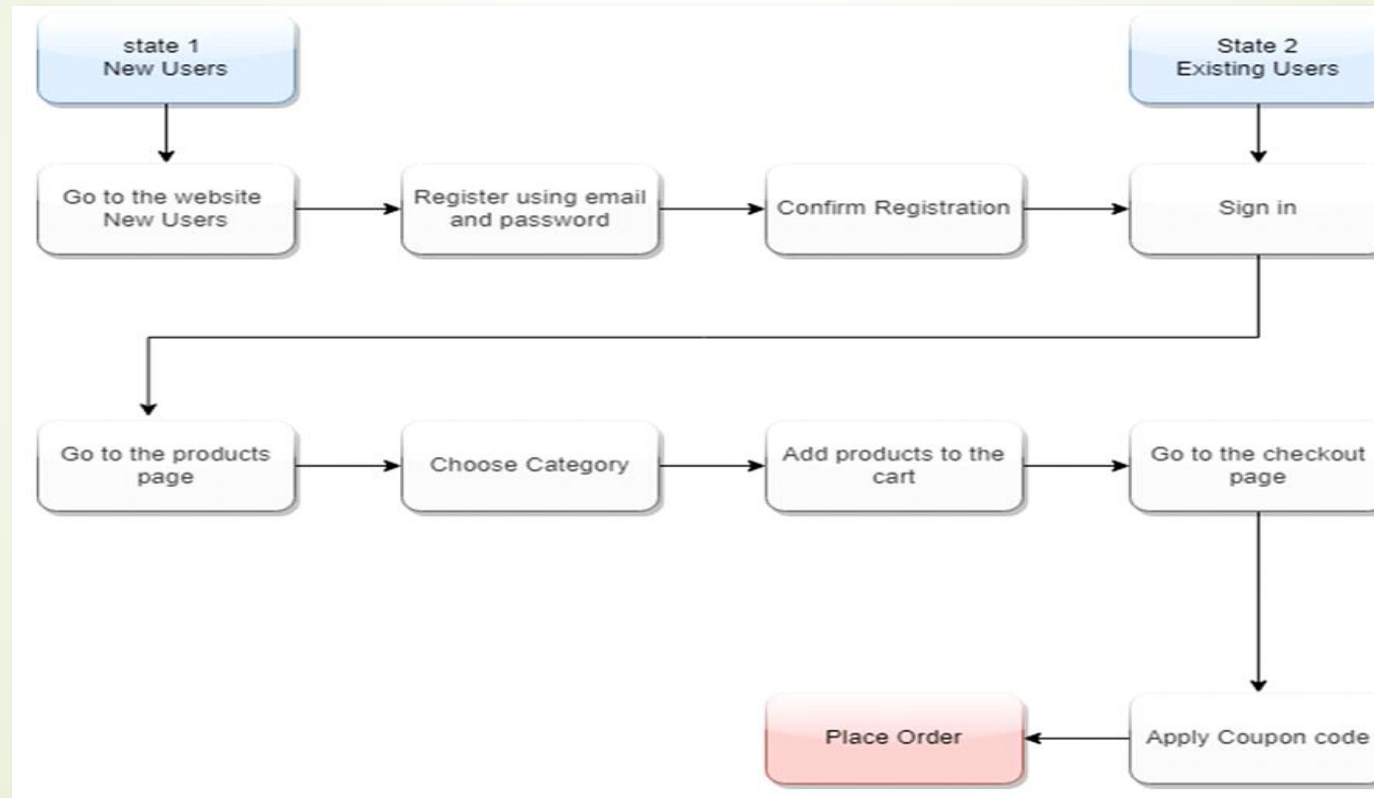
User



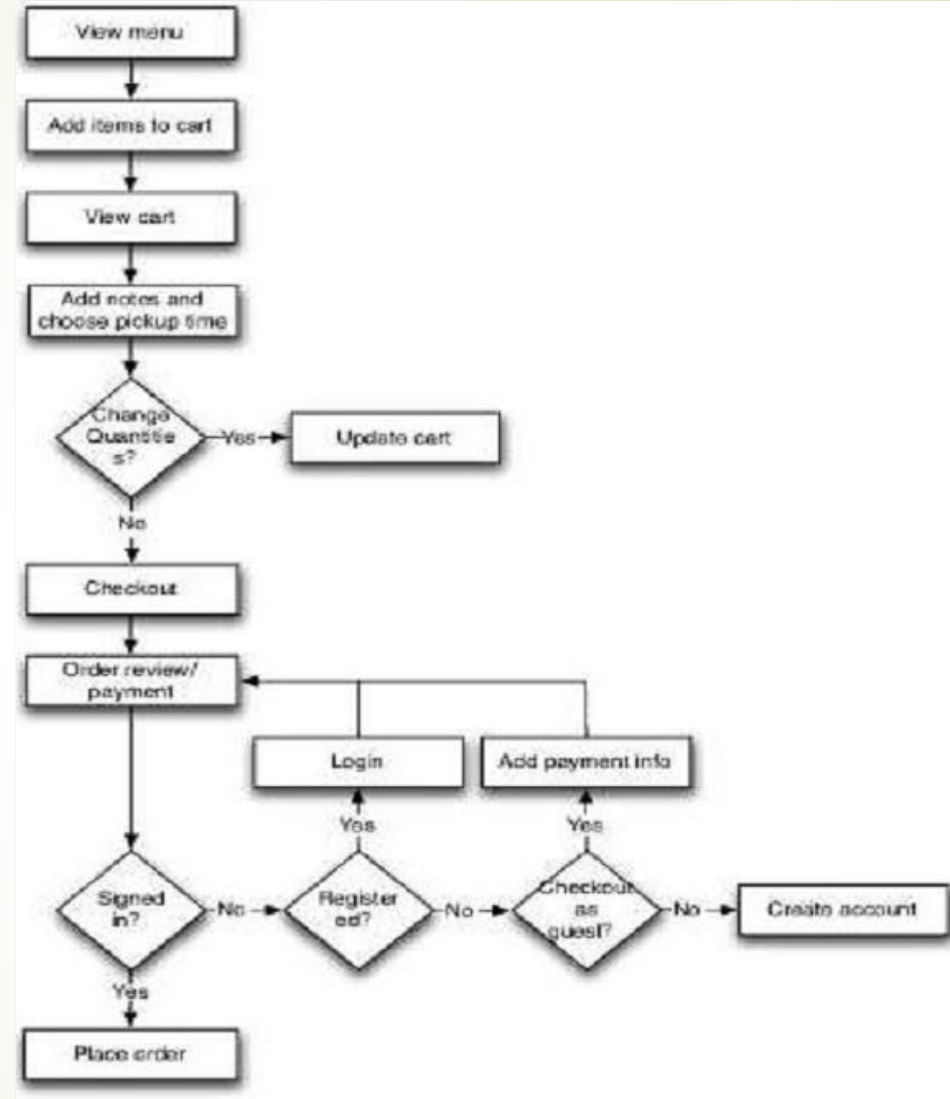
Adim



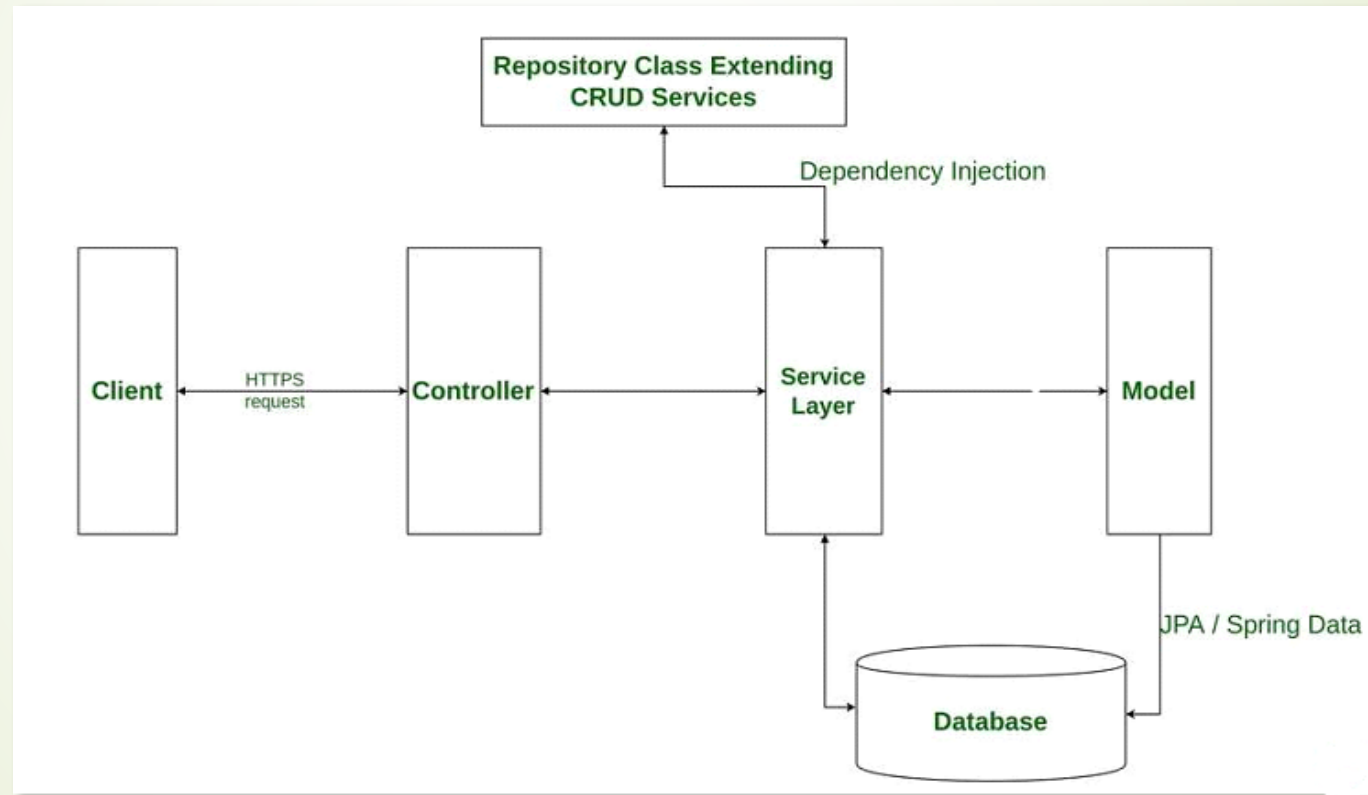
State Chart Diagram



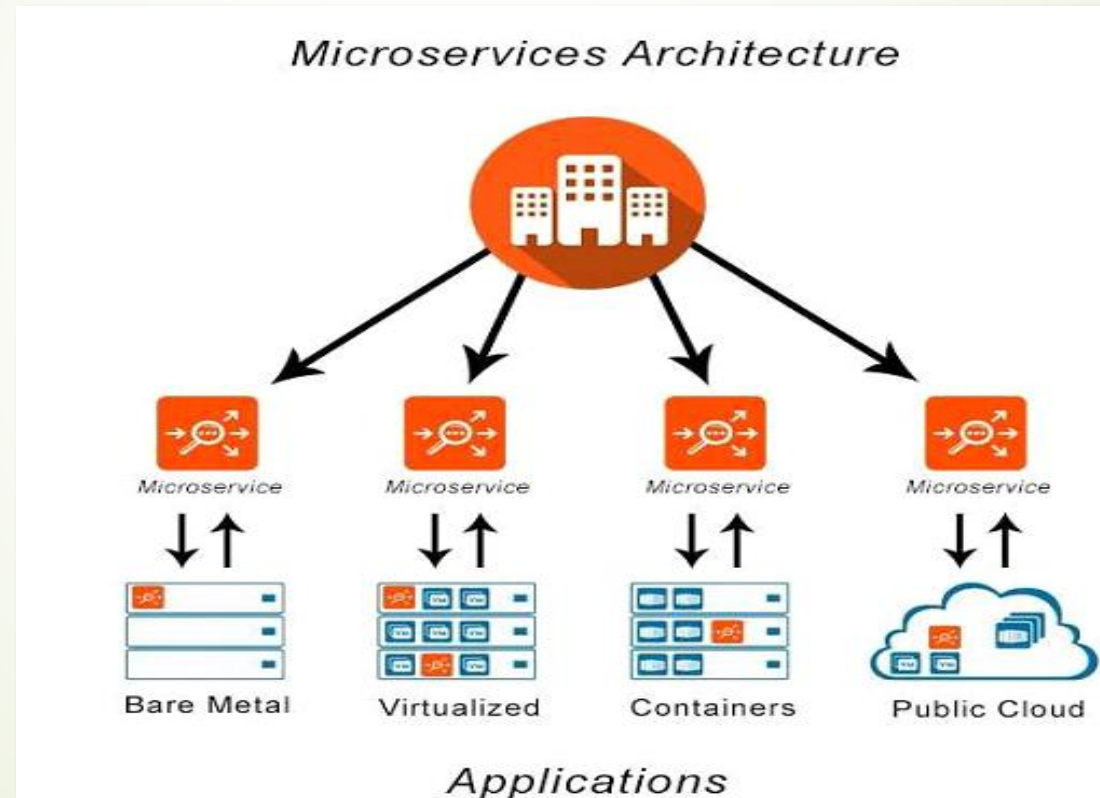
Data Flow Diagram



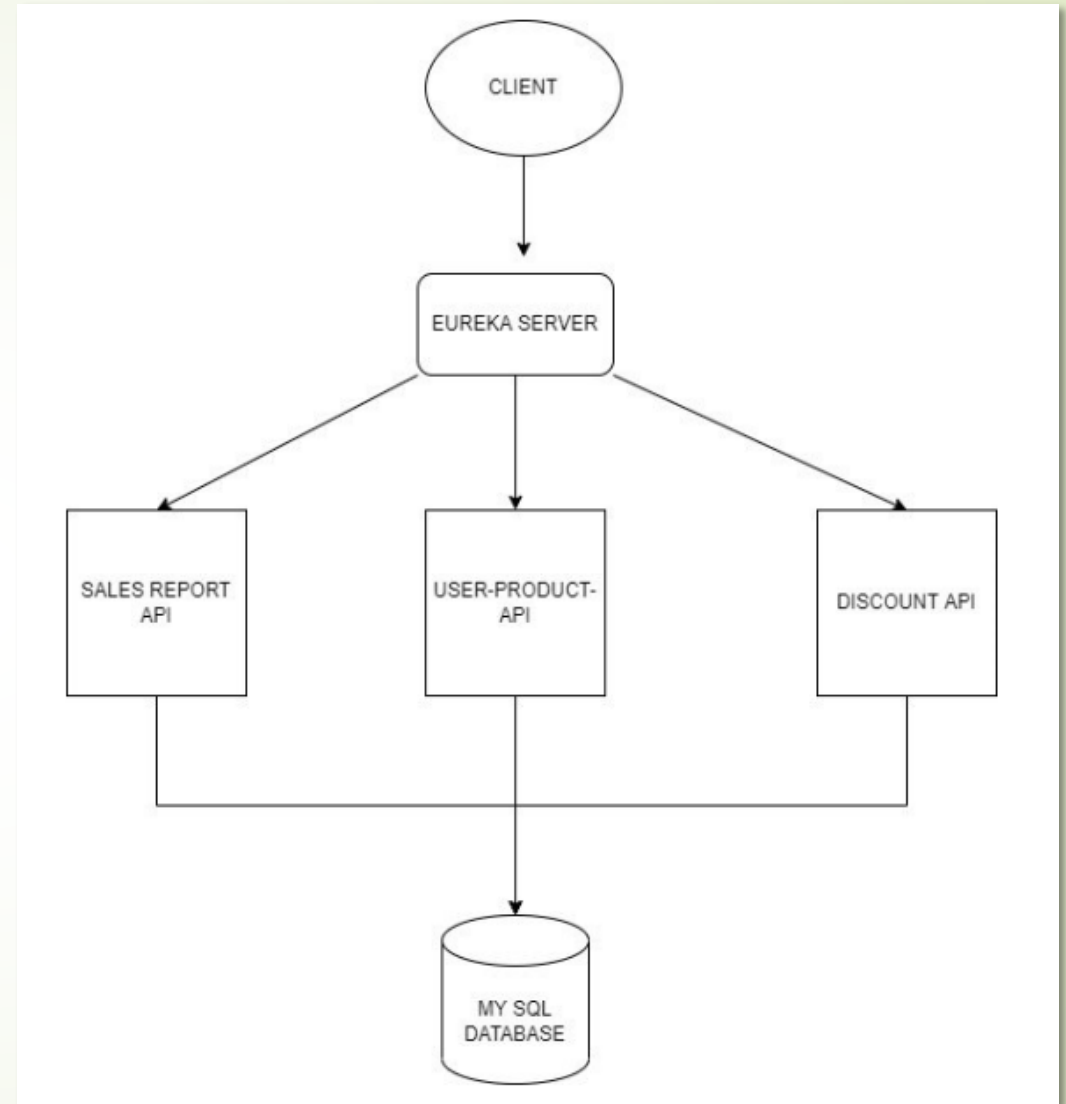
Spring Boot Architecture



Microservices Architecture



Project Architecture



Discount-Service-API:

Discount-Service contains business logic and functionalities for discount and coupon list Features. Admin can add and delete coupons