

CAPSTONE PROJECT

SHOP FOR HOME

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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 labor 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 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.

As of 2020, customers will be able to shop online using a variety of computers and devices, including desktop computers, laptops, tablets and smartphones. Online stores are reminiscent of the physical analogy of buying a product or service at a regular retail store or mall. This process is known as B2C (Business-to-Consumer) online shopping. If an online store is set up so that a company can make purchases from other companies, the process is called business-to-business (B2B) online shopping. In a typical online store, customers can browse the company's various products and services, and view product photos and images along with information about product specifications, features, and prices.

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 retailer ships the item to the customer. For digital products such as digital audio files for songs and software, retailers typically send the files to customers over the Internet. The largest of these online retailers are Alibaba, Amazon.com and eBay.

Capstone Project

Project Name - ShopForHome

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. 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 1. Please use a folder on server to upload the images

Instructions –

1. Please use a folder on server to upload the images
2. Please share the database structure in the .sql file.
3. Please create a separate microservice for reports and discount coupons.
4. Please use separate port to deploy the Angular UI and Spring Boot Microservice
5. Please use the UI designing tool like (Bootstrap or Material) to make your UI better
6. Please use Material UI to create the UI.

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.

Html 5

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 `` 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.

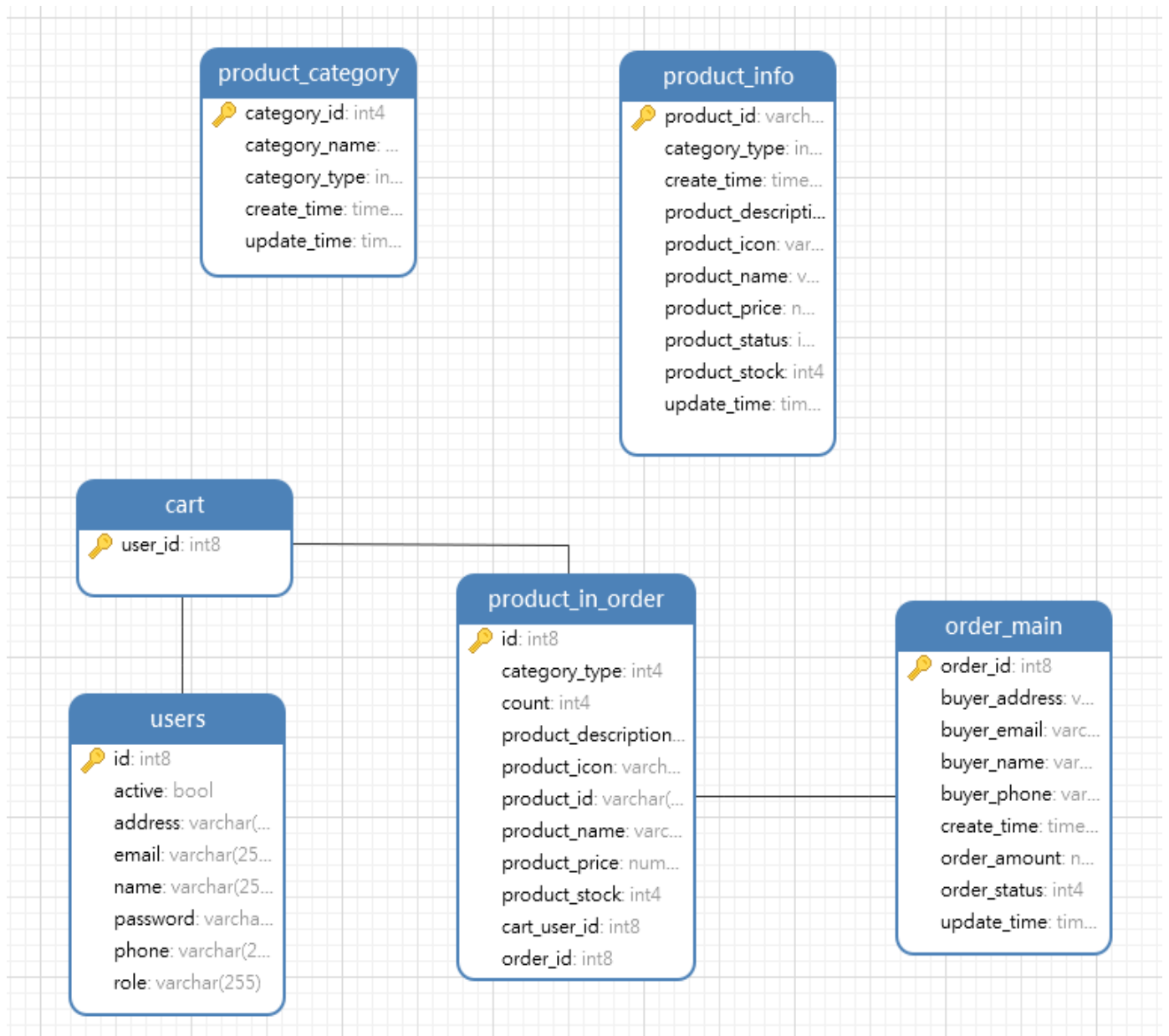
A database management system (DBMS) is the software that interacts with end users, applications, and the database itself to capture and analyse the data. The DBMS software additionally encompasses the core facilities provided to administer the database. The sum total of the database, the DBMS and the 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.

