

# **CAPSTONE PROJECT**

## **SHOP FOR HOME (C-2 | G28)**

### **TEAM MEMBERS**

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Team members

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## **Abstract :**

E-commerce is a business process over a computer network. A person sitting in a chair in front of a computer can access all the features of the Internet to buy and sell products. Unlike traditional commerce, which is physically done by human effort to obtain a product, e-commerce has made it easier for people to reduce manual labour and save time.

Although e-commerce, which began in the early 1990s, has made great strides in the computer world, it has been security that has hindered the growth of e-commerce. Security is a challenge facing e-commerce today, and there are still many advances in security. The main advantage of e-commerce over traditional commerce is the user can browse online shops, compare prices and order merchandise sitting at home on their PC.

An online shopping system that permits a customer to submit online orders for items and/or services from a store that serves both walk-in customers and online customers. The online shopping system presents an online display of an order cut off time and an associated delivery window for items selected by the customer. The system accepts the customer's submission of a purchase order for the item in response to a time of submission being before the order cut off time. The online shopping system does not settle with a credit supplier of the customer until the item selected by the customer is picked from inventory but before it is delivered. Therefore, customers can go online and change their orders.

## **Introduction:**

Online stores usually allow buyers to use the "search feature" to find a particular model, brand, or item. Online customers must have internet access and a valid payment method to complete the transaction. Services such as credit cards, Interact-enabled debit cards, or PayPal. For physical items (such as paperbacks and clothing), the e-tailer ships the item to the customer. For digital products such as digital audio files for songs and software, e-tailers typically send the files to customers over the Internet. The largest of these online retailers are Alibaba, Amazon.com and eBay.

Online shopping is a form of e-commerce that allows consumers to purchase goods and services directly from sellers over the Internet using a web browser or mobile app. Consumers are interested in products by visiting the retailer's website directly or by browsing alternative suppliers using a shopping search engine that displays the availability and price of the same product at different e-retailers.

## **Project Statements:**

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 online platforms and wants their own web application.

There are 2 users on the application: -

1. User
2. Admin

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 coupons.

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 the discount coupons for the specific set of users

## **Design and development environment:**

### **Front-end:**

The frontend of a website describes the part that the visitor can see. It includes all displayed content that is visible to public or logged-in users.

The frontend is often called the GUI (Graphical User Interface) because it is the interface that the visitors can see and use. The frontend is mainly used to display various types of content and make the user's input available to the backend. The displayed content includes the basic structure of the website, such as the navigation. The frontend includes texts, graphics, videos, and other media.

### **Html5**

The Hypertext Markup Language or HTML is the standard markup language for documents designed to be displayed in a web browser. It can be assisted by technologies such as Cascading Style Sheets (CSS) and scripting languages such as JavaScript.

Web browsers receive HTML documents from a web server or from local storage and render the documents into multimedia web pages. HTML describes the structure of a web page semantically and originally included cues for the appearance of the document.

HTML elements are the building blocks of HTML pages. With HTML constructs, images and other objects such as interactive forms may be embedded into the rendered page. HTML provides a means to create structured documents by denoting structural semantics for text such as headings, paragraphs, lists, links, quotes and other items. HTML elements are delineated by tags, written using angle brackets. Tags such as `<img />` and `<input />` directly introduce content into the page. Other tags such as `<p>` surround and provide information about document text and may include other tags as sub-elements. Browsers do not display the HTML tags but use them to interpret the content of the page.

## **CSS**

Cascading Style Sheets (CSS) is a style sheet language used for describing the presentation of a document written in a markup language such as HTML or XML (including XML dialects such as SVG, MathML or XHTML). CSS is a cornerstone technology of the World Wide Web, alongside HTML and JavaScript.

CSS is designed to enable the separation of presentation and content, including layout, colours, and fonts. This separation can improve content accessibility; provide more flexibility and control in the specification of presentation characteristics; enable multiple web pages to share formatting by specifying the relevant CSS in a separate

.CSS file, which reduces complexity and repetition in the structural content; and enable the .CSS file to be cached to improve the page load speed between the pages that share the file and its formatting.

## **Angular JS :**

AngularJS was a JavaScript-based open-source front-end web framework for developing single-page applications. It was maintained mainly by Google and a community of individuals and corporations. It aimed to simplify both the development and the testing of such applications by providing a framework for client-side model–view–controller (MVC) and model–view–view model (MVVM) architectures, along with components commonly used in web applications and progressive web applications.

AngularJS was used as the frontend of the MEAN stack, that consisted of MongoDB database, Express.js web application server framework, AngularJS itself (or Angular), and Node.js server runtime environment.



## **Back-end :**

The backend to a website is pretty much everything the user can't see. Generally, this means the programming that generates pages that the user views, creating the "server-side" content of the site. This could be scripts, directives, databases, and other automated functions the server performs.

Back-end development includes the server implementation and it more on the logical interaction of data, how it is stored, and transmitted.

## **Java**

Java is a high-level, class-based, object-oriented programming language that is designed to have as few implementation dependencies as possible. It is a general-purpose programming language intended to let programmers write once, run anywhere (WORA), meaning that compiled Java code can run on all platforms that support Java without the need to recompile. Java applications are typically compiled to bytecode that can run on any Java virtual machine (JVM) regardless of the underlying computer architecture. The syntax of Java is similar to C and C++, but has fewer low-level facilities than either of them. The Java runtime provides dynamic capabilities (such as reflection and runtime code modification) that are typically not available in traditional compiled languages. As of 2019, Java was one of the most popular programming languages in use according to GitHub, particularly for client-server web applications, with a reported 9 million developers.

Java was originally developed by James Gosling at Sun Microsystems and released in May 1995 as a core component of Sun Microsystems' Java platform. The original and reference implementation Java compilers, virtual machines, and class libraries were originally released by Sun under proprietary licenses. As of May 2007, in compliance with the specifications of the Java Community Process, Sun had relicensed most of its Java technologies under the GPL-2.0-only license. Oracle offers its own HotSpot Java Virtual Machine, however the official reference implementation is the OpenJDK JVM which is free open-source software and used by most developers and is the default JVM for almost all Linux distributions

## **Database :**

In computing, a database is an organized collection of data stored and accessed electronically. Small databases can be stored on a file system, while large databases are hosted on computer clusters or cloud storage. The design of databases spans formal techniques and practical considerations including data modelling, efficient data representation and storage, query languages, security and privacy of sensitive data, and distributed computing issues including supporting concurrent access and fault tolerance.