from Discount UI from Admin module. It connects to shopforhome DB (MySQL). This service configured with application properties which runs the service in port number 9092 in this application.

Sales-Report-API :

Sales-Report contains business logic and functionalities for report download option. Admin can download the stocks report as an excel file from Admin module. It connects to shopforhome DB (MySQL). This service configured with application properties which runs the service in port number 9091 in this application.

User-Service :


User-service contains all the logic of user and admin. User can see all the products ,wishlist , cart option to order the products. Admin can manage products , bulk upload the product. It connects to shopforhome DB(MySQL). This service configured with application properties which runs the service in port number 9090 in this application.

Eureka Server For Microservice :

Eureka Server is service discovery for your microservices, where all client applications can register by themselves and other microservices look up the Eureka Server to get independent microservices to get the job complete.

Running the Eureka Server

Run the Eureka server as Java application and go the URL:
<http://localhost:8761/>

Toggle navigation

System Status

Environment	test	Current time	2022-07-23T11:35:59 +0530
Data center	default	Uptime	00:04
		Lease expiration enabled	false
		Renews threshold	6
		Renews (last min)	3

DS Replicas

Instances currently registered with Eureka

Application	AMIs	Availability Zones	Status
DISCOUNT-SERVICE-API	n/a (1)	(1)	UP (1) - DESKTOP-RTALHG4:discount-service-api:9092
SALES-REPORT-API	n/a (1)	(1)	UP (1) - DESKTOP-RTALHG4:sales-report-api:9091
USER-SERVICE	n/a (1)	(1)	UP (1) - DESKTOP-RTALHG4:user-service:9090

General Info

Name	Value
total-avail-memory	57mb

Activate Windows
Go to Settings to activate

User Functionality:

Home Page

Shop For Home

Login

Register

SHOP FOR HOME

Excited to Get Products For Your Home!