MySQL:

MySQL is an open-source relational database management system (RDBMS). Its name is a combination of "My", the name of co-founder Michael Widenius's daughter, and "SQL", the abbreviation for Structured Query Language. A relational database organizes data into one or more data tables in which data may be related to each other; these relations help structure the data. SQL is a language programmers use to create, modify and extract data from the relational database, as well as control user access to the database. In addition to relational databases and SQL, an RDBMS like MySQL works with an operating system to implement a relational database in a computer's storage system, manages users, allows for network access and facilitates testing database integrity and creation of backups.

Database Design:

Database Schema:














Database Tables:

Cart Table:

Result Grid		Filter Rows:
	user_id	
▶	4	
✱	NULL	

Users Table:

Result Grid			 Filter Rows: <input type="text"/>	Edit:   	Export/Import:  	Wrap Cell Content: 		
	id	active	address	email	name	password	phone	role
	4	1	Agra	rahul@gmail.com	Rahul	\$2a\$10\$BQ6ODke09Bkf/sF5yhkK.SV8r2VeRoaf...	7894561235	ROLE_CUSTOMER
	2147483645	1	Plot 2, Shivaji Nagar, Benagluru	admin@gmail.com	Admin	\$2a\$10\$LiBwO43TpKU0sZgCxNkWJueqZlqxoUB...	1234567890	ROLE_MANAGER
	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Product Category Table:

Result Grid

Filter Rows:

Edit:

Export/Import:

Wrap Cell Content:

	category_id	category_name	category_type	create_time	update_time
▶	2147483641	Books	0	2022-06-23 23:03:26.000000	2022-06-23 23:03:26.000000
	2147483642	Coffee Mugs	1	2022-06-23 23:03:26.000000	2022-06-23 23:03:26.000000
	2147483643	Mouse Pads	2	2022-06-23 23:03:26.000000	2022-06-23 23:03:26.000000
	2147483644	Luggage Tags	3	2022-06-23 23:03:26.000000	2022-06-23 23:03:26.000000
✱	NULL	NULL	NULL	NULL	NULL

Product Info Table:

<div> <div>Result Grid</div> <div> <div>Filter Rows:</div> <div>Edit:</div> <div>Export/Import:</div> <div>Wrap Cell Content:</div> </div> </div>						
	product_id	category_type	create_time	product_description	product_icon	product_name
▶	BOOK-TECH-1000	0	2022-07-08 10:19:05.000000	Learn Python at your own pace. The author ex...	assets/images/products/books/book-luv2code-1...	Crash Course
	BOOK-TECH-1001	0	2022-07-08 10:19:05.000000	Learn JavaScript at your own pace. The author ...	assets/images/products/books/book-luv2code-1...	Becoming a Gui
	BOOK-TECH-1002	0	2022-07-08 10:19:05.000000	Learn Vue.js at your own pace. The author expl...	assets/images/products/books/book-luv2code-1...	Exploring Vue
	BOOK-TECH-1003	0	2022-07-08 10:19:05.000000	Learn Big Data at your own pace. The author e...	assets/images/products/books/book-luv2code-1...	Advanced Te
	BOOK-TECH-1004	0	2022-07-08 10:19:05.000000	Learn Big Data at your own pace. The author e...	assets/images/products/books/book-luv2code-1...	Crash Course
	BOOK-TECH-1005	0	2022-07-08 10:19:05.000000	Learn JavaScript at your own pace. The author ...	assets/images/products/books/book-luv2code-1...	JavaScript Cr
	BOOK-TECH-1006	0	2022-07-08 10:19:05.000000	Learn SQL at your own pace. The author explai...	assets/images/products/books/book-luv2code-1...	Beginners Gu
	BOOK-TECH-1007	0	2022-07-08 10:19:05.000000	Learn JavaScript at your own pace. The author ...	assets/images/products/books/book-luv2code-1...	Advanced Te
	BOOK-TECH-1008	0	2022-07-08 10:19:05.000000	Learn Spring Boot at your own pace. The autho...	assets/images/products/books/book-luv2code-1...	Introduction
	BOOK-TECH-1009	0	2022-07-08 10:19:05.000000	Learn React.js at your own pace. The author e...	assets/images/products/books/book-luv2code-1...	Becoming a Gui
	BOOK-TECH-1010	0	2022-07-08 10:19:05.000000	Learn Data Science at your own pace. The auth...	assets/images/products/books/book-luv2code-1...	Beginners Gu