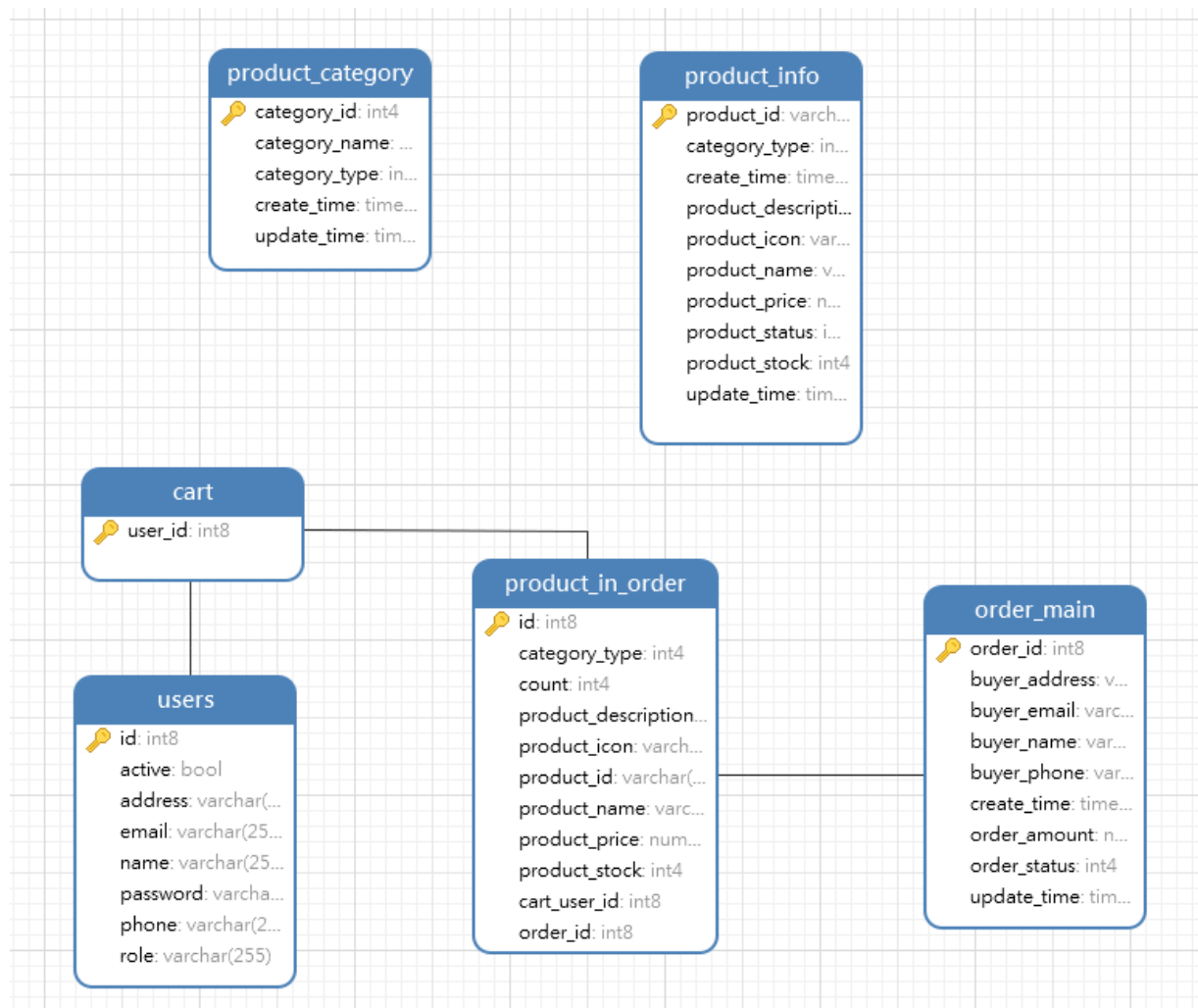
A database management system (DBMS) is the software that interacts with end users, applications, and the database itself to capture and analyse the data. The DBMS software additionally encompasses the core facilities provided to administer the database. The sum total of the database, the DBMS and the associated applications can be referred to as a database system. Often the term "database" is also used loosely to refer to any of the DBMS, the database system or an application associated with the database.

## **PostgreSQL**

PostgreSQL , also known as Postgres, is a free and open-source relational database management system (RDBMS) emphasizing extensibility and SQL compliance. It was originally named POSTGRES, referring to its origins as a successor to the Ingres database developed at the University of California, Berkeley. In 1996, the project was renamed to PostgreSQL to reflect its support for SQL. After a review in 2007, the development team decided to keep the name PostgreSQL and the alias Postgres.

# Database Design :

## Database Schema :



## Database Tables :

Cart Table:

Data output	Messages	Notifications
<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>		
	user_id [PK] bigint	
1	1	

## Users Table:

Data output Messages Notifications								
	id [PK] bigint	active boolean	address character varying (255)	email character varying (255)	name character varying (255)	password character varying (255)	phone character varying (255)	role character varying (255)
1	1	true	visakhapatnam	gpavanteja.18.cse@ani...	Pavan	\$2a\$10\$NCJhPApFEbs...	123456789	ROLE_CUSTOMER
2	2147483645	true	Plot 2, Shivaji Nagar, B...	admin@eshop.com	Admin	\$2a\$10\$LiBwO43TpKU...	1234567890	ROLE_MANAGER

## Product\_Category Table :

Data output Messages Notifications					
	category_id [PK] integer	category_name character varying (255)	category_type integer	create_time timestamp without time zone	update_time timestamp without time zone
1	2147483641	Tables	0	2022-06-23 23:03:26	2022-06-23 23:03:26
2	2147483642	Chairs	1	2022-06-23 23:03:26	2022-06-23 23:03:26
3	2147483643	Sofa sets	2	2022-06-23 23:03:26	2022-06-23 23:03:26
4	2147483644	Wall paintings	3	2022-06-23 23:03:26	2022-06-23 23:03:26

## Product\_Info Table:

Data output Messages Notifications								
	product_id [PK] character varying (255)	category_type integer	create_time timestamp without time zone	product_description character varying (255)	product_icon character varying (255)	product_name character varying (255)	product_price numeric (19,2)	
1	AF001	3	2022-06-23 23:03:26	Painting looking great f...	https://m.media-amaz...	Kyra unframed couples...	90.00	
2	AF002	3	2022-06-23 23:03:26	This painting is said to ...	https://m.media-amaz...	Polyresin Buddha paint...	76.00	
3	AF003	3	2022-06-23 23:03:26	Infinity interior design ...	https://stylesatlife.co...	Hall painting	82.00	
4	IF001	0	2022-06-23 23:03:26	A very attractive study ...	https://m.media-amaz...	Stunning Study table	50.00	
5	IF002	0	2022-06-23 23:03:26	Trendy tables for your ...	https://www.decorati...	Berlin Wooden tv table	65.00	
6	IF003	0	2022-06-23 23:03:26	Gear up to happily wor...	http://cdn.home-desig...	UK Furniture Design di...	45.00	
7	PA001	2	2022-06-23 23:03:26	This is spaciouly desi...	https://m.media-amaz...	Funny Stolino Fabric 8 ...	73.00	
8	PA002	2	2022-06-23 23:03:26	Long upholstered seat ...	https://apollo-singapor...	Divine Arts Fabric sofa ...	57.00	
9	PA003	2	2022-06-23 23:03:26	Wood furniture sofa se...	https://ii1.pepperfry.co...	Niki Sofa set in Sea Gr...	95.00	
10	WS001	1	2022-06-23 23:03:26	Formats contains low...	https://img1.cgtrader.c...	Contemporary 3D roun...	53.00	
11	WS002	1	2022-06-23 23:03:26	Perhaps it's populated ...	https://ii1.pepperfry.co...	Plush Platino chair in br...	85.00	
12	WS003	1	2022-06-23 23:03:26	Wing chair with comfor...	https://rukminim1.flixc...	Beleza tufted blue win...	45.00	

	time zone	product_description character varying (255)	product_icon character varying (255)	product_name character varying (255)	product_price numeric (19,2)	product_status integer	product_stock integer	update_time timestamp without time zone
1	26	Painting looking great f...	https://m.media-amaz...	Kyra unframed couples...	90.00	0	39	2022-06-23 23:03:26
2	26	This painting is said to ...	https://m.media-amaz...	Polyresin Buddha paint...	76.00	0	75	2022-06-23 23:03:26
3	26	Infinity interior design ...	https://stylesatlif...co...	Hall painting	82.00	0	18	2022-06-26 06:08:30.923
4	26	A very attractive study ...	https://m.media-amaz...	Stunning Study table	50.00	0	22	2022-06-23 23:03:26
5	26	Trendy tables for your ...	https://www.decorati...	Berlin Wooden tv table	65.00	0	60	2022-06-23 23:03:26
6	26	Gear up to happily wor...	http://cdn.home-desig...	UK Furniture Design di...	45.00	0	39	2022-06-26 06:09:30.04
7	26	This is spaciouly desi...	https://m.media-amaz...	Funny Stolino Fabric 8 ...	73.00	0	45	2022-06-23 23:03:26
8	26	Long upholstered seat ...	https://apollo-singapor...	Divine Arts Fabric sofa ...	57.00	0	53	2022-06-23 23:03:26
9	26	Wood furniture sofa se...	https://i11.pepperfry.co...	Niki Sofa set in Sea Gr...	95.00	0	70	2022-06-23 23:03:26
10	26	Formats contains low...	https://img1.cgtrader.c...	Contemporary 3D roun...	53.00	0	21	2022-06-26 07:19:48.33
11	26	Perhaps it's populated ...	https://i11.pepperfry.co...	Plush Platio chair in br...	85.00	0	10	2022-06-23 23:03:26
12	26	Wing chair with comfor...	https://rukminim1.flixc...	Beleza tufted blue win...	45.00	0	50	2022-06-23 23:03:26