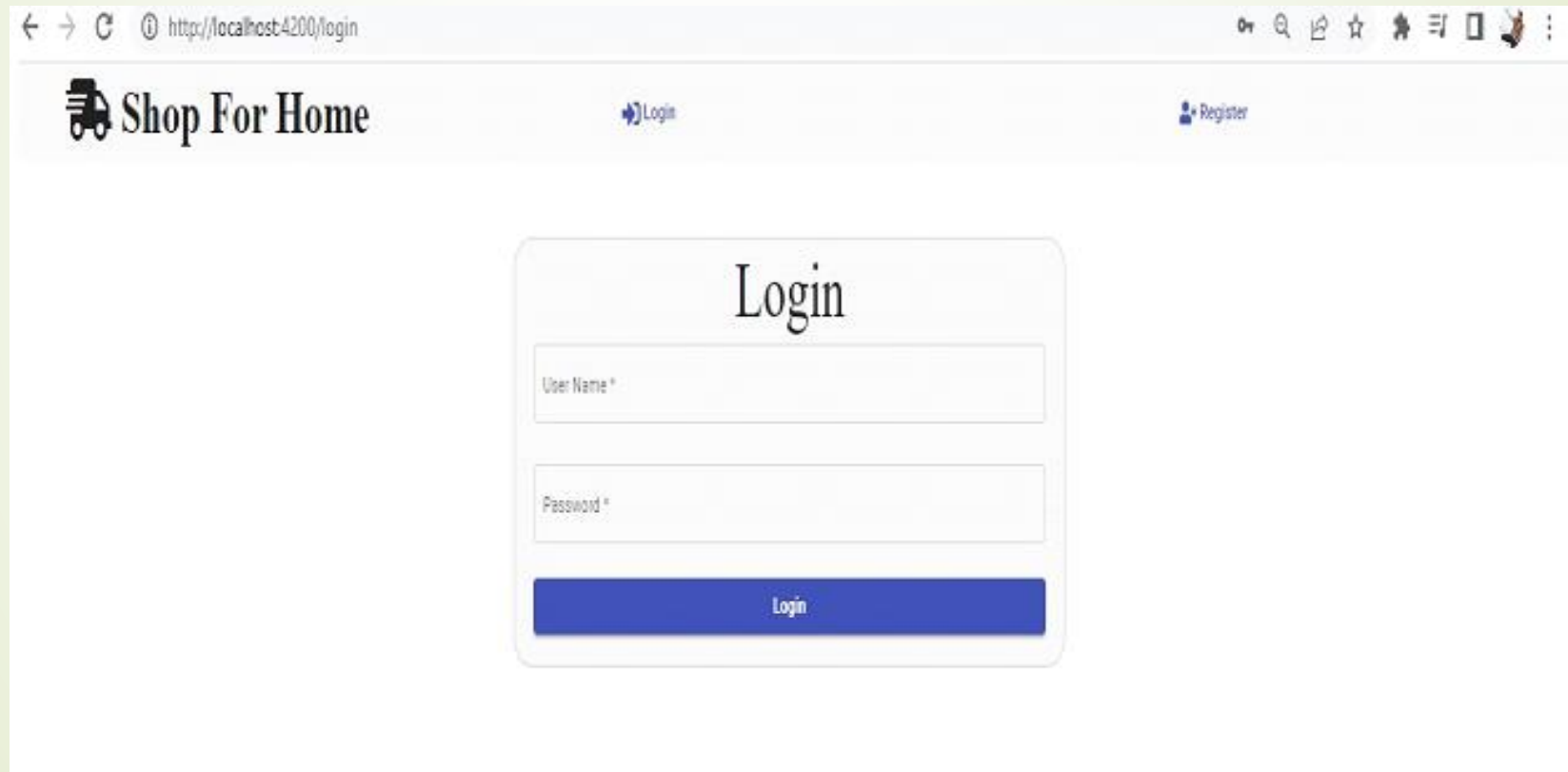
[Login Register To Continue](#)



"What makes us different is that my wife and I are obsessive about human beings making things by hand. Of course we prize good design, and skilled craftsmanship, and beautiful materials, but we've added something here which is the human sense, the feeling you get when you walk up to a piece of furniture that somebody made. You can see that it's handmade, and you can feel the difference."


Activate Windows
Go to Settings to activate Windows.

Sing In Page



The screenshot displays a web browser window with the address bar showing `http://localhost:4200/login`. The page features a header with the "Shop For Home" logo and navigation links for "Login" and "Register". The main content area contains a "Login" form with two input fields: "User Name *" and "Password *", followed by a blue "Login" button.