Product_in_order Table:

id	category_type	count	product_description	product_icon	product_id	product_name
5	0	1	Learn JavaScript at your own pace. The author ...	assets/images/products/books/book-luv2code-1...	BOOK-TECH-1001	Become a Guru in JavaScript
7	0	1	Learn JavaScript at your own pace. The author ...	assets/images/products/books/book-luv2code-1...	BOOK-TECH-1001	Become a Guru in JavaScript
10	3	1	This luggage tag will help you identify your lugg...	assets/images/products/luggagetags/luggageta...	LUGGAGETAG-1008	Luggage Tag - Water Fall
11	0	1	Learn JavaScript at your own pace. The author ...	assets/images/products/books/book-luv2code-1...	BOOK-TECH-1007	Advanced Techniques in Ja
24	3	1	This luggage tag will help you identify your lugg...	assets/images/products/luggagetags/luggageta...	LUGGAGETAG-1008	Luggage Tag - Water Fall
25	1	1	Do you love mathematics? If so, then you need ...	assets/images/products/coffeemugs/coffeemug...	COFFEEMUG-1008	Coffee Mug - Tachyon
26	2	1	Fractal images are amazing! You can now own a...	assets/images/products/mousepads/mousepad-...	MOUSEPAD-1007	Mouse Pad - Oak Cliff
27	3	1	This luggage tag will help you identify your lugg...	assets/images/products/luggagetags/luggageta...	LUGGAGETAG-1007	Luggage Tag - Beauty
28	1	1	Do you love mathematics? If so, then you need ...	assets/images/products/coffeemugs/coffeemug...	COFFEEMUG-1008	Coffee Mug - Tachyon
29	3	1	This luggage tag will help you identify your lugg...	assets/images/products/luggagetags/luggageta...	LUGGAGETAG-1008	Luggage Tag - Water Fall
31	0	1	Learn Spring Boot at your own pace. The autho...	assets/images/products/books/book-luv2code-1...	BOOK-TECH-1008	Introduction to Spring Boot

Order main Table:

Result Grid		Filter Rows:	<input type="text"/>	Edit:				Export/Import:			Wrap Cell Content:		
	order_id	buyer_address	buyer_email	buyer_name	buyer_phone	create_time	order_amount	order_status	update_time				
	6	Agra	rahul@gmail.com	Rahul	7894561235	2022-07-08 10:23:06.322237	20.99	1	2022-07-08 15:17:07.714863				
	8	Agra	rahul@gmail.com	Rahul	7894561235	2022-07-08 11:17:15.393351	20.99	1	2022-07-08 15:17:06.316211				
	30	Agra	rahul@gmail.com	Rahul	7894561235	2022-07-08 18:20:12.418177	16.99	2	2022-07-08 18:20:23.897925				
	32	Agra	rahul@gmail.com	Rahul	7894561235	2022-07-08 18:21:34.578143	25.99	1	2022-07-08 18:22:32.118611				
	49	Agra	rahul@gmail.com	Rahul	7894561235	2022-07-09 22:56:57.329620	113.94	2	2022-07-09 22:57:07.954220				
	52	Agra	rahul@gmail.com	Rahul	7894561235	2022-07-09 23:05:47.337725	42.98	0	2022-07-09 23:05:47.337725				
	54	Agra	rahul@gmail.com	Rahul	7894561235	2022-07-10 09:30:00.358878	16.99	0	2022-07-10 09:30:00.358878				
	56	Agra	rahul@gmail.com	Rahul	7894561235	2022-07-10 09:30:56.020282	18.99	0	2022-07-10 09:30:56.020282				
	58	Agra	rahul@gmail.com	Rahul	7894561235	2022-07-10 09:31:44.219279	17.99	0	2022-07-10 09:31:44.219279				
*	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL				