Product\_in\_order Table :

	id [PK] bigint	category_type integer	count integer	product_description character varying (255)	product_icon character varying (255)	product_id character varying (255)	product_name character varying (255)	product_price numeric (19,2)	product...
1	2	0	1	Statue Showpiece for ...	https://m.media-amaz...	IF003	Polyresin Sitting Buddh...	45.00	
2	4	0	5	Statue Showpiece for ...	https://m.media-amaz...	IF003	Polyresin Sitting Buddh...	45.00	
3	5	0	1	Gear up to happily wor...	http://cdn.home-desig...	IF003	UK Furniture Design di...	45.00	
4	7	0	2	Statue Showpiece for ...	https://m.media-amaz...	IF003	Polyresin Sitting Buddh...	45.00	
5	8	3	1	Infinity interior design ...	https://stylesatlif...co...	AF003	Hall painting	82.00	
6	9	0	1	Statue Showpiece for ...	https://m.media-amaz...	IF003	Polyresin Sitting Buddh...	45.00	
7	11	0	1	Statue Showpiece for ...	https://m.media-amaz...	IF003	Polyresin Sitting Buddh...	45.00	
8	13	0	1	Statue Showpiece for ...	https://m.media-amaz...	IF003	Polyresin Sitting Buddh...	45.00	
9	14	3	1	Infinity interior design ...	https://stylesatlif...co...	AF003	Hall painting	82.00	
10	15	0	1	Statue Showpiece for ...	https://m.media-amaz...	IF003	Polyresin Sitting Buddh...	45.00	
11	17	0	1	Statue Showpiece for ...	https://m.media-amaz...	IF003	Polyresin Sitting Buddh...	45.00	
12	19	0	4	Statue Showpiece for ...	https://m.media-amaz...	IF003	Polyresin Sitting Buddh...	45.00	
13	21	1	1	Formats contains low...	https://img1.cgtrader.c...	WS001	Contemporary 3D roun...	53.00	
14	23	3	1	Painting looking great f...	https://m.media-amaz...	AF001	Kyra unframed couples...	90.00	

Data output		Messages		Notifications					
		product_description character varying (255)	product_icon character varying (255)	product_id character varying (255)	product_name character varying (255)	product_price numeric (19,2)	product_stock integer	cart_user_id bigint	order_id bigint
1	1	Statue Showpiece for ...	https://m.media-amaz...	IF003	Polyresin Sitting Buddh...	45.00	40	[null]	3
2	5	Statue Showpiece for ...	https://m.media-amaz...	IF003	Polyresin Sitting Buddh...	45.00	39	[null]	[null]
3	1	Gear up to happily wor...	http://cdn.home-desig...	IF003	UK Furniture Design dl...	45.00	39	[null]	6
4	2	Statue Showpiece for ...	https://m.media-amaz...	IF003	Polyresin Sitting Buddh...	45.00	39	[null]	[null]
5	1	Infinity interior design ...	https://stylesatlife.co...	AF003	Hall painting	82.00	20	[null]	10
6	1	Statue Showpiece for ...	https://m.media-amaz...	IF003	Polyresin Sitting Buddh...	45.00	39	[null]	[null]
7	1	Statue Showpiece for ...	https://m.media-amaz...	IF003	Polyresin Sitting Buddh...	45.00	39	[null]	12
8	1	Statue Showpiece for ...	https://m.media-amaz...	IF003	Polyresin Sitting Buddh...	45.00	39	[null]	[null]
9	1	Infinity interior design ...	https://stylesatlife.co...	AF003	Hall painting	82.00	19	[null]	16
10	1	Statue Showpiece for ...	https://m.media-amaz...	IF003	Polyresin Sitting Buddh...	45.00	39	[null]	[null]
11	1	Statue Showpiece for ...	https://m.media-amaz...	IF003	Polyresin Sitting Buddh...	45.00	39	[null]	[null]
12	4	Statue Showpiece for ...	https://m.media-amaz...	IF003	Polyresin Sitting Buddh...	45.00	39	[null]	[null]
13	1	Formats contains low...	https://img1.cgtrader.c...	WS001	Contemporary 3D roun...	53.00	22	[null]	24
14	1	Painting looking great f...	https://m.media-amaz...	AF001	Kyra unframed couples...	90.00	39	[null]	[null]

## Order\_main Table :

	order_id [PK] bigint	buyer_address character varying (255)	buyer_email character varying (255)	buyer_name character varying (255)	buyer_phone character varying (255)	create_time timestamp without time zone	order_amount numeric (19,2)	order_sta integer
1	3	visakhapatnam	gpavanteja.18.cse@ani...	Pavan	123456789	2022-06-25 13:29:15.456649	45.00	
2	6	visakhapatnam	gpavanteja.18.cse@ani...	Pavan	123456789	2022-06-26 06:05:38.921272	45.00	
3	10	visakhapatnam	gpavanteja.18.cse@ani...	Pavan	123456789	2022-06-26 06:07:30.836465	82.00	
4	12	visakhapatnam	gpavanteja.18.cse@ani...	Pavan	123456789	2022-06-26 06:07:36.487611	45.00	
5	16	visakhapatnam	gpavanteja.18.cse@ani...	Pavan	123456789	2022-06-26 06:08:30.918857	82.00	
6	24	visakhapatnam	gpavanteja.18.cse@ani...	Pavan	123456789	2022-06-26 07:19:48.327235	53.00	

	buyer_email character varying (255)	buyer_name character varying (255)	buyer_phone character varying (255)	create_time timestamp without time zone	order_amount numeric (19,2)	order_status integer	update_time timestamp without time zone
1	gpavanteja.18.cse@ani...	Pavan	123456789	2022-06-25 13:29:15.456649	45.00	1	2022-06-26 06:01:30.920734
2	gpavanteja.18.cse@ani...	Pavan	123456789	2022-06-26 06:05:38.921272	45.00	2	2022-06-26 06:09:02.740599
3	gpavanteja.18.cse@ani...	Pavan	123456789	2022-06-26 06:07:30.836465	82.00	1	2022-06-26 06:09:18.926629
4	gpavanteja.18.cse@ani...	Pavan	123456789	2022-06-26 06:07:36.487611	45.00	2	2022-06-26 06:09:30.03947
5	gpavanteja.18.cse@ani...	Pavan	123456789	2022-06-26 06:08:30.918857	82.00	1	2022-06-26 06:09:38.983338
6	gpavanteja.18.cse@ani...	Pavan	123456789	2022-06-26 07:19:48.327235	53.00	0	2022-06-26 07:19:48.327235






## Discount Table :

	id [PK] character varying	status bigint
1	pavan	10

Tokens Table :

Data output	Messages	Notifications
<div> <div>+</div> <div>📄</div> <div>▼</div> </div> <div> <div>📄</div> <div>🗑️</div> <div>📧</div> <div>⬇️</div> </div>		
<div>id</div> <div>[PK] integer</div>	<div>created_date</div> <div>timestamp without time zone</div>	<div>token</div> <div>character varying (255)</div>
<div>user_id</div> <div>bigint</div>		

### Wishlist Table :

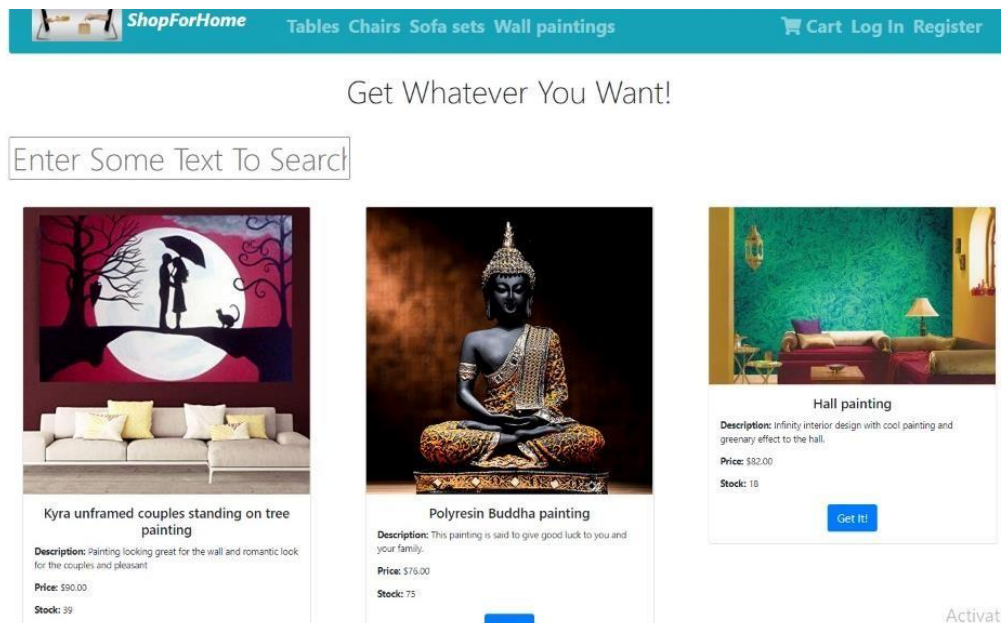
Data output					Messages	Notifications
						
	<b>id</b> [PK] bigint	<b>created_date</b> timestamp without time zone	<b>user_id</b> bigint	<b>product_id</b> character varying		
1	22	2022-06-26 07:11:10.927	1	WS001		