← → ↻ ⓘ http://localhost:4200/login 🔍 📄 ☆ 🛠 📱 🗑 ⋮

 Shop For Home [Login](#) [Register](#)


Login

User Name *

Password *

Login

Sing Up Page

 Shop For Home

[Login](#)

[Register](#)

Registration Form

First Name *

Last Name *

User Name *

Password *

Email Id *

Phone Number *

Choose your Role


Register


Already Registered[Click to Login](#)


Activate Windows


Go to Settings to activate Windows.

Search Product Details

 **Shop For Home**

Logout 

 **WishList**

 **Cart**

bla

Shop Based On Category

All Products


Beds

Sofas & Sofa Beds

Bookcases & Shelves

Dining Table

TV & Media Furniture



Black Sofa


Offer Price: ₹ 50000


Original Price

~~₹ 55000~~

[WhishList](#) [Add To Cart](#)


WishList page

 **Shop For Home**


Logout 

Shop More


Your Wish List



Double cot Brown Bed
Offer Price: ₹ 25000
Original Price: ~~₹ 30000~~
[Remove](#)




Modern Style Tv Unit Design For Living Room
Offer Price: ₹ 115000
Original Price: ~~₹ 125000~~
[Remove](#)





Simple Bed
Offer Price: ₹ 20000
Original Price: ~~₹ 25000~~
[Remove](#)









Activate Windows
Go to Settings to activate Windows.

Cart Page

 **Shop For Home**

Logout 

 My Orders

Product		Product Image	Description	Price	Quantity	Total	Action
Sr.No	Name						
1	Simple Bed		The double model measures 54 x 74 inches. It's also a great choice for slightly larger kids' rooms if you have just one child and you want to make sure that he or she has a bit more sleeping surface to rely on. They are a very popular choice.	₹ 20000	1  	₹ 20000	
2	Six Seater Fabric Sofa		A sofa is a piece of furniture designed so two or a maximum of three people can take a seat. It usually features armrests, upholstery, and cushions. The basic sofa can be described as an upholstered bench.	₹ 70000	1  	₹ 70000	

Empty Cart

Shop More

CheckOut

Grand Total: ₹90000

**** You are Eligible for 2000 discount ****

Admin Functionality:

Stock Page



Shop For Home

[Dash Board](#)

[Logout](#)

List Of Products and Stock Details


Product Name	Product Category	Product Description	Product Stock
Double cott Brown Bed	Beds	The double model measures 54 x 74 inches. It's also a great choice for slightly larger kids' rooms if you have just one child and you want to make sure that he or she has a bit more sleeping surface to rely on. They are a very popular choice.	50
Simple Bed	Beds	The double model measures 54 x 74 inches. It's also a great choice for slightly larger kids' rooms if you have just one child and you want to make sure that he or she has a bit more sleeping surface to rely on. They are a very popular choice.	40
Six Seater Fabric Sofa	Sofas & Sofa Beds	A sofa is a piece of furniture designed so two or a maximum of three people can take a seat. It usually features armrests, upholstery, and cushions. The basic sofa can be described as an upholstered bench.	20
Data Wooden Sofa Marriot	Sofas & Sofa Beds	A sofa is a piece of furniture designed so two or a maximum of three people can take a seat. It usually features armrests, upholstery, and cushions. The basic sofa can be described as an upholstered bench.	53
Three Tier Book Shelf	Bookcases & Shelving Units	A bookcase, or bookshelf, is a piece of furniture with horizontal shelves, often in a cabinet, used to store books or other printed materials.	20
Book Shelf Two Drawer	Bookcases & Shelving Units	A bookcase, or bookshelf, is a piece of furniture with horizontal shelves.	25
Four Seater Dining Table	Dining Table	Dining Tables are pieces of furniture designed specifically for formal dining.	50
Six Seater Dining Table	Dining Table	Dining Tables are pieces of furniture designed specifically for formal dining.	30
Modern Style Tv Unit Design For Living Room	TV & Media Furniture	TV Units A well-crafted TV unit is an elegant piece of furniture on its own. A focal point of the living room furniture, the TV cabinet enhances the viewing experience.	25
Black Sofa	Sofas & Beds	A black Colored Sofa	52
Japanese Dining Table	Dining Table	A Japanese styled dining table	20
Bed With Drawer	Beds	A Bed with drawer	15