Discount Table:

Result Grid			Filter Rows:
	id	status	
▶	DEALS	0	
	HOLIDAY	0	
	NEWYEAR	0	
	SAVE	0	
*	NULL	NULL	

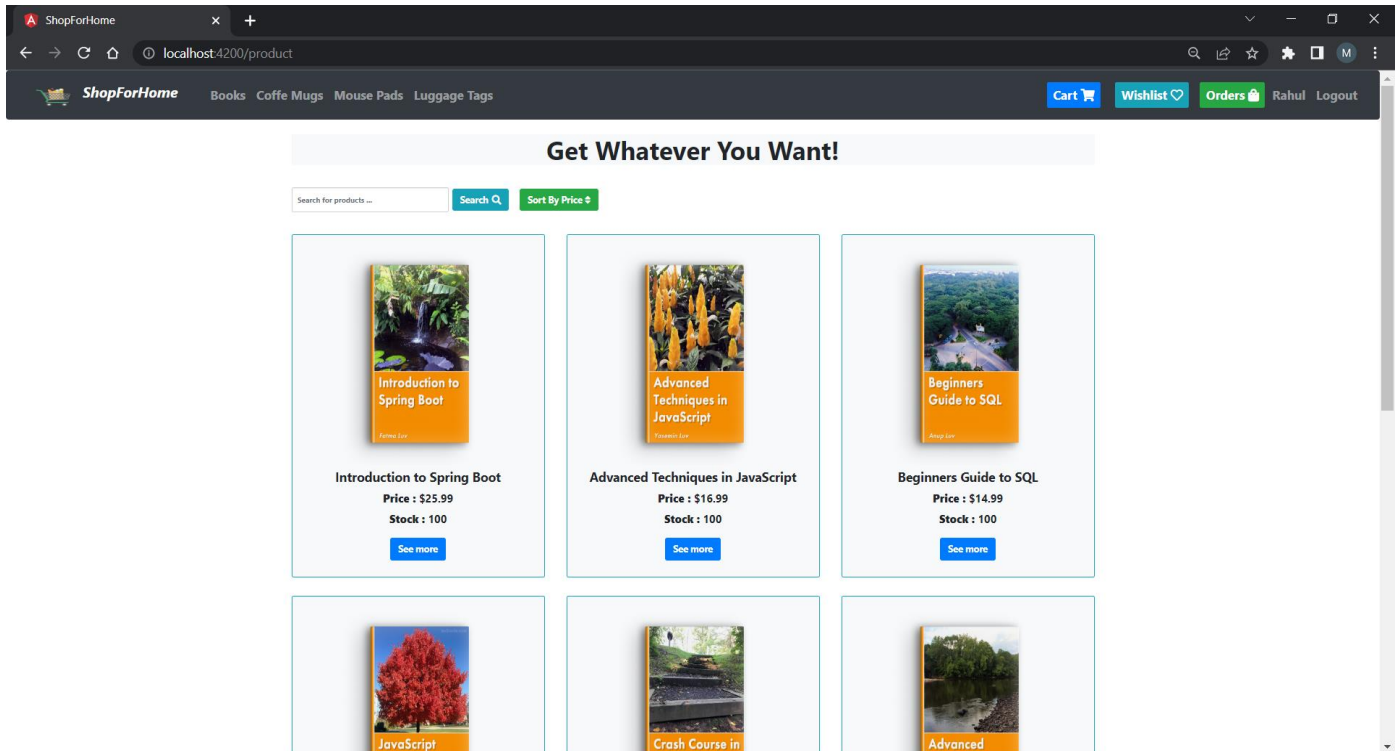
Wish list Table:

Result Grid					Filter Rows:	Edit:	Export/Import:	Wrap Cell Content:
	id	created_date	user_id	product_id				
▶	47	2022-07-09 21:12:05.211000	4	BOOK-TECH-1007				
	59	2022-07-10 12:29:10.568000	4	LUGGAGETAG-1007				
	60	2022-07-10 12:29:15.176000	4	MOUSEPAD-1007				
	61	2022-07-10 12:29:20.010000	4	COFFEEMUG-1005				
*	NULL	NULL	NULL	NULL				