# Design and Implementation of the Site :

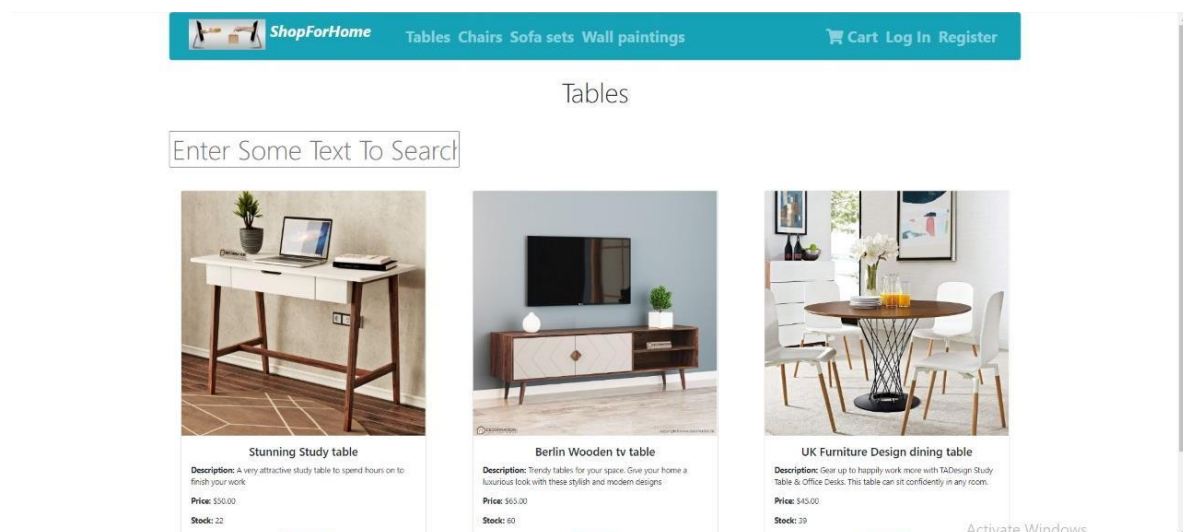
## User Pages :

Home Page :



Category Pages :

Tables Page:





## Sofa Sets Page :

### Sofa sets

Enter Some Text To Search



#### Funny Stolino Fabric 8 seater sofa

**Description:** This is spaciouly designed with larger depth to allow for broader seating and allowing complete relaxation until the thigh to provide with superb comfort.

**Price:** \$73.00

**Stock:** 45

[Get It!](#)



#### Divine Arts Fabric sofa seater

**Description:** Long upholstered seat usually with arms and a back and often convertible into a bed

**Price:** \$57.00

**Stock:** 53

[Get It!](#)



#### Niki Sofa set in Sea Green Color

**Description:** Wood furniture sofa set with comfortable and relaxed seating

**Price:** \$95.00

**Stock:** 70

[Get It!](#)

Activate Windows

## Wall Painting Page :

### Wall paintings

Enter Some Text To Search



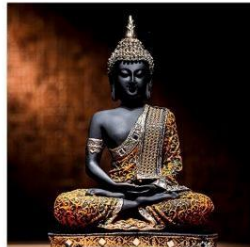
#### Kyra unframed couples standing on tree painting

**Description:** Painting looking great for the wall and romantic look for the couples and pleasant.

**Price:** \$60.00

**Stock:** 39

[Get It!](#)



#### Polyresin Buddha painting

**Description:** This painting is said to give good luck to you and your family.

**Price:** \$76.00

**Stock:** 75

[Get It!](#)



#### Hall painting

**Description:** Infinity interior design with cool painting and greenary effect to the hall.

**Price:** \$32.00

**Stock:** 18

[Get It!](#)

Activate Windows

## Edit Profile Page :

 Shop-For-Home Tables Set Chairs Sofa sets Wall Decortions  Cart [Log In](#) [Register](#)

### Sign Up

Email address

abhiraj1342@gmail.com

Name

Abhishek Kumar

Password

\*\*\*\*\*



Phone



+9187655675

Address

KANPUR, UTTAR PRADESH, 208019

[Sign Up](#)

## Orders Page :


 ShopForHome Tables Chairs Sofa sets Wall paintings  Cart [Wishlist](#) [Orders](#) Pavan [Sign Out](#)

### Orders

Order #	Customer Name	Customer Email	Customer phone	Shipping Address	Total	Order Data	Status	Action
16	Pavan	gpavanteja18.cse@anits.edu.in	123456789	visakhapatnam	\$82.00	Jun 26, 2022	Finished	<a href="#">Show</a>
10	Pavan	gpavanteja18.cse@anits.edu.in	123456789	visakhapatnam	\$82.00	Jun 26, 2022	Finished	<a href="#">Show</a>
3	Pavan	gpavanteja18.cse@anits.edu.in	123456789	visakhapatnam	\$45.00	Jun 25, 2022	Finished	<a href="#">Show</a>
12	Pavan	gpavanteja18.cse@anits.edu.in	123456789	visakhapatnam	\$45.00	Jun 26, 2022	Canceled	<a href="#">Show</a>
6	Pavan	gpavanteja18.cse@anits.edu.in	123456789	visakhapatnam	\$45.00	Jun 26, 2022	Canceled	<a href="#">Show</a>

[Previous](#) [1](#) [Next](#)


## Wishlist Page :

 ShopForHome

Tables Chairs Sofa sets Wall paintings Cart Wishlist Orders Pavan Sign Out

Activate Windows

## Product Info Page :



### Contemporary 3D round chair

**Descriptions:** Formats contains low-poly model, using this model it is possible to make any level of a smoothness.

**Price:** \$53.00

**Stock:** 22


**Quantity:**

**Subtotal:** \$53.00

[Add to Cart](#)

Activate Windows

Login Page :

 **ShopForHome** [Tables](#) [Chairs](#) [Sofa sets](#) [Wall paintings](#) [Cart](#) [Log In](#) [Register](#)

## Sign In

Email address

gpavanteja.18.cse@anits.edu.in

Password


\*\*\*\*\*

☐ Remember me [Sign Up](#)


Sign In

Activate Windows  
Go to Settings to activate Windows.

## Cart Page :

 **ShopForHome** [Tables](#) [Chairs](#) [Sofa sets](#) [Wall paintings](#) [Cart](#) [Log In](#) [Register](#)

### My Cart

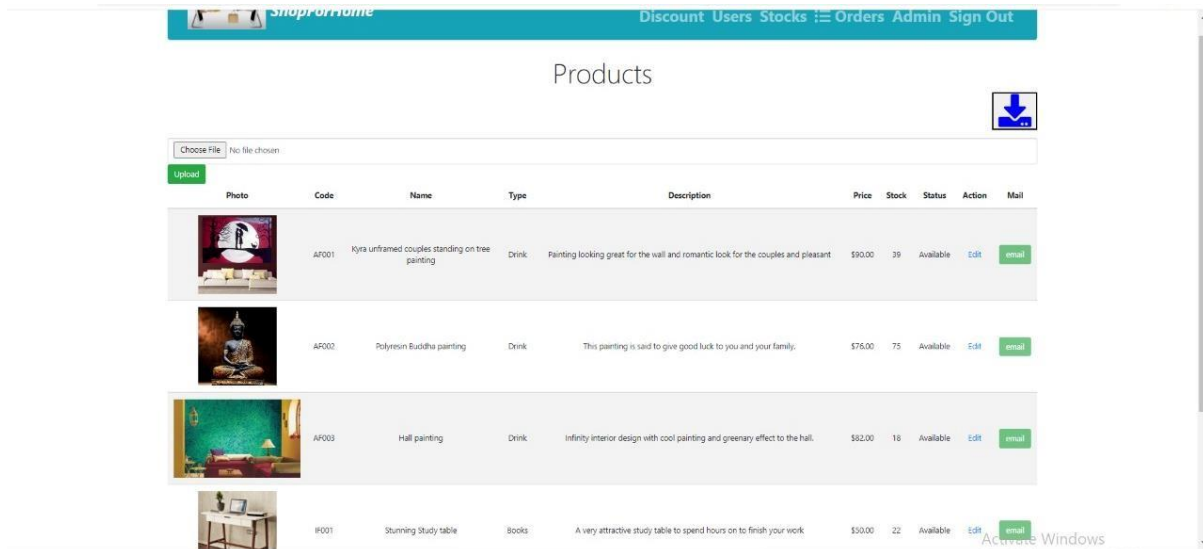
Photo	Name	Price	Quantity	Subtotal	Action
	Polynesin Sitting Buddha Idol	\$45.00	<div>- 1 +</div>	\$45.00	<a href="#">Remove</a>