Manage User Page

List Of Users

First Name	Last Name	Email Id	Phone Number	Role	Options
raj	sharma	raj@mail.com	9845678254	User	Delete

Discount Page

 Shop For Home

[Dash Board](#) [Logout](#)

Add Discount Coupons Here

Add Coupon

List Of Coupons

Coupon Id	Coupon Code	Coupon Discount Amount	Options
3	adcf	2000	Delete
21	WELCOME	1000	Delete

List Of Users

First Name	Last Name	Email Id	Phone Number	Role	Options
raj	sharma	raj@gmail.com	9845678254	User	<div><div></div><div>Give Discount</div></div>

Activate Windows
Go to Settings to activate Windows.

Manage Products Page



Shop For Home

[Dash Board](#)

[Logout](#)

Add New Product

Product Name

Product Description

Product Actual Price

0

Product Discounted Price

0

Product Category

Product Stock

0

Product Image File Name

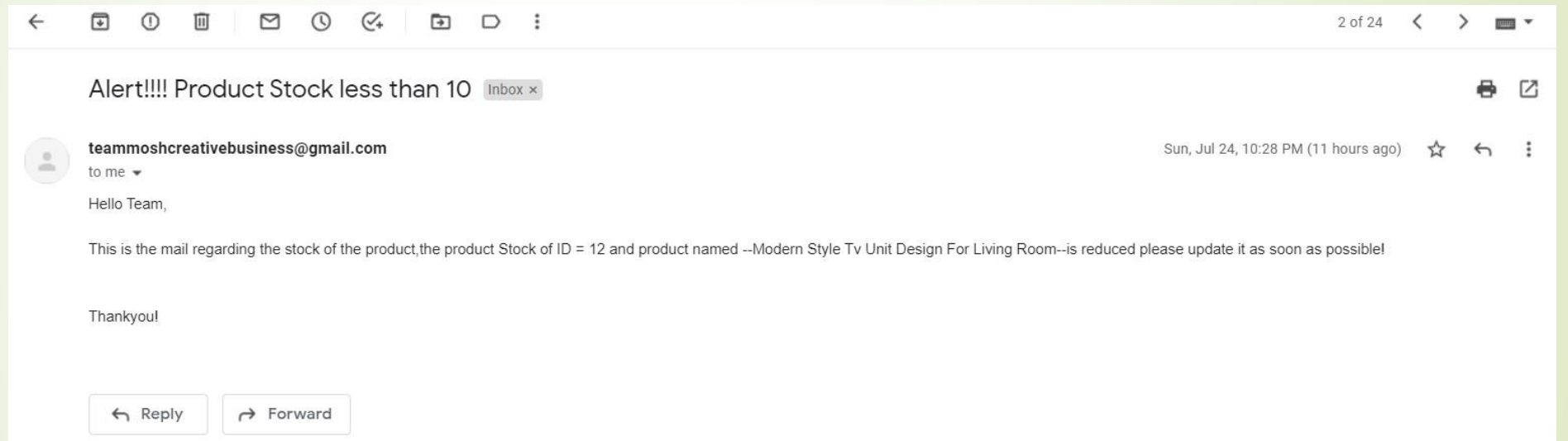
Add Product

Clear

View Products

Product Name	Product Category	Product Description	Product Stock	product Discounted Price	Product Actual Price	Options
Double cott Brown Bed	Beds	The double model measures 54 x 74 inches. It's also a great choice for slightly larger kids' rooms if you have just one child and you want to make sure that he or she has a bit more sleeping surface to rely on. They are a very popular choice.	50	25000	30000	Update Delete
Simple Bed	Beds	The double model measures 54 x 74 inches. It's also a great choice for slightly larger kids'	40	20000	25000	Update

Mail Message



Thank You

The background features a light green gradient. A thin, dark green vertical line is positioned to the right of the text. Several thin, curved lines in a light green color sweep across the right side of the image, creating a sense of movement and design.