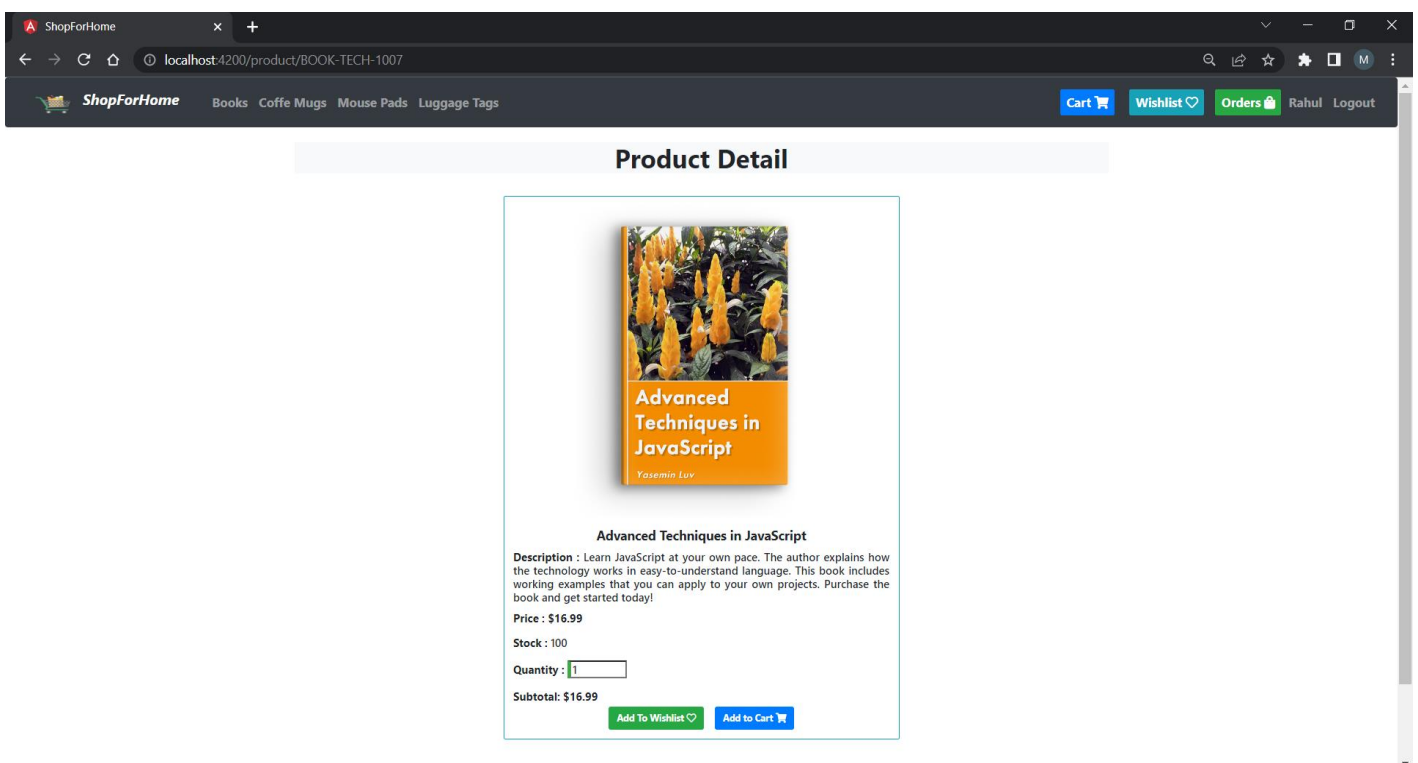
Design and Implementation of the Site:

User Pages:

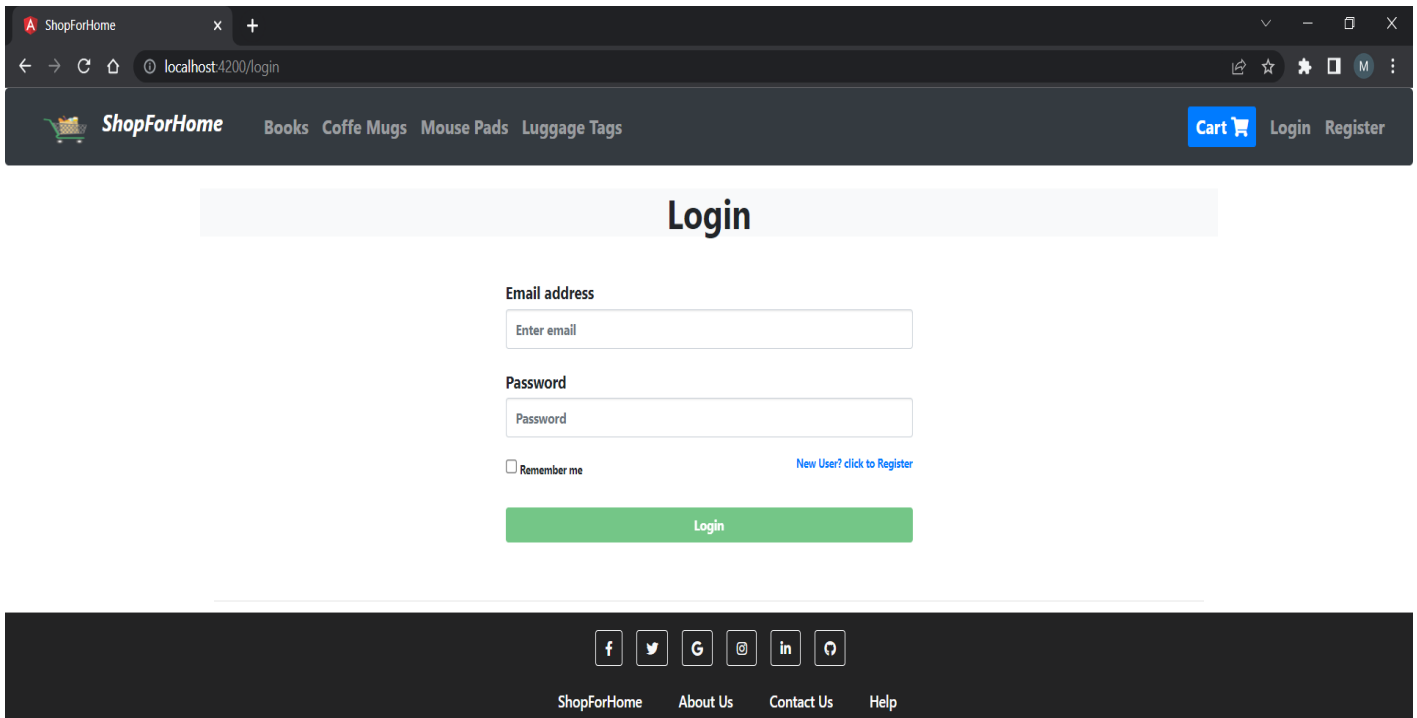
Home Page:



Product Detail:



Login Page: (for both user and admin)



The screenshot shows a web browser window with the address bar displaying 'localhost:4200/login'. The page features a dark header with the 'ShopForHome' logo, navigation links for 'Books', 'Coffe Mugs', 'Mouse Pads', and 'Luggage Tags', and a 'Cart' button. The main content area has a light gray background with the title 'Login'. Below the title, there are input fields for 'Email address' and 'Password', a 'Remember me' checkbox, and a 'Login' button. A link for 'New User? click to Register' is also present. The footer contains social media icons and links for 'ShopForHome', 'About Us', 'Contact Us', and 'Help'.