Total: \$45.00 [Checkout](#)





Activate Windows

## Admin Pages :

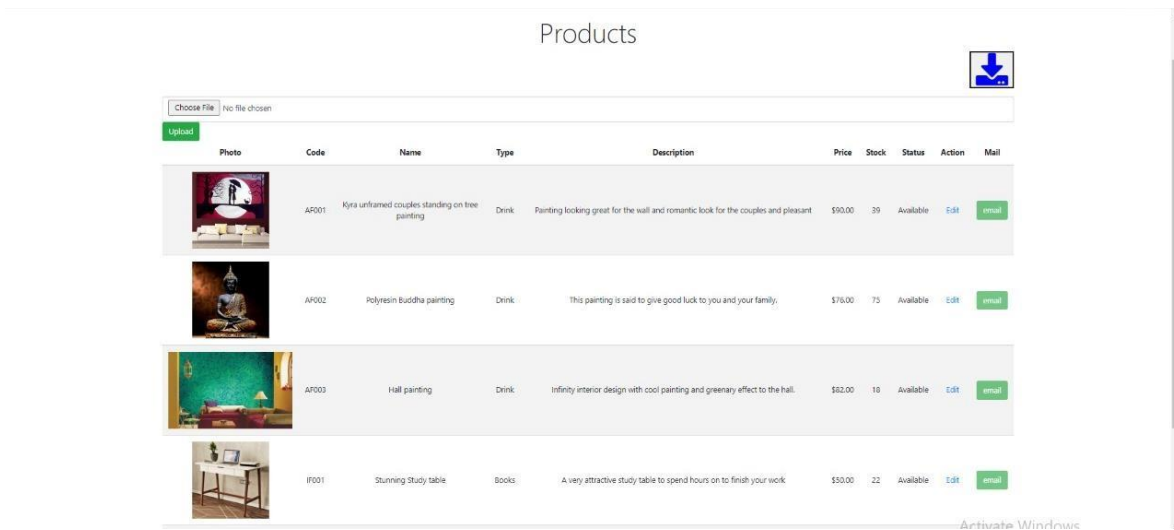
### Admin Page :







The screenshot shows the Admin Page of a web application. At the top, there is a navigation bar with links: Discount, Users, Stocks, Orders, Admin, and Sign Out. The main heading is "Products". Below the heading, there is a file upload section with a "Choose File" button and an "Upload" button. A table lists the products with columns: Photo, Code, Name, Type, Description, Price, Stock, Status, Action, and Mail. The table contains four rows of product data.

Photo	Code	Name	Type	Description	Price	Stock	Status	Action	Mail
	AP001	Kyra unframed couples standing on tree painting	Drink	Painting looking great for the wall and romantic look for the couples and pleasant	\$90.00	39	Available	<a href="#">Edit</a>	<a href="#">email</a>
	AP002	Polyresin Buddha painting	Drink	This painting is said to give good luck to you and your family.	\$76.00	75	Available	<a href="#">Edit</a>	<a href="#">email</a>
	AP003	Hall painting	Drink	Infinity interior design with cool painting and greenery effect to the hall.	\$82.00	18	Available	<a href="#">Edit</a>	<a href="#">email</a>
	IP001	Stunning Study table	Books	A very attractive study table to spend hours on to finish your work	\$30.00	22	Available	<a href="#">Edit</a>	<a href="#">email</a>


### Product Page :



The screenshot shows the Product Page of a web application. It has the same layout as the Admin Page, with a navigation bar, a "Products" heading, a file upload section, and a table listing products. The table contains the same four rows of product data as the Admin Page.

Photo	Code	Name	Type	Description	Price	Stock	Status	Action	Mail
	AP001	Kyra unframed couples standing on tree painting	Drink	Painting looking great for the wall and romantic look for the couples and pleasant	\$90.00	39	Available	<a href="#">Edit</a>	<a href="#">email</a>
	AP002	Polyresin Buddha painting	Drink	This painting is said to give good luck to you and your family.	\$76.00	75	Available	<a href="#">Edit</a>	<a href="#">email</a>
	AP003	Hall painting	Drink	Infinity interior design with cool painting and greenery effect to the hall.	\$82.00	18	Available	<a href="#">Edit</a>	<a href="#">email</a>
	IP001	Stunning Study table	Books	A very attractive study table to spend hours on to finish your work	\$30.00	22	Available	<a href="#">Edit</a>	<a href="#">email</a>


## User Page :

 ShopForHome

Discount Users Stocks Orders Admin Sign Out

Previous 1 Next

## Coupons Page :

 ShopForHome

Discount Users Stocks Orders Admin Sign Out

Previous 1 Next

# Installation Steps:

1. Java 11 jdk -> double click -> proceed with default settings
2. postgresql -> 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

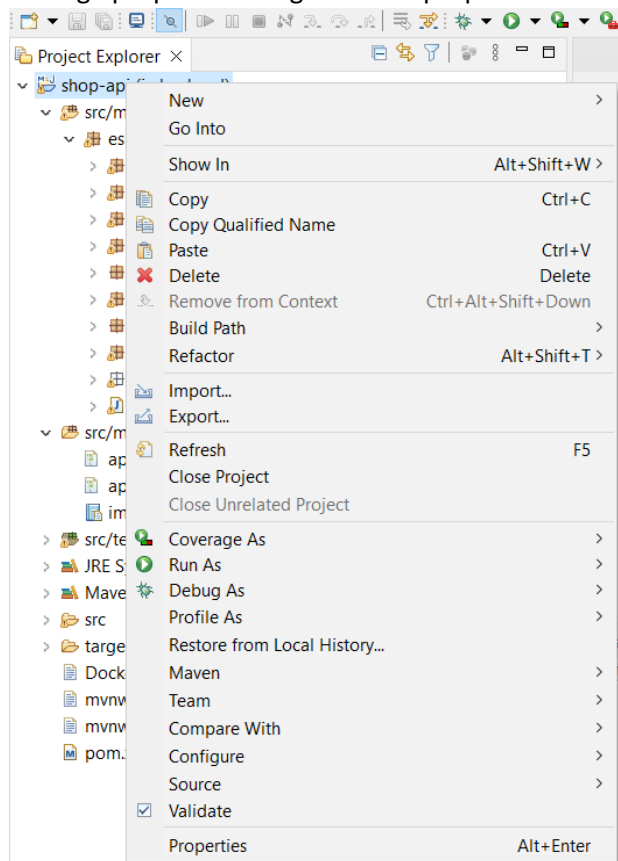
PC > Downloads > capstone project > eclipse

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)

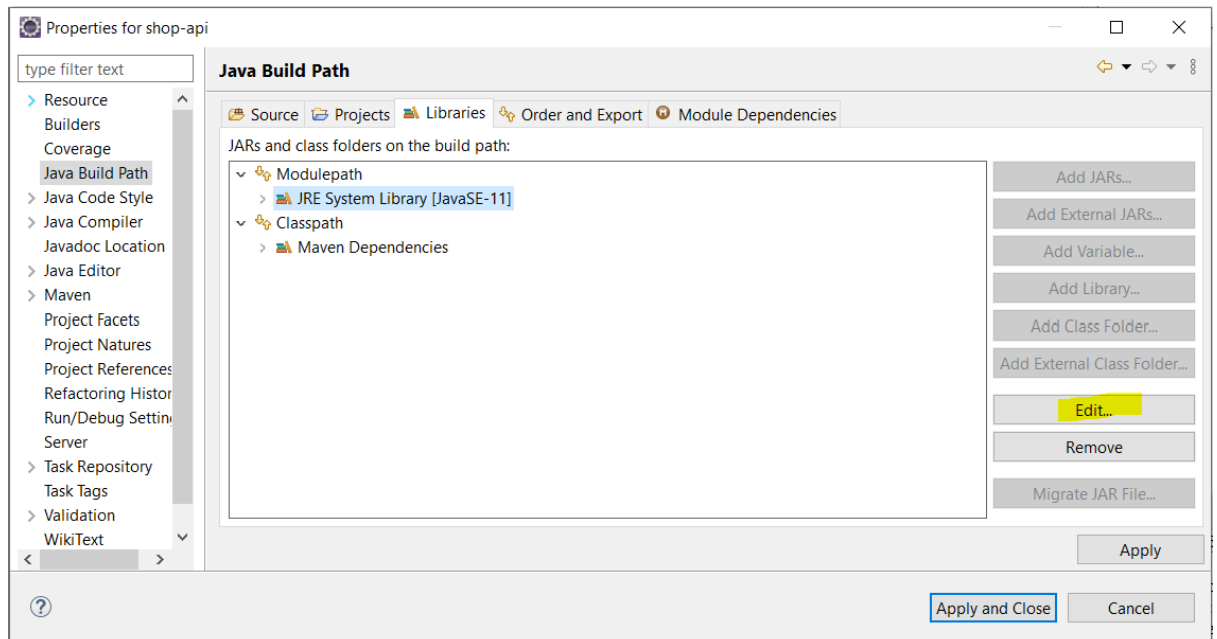
## **Import Backend project in Eclipse :**

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

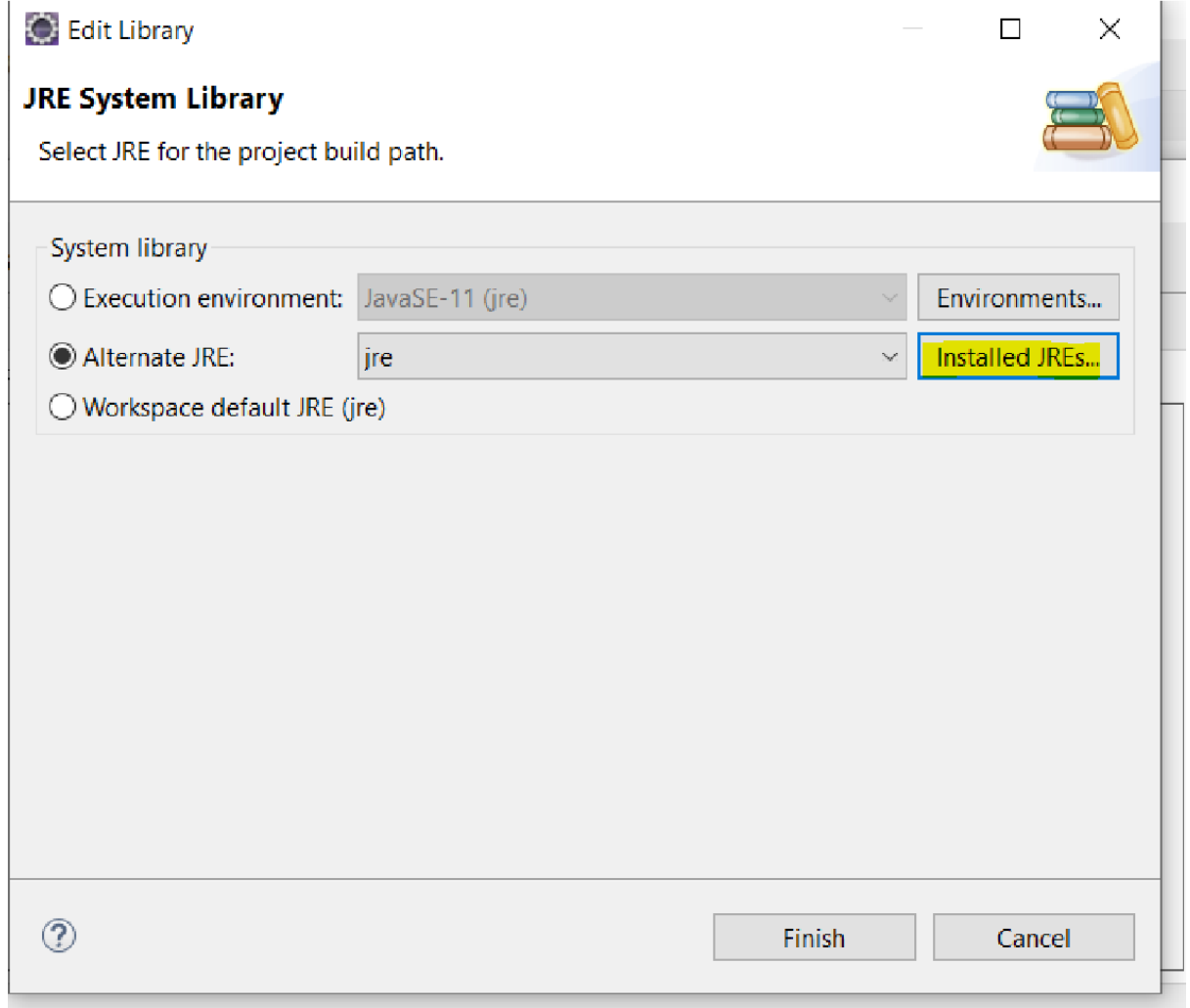


4.