ShopForHome Books Coffe Mugs Mouse Pads Luggage Tags Cart Login Register

Login

Email address
Enter email

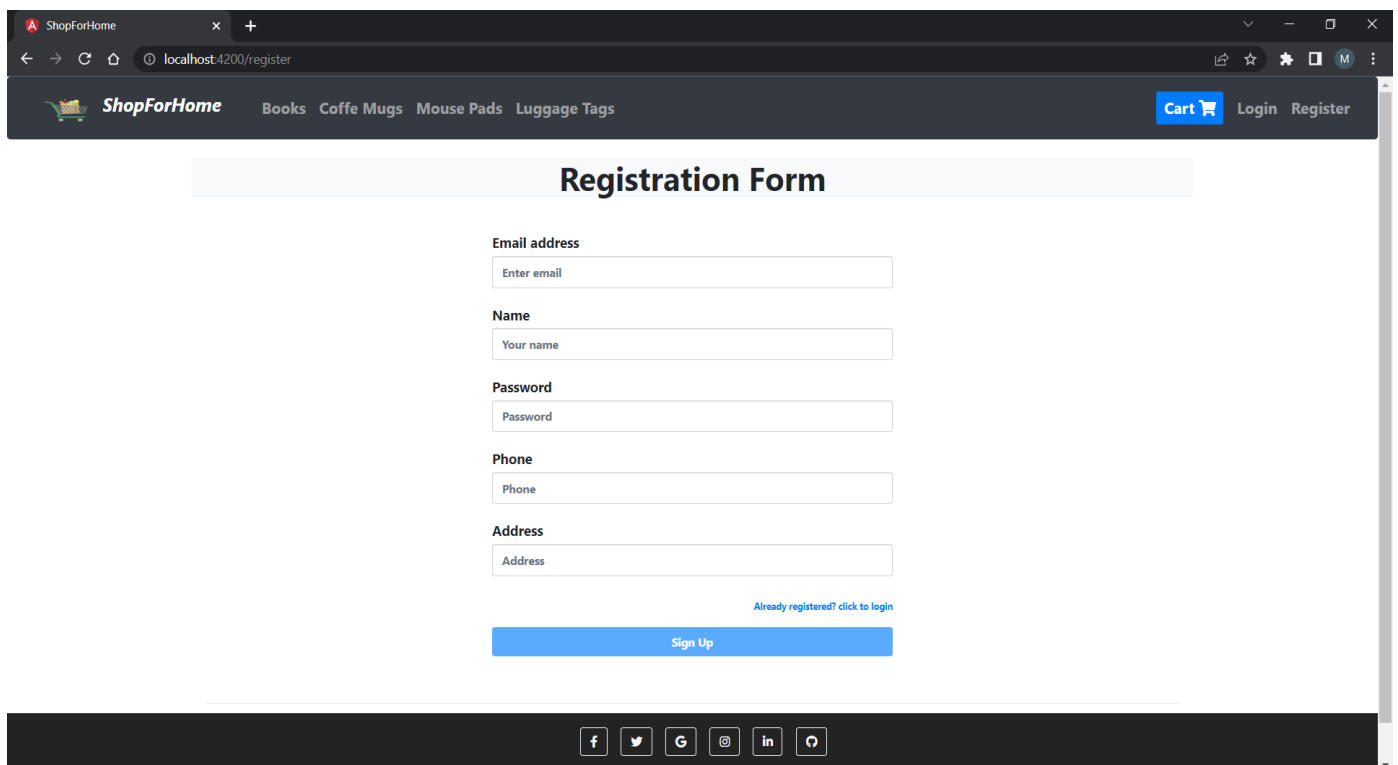
Password
Password

☐ Remember me [New User? click to Register](#)

Login

ShopForHome About Us Contact Us Help

Register Page:



The screenshot shows a web browser window with the address bar displaying 'localhost:4200/register'. The page features a dark header with the 'ShopForHome' logo, navigation links for 'Books', 'Coffe Mugs', 'Mouse Pads', and 'Luggage Tags', and a 'Cart' button. The main content area has a light gray background with the title 'Registration Form'. Below the title, there are input fields for 'Email address', 'Name', 'Password', 'Phone', and 'Address'. A link for 'Already registered? click to login' is also present. The footer contains social media icons.

ShopForHome Books Coffe Mugs Mouse Pads Luggage Tags Cart Login Register

Registration Form

Email address
Enter email

Name
Your name

Password
Password

Phone
Phone

Address
Address

[Already registered? click to login](#)

Sign Up

f t G @ in





Wish List Page:

ShopForHome

BooksCoffe MugsMouse PadsLuggage Tags

CartWishlistOrdersRahulLogout

My WishList

Photo	Name	Price	Stock	Action
	Advanced Techniques in JavaScript	\$16.99	100	Remove
	Luggage Tag - Beauty	\$16.99	100	Remove
	Mouse Pad - Worthing	\$17.99	100	Remove
	Coffee Mug - Tachyon	\$18.99	100	Remove

[f](#)[t](#)[G](#)[@](#)[in](#)[v](#)

ShopForHomeAbout UsContact UsHelp





Cart Page:

ShopForHome

BooksCoffe MugsMouse PadsLuggage Tags

CartWishlistOrdersRahulLogout

My Cart

Photo	Name	Price	Quantity	Subtotal	Action
	Luggage Tag - Beauty	\$16.99	<div>- 3 +</div>	\$50.97	Remove
	Mouse Pad - Worthing	\$17.99	<div>- 2 +</div>	\$35.98	Remove
	Coffee Mug - Tachyon	\$18.99	<div>- 6 +</div>	\$113.94	Remove
	Advanced Techniques in JavaScript	\$16.99	<div>- 1 +</div>	\$16.99	Remove

Total: \$217.88

Checkout

[f](#)[t](#)[G](#)[@](#)[in](#)[v](#)

Order Page: (for both user and admin)