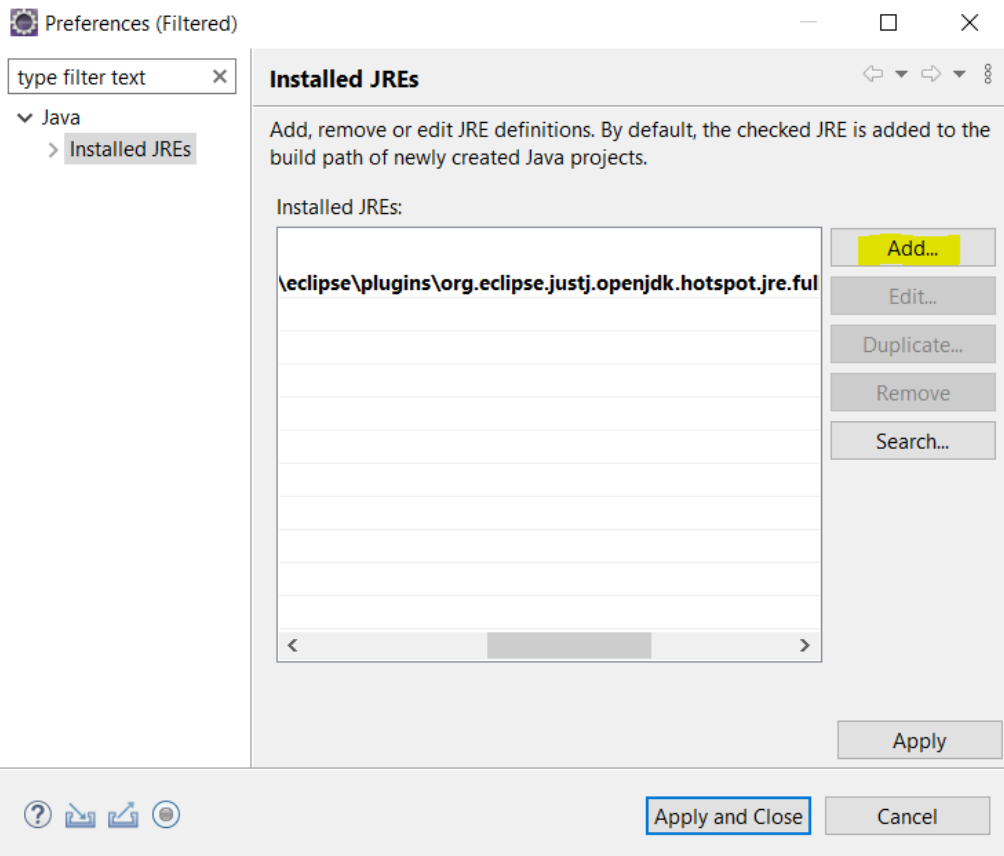




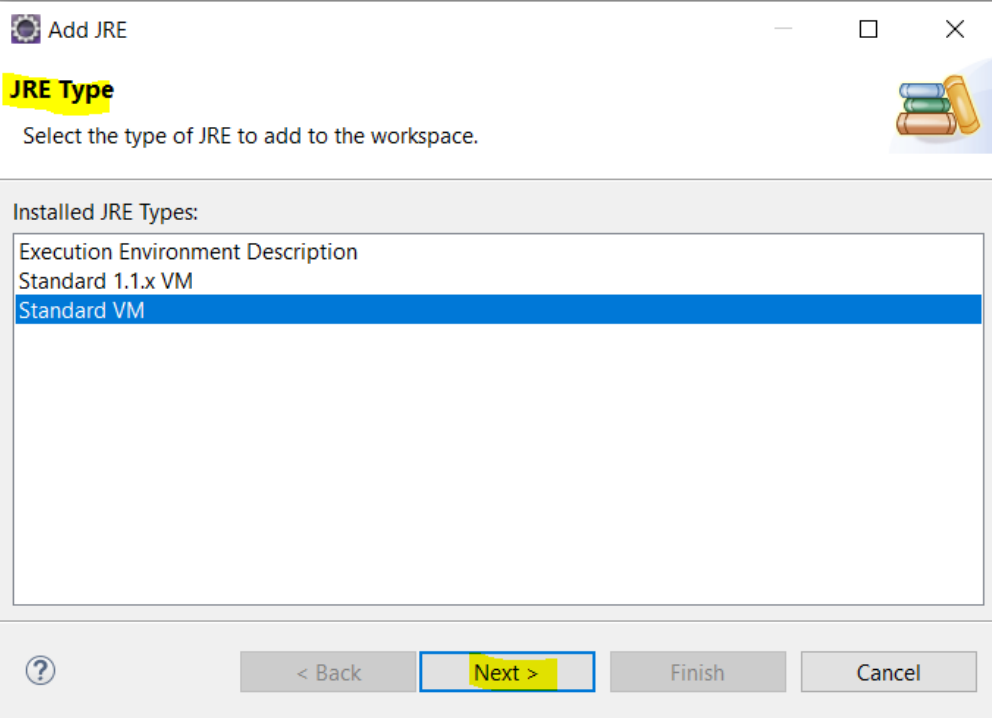
5.



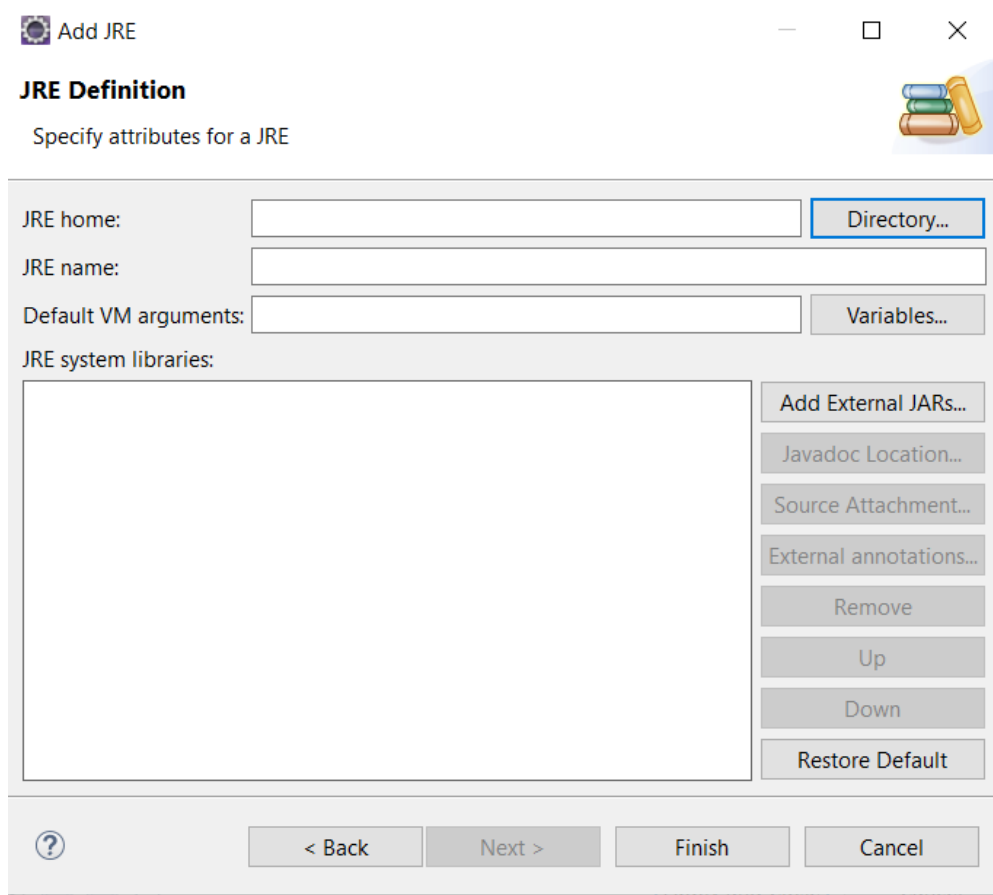
6.



7.



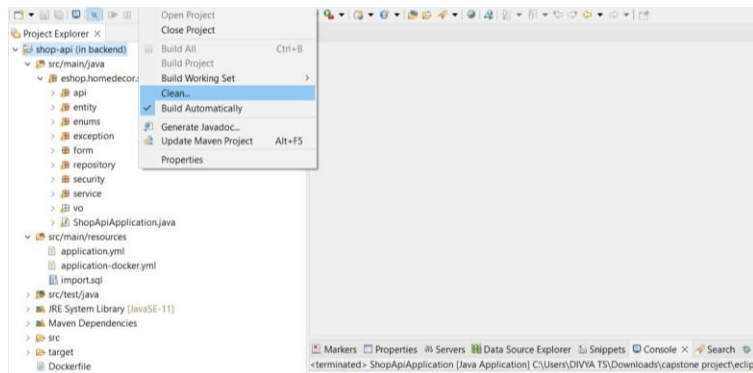
8.



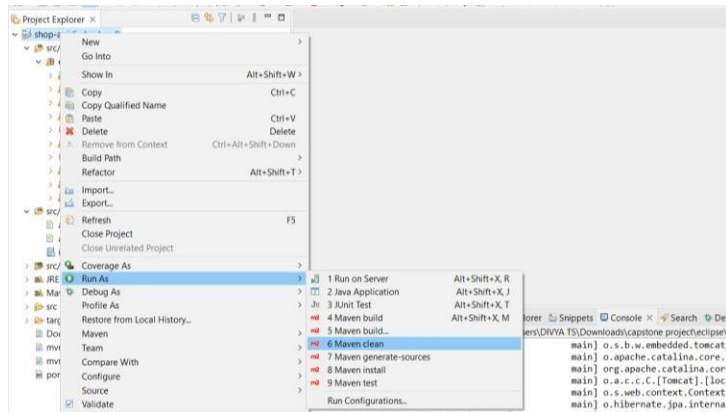
9.

Select Java directory (e.g., C:\Program Files\Java\jdk-11.0.14 )

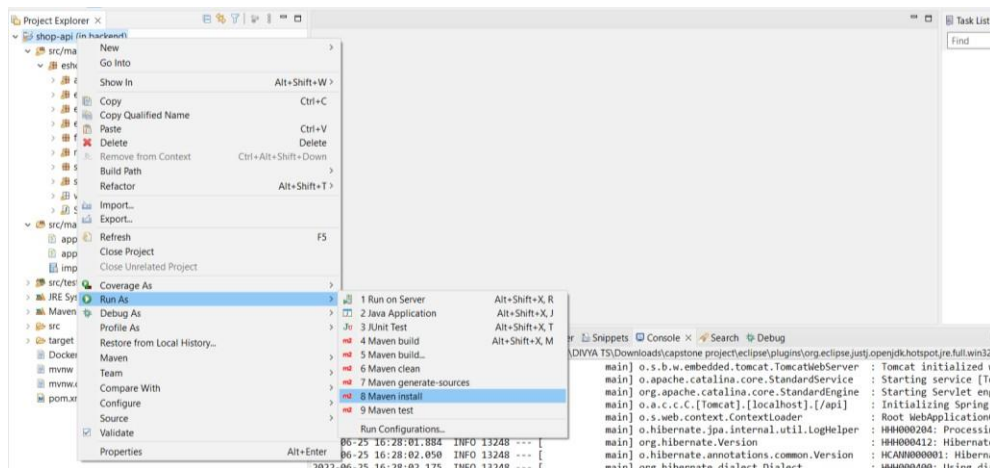
Then Do Project clean and Build.



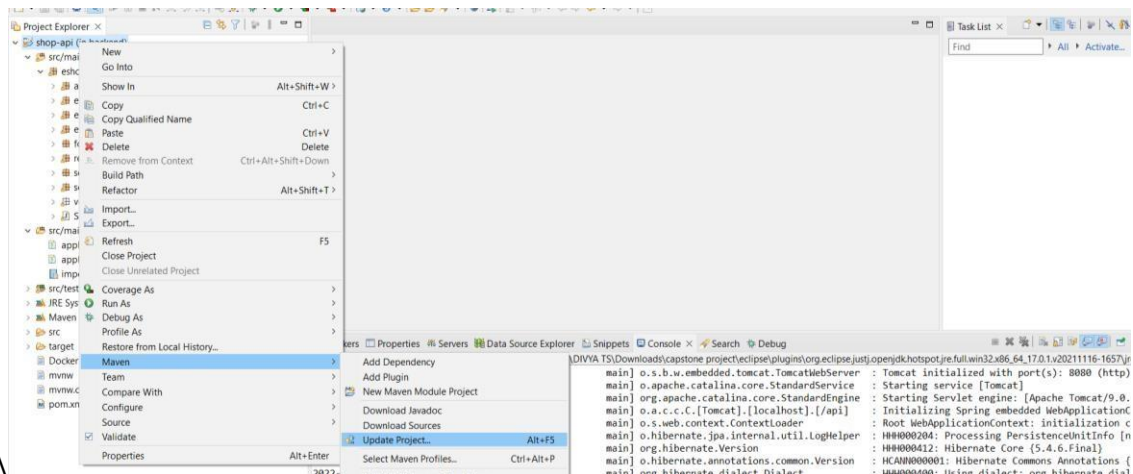
Then do maven clean



Maven install

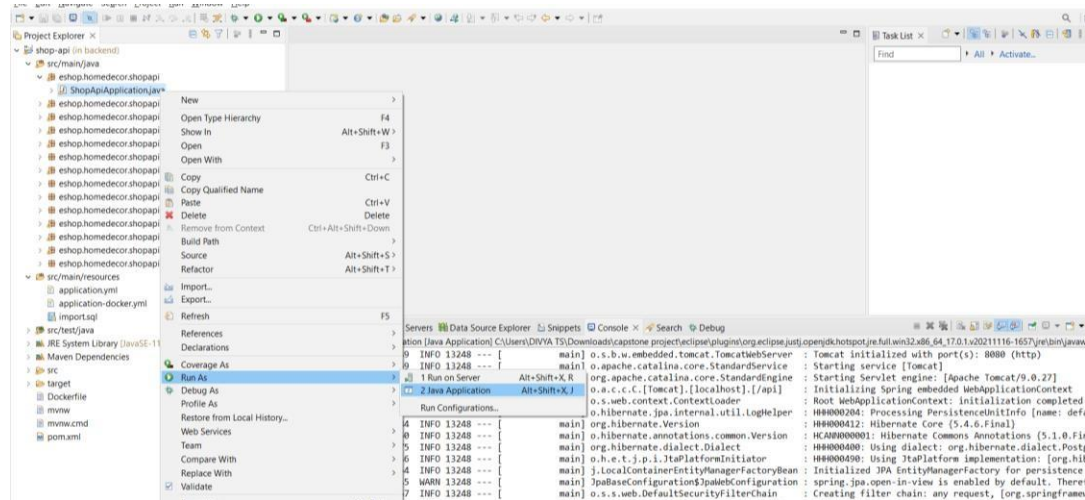


Maven Update



## Start Server

Before starting application -> create DB and add required tables



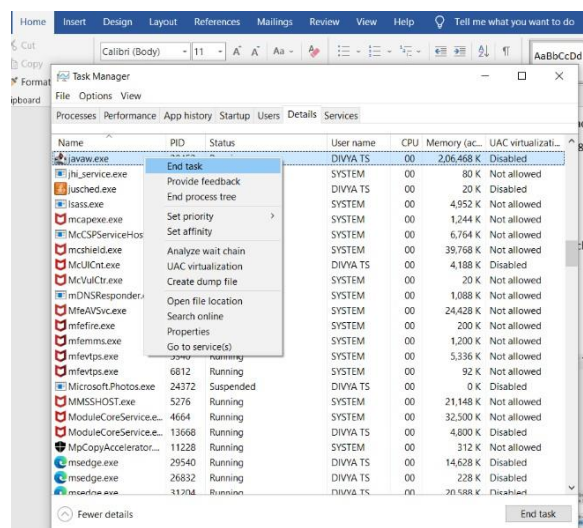
Then start the server (Note : Make sure port 8080 is not used by any other application)

## Known Issues :

Port 8080 is already in use

Fix:

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



## Front End

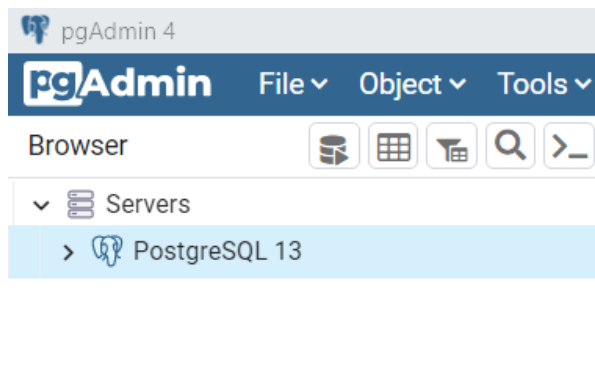
From your local Frontend code path -> open cmd

E.g. -> {local path}\ecommerce-eshop\frontend

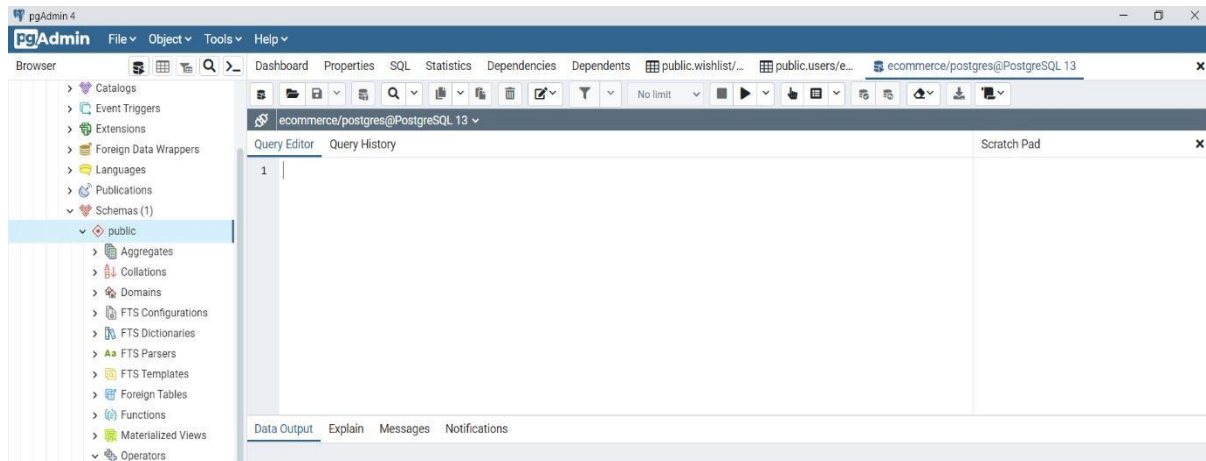
- Run this command -- **code** .
- Run **Npm install** from vs code terminal
- Run npm start
- After the successful compiling you got this link in terminal localhost/4200.
- Open this link in google chrome

## DataBase

- Install postgres SQL
- After installation search PgAdmin in your computer
- Open that PgAdmin



- This type of screen will open.



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

## **Conclusion :**

Technology has made significant progress over the years to provide consumers a better online shopping experience and will continue to do so for years to come. With the rapid growth of products and brands, people have speculated that online shopping will overtake in-store shopping. While this has been the case in some areas, there is still demand for brick-and-mortar stores in market areas where the consumer feels more comfortable seeing and touching the product being bought. However, the availability of online shopping has produced a more educated consumer that can shop around with relative ease without having to spend a large amount of time. In exchange, online shopping has opened up doors to many small retailers that would never be in business if they had to incur the high cost of owning a brick-and-mortar store. At the end, it has been a win-win situation for both consumer and sellers.