ShopForHome

BooksCoffe MugsMouse PadsLuggage Tags

CartWishlistOrdersRahulLogout

Orders

Order #	Customer Name	Customer Email	Customer Phone	Shipping Address	Total	Order Date	Status	Action
13	Rahul	rahul@gmail.com	9897594423	Agra	\$217.88	Jul 11, 2022	New	Show Cancel

Previous1Next

[f](#)[t](#)[G](#)[@](#)[in](#)[Q](#)

ShopForHomeAbout UsContact UsHelp





Order detail Page: (for both user and admin)

ShopForHome

BooksCoffe MugsMouse PadsLuggage Tags

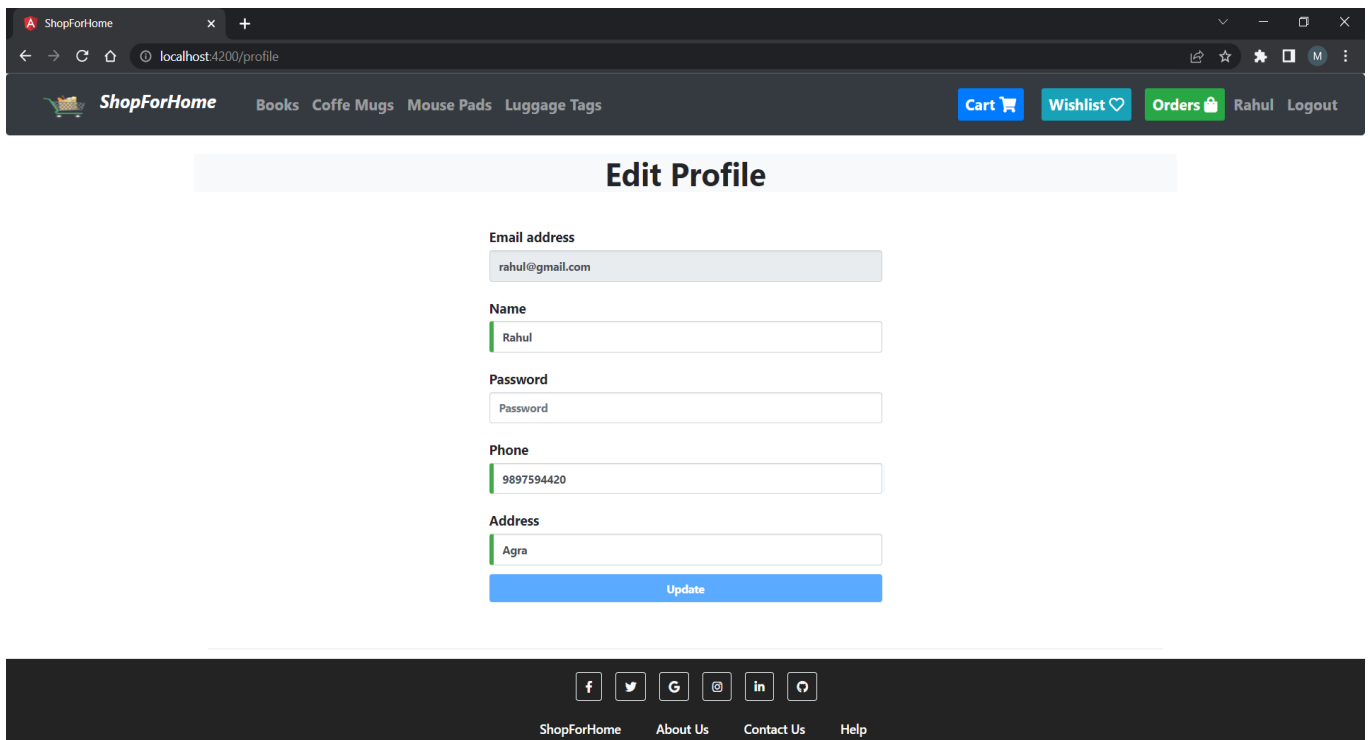
CartWishlistOrdersRahulLogout

Order Detail

Photo	Name	Description	Price	Quantity	Subtotal
	Advanced Techniques in JavaScript	Learn JavaScript at your own pace. The author explains how the technology works in easy-to-understand language. This book includes working examples that you can apply to your own projects. Purchase the book and get started today!	\$16.99	1	\$16.99
	Coffee Mug - Tachyon	Do you love mathematics? If so, then you need this elegant coffee mug with an amazing fractal design. You don't have to worry about boring coffee mugs anymore. This coffee mug will be the topic of conversation in the office, guaranteed! Buy it now!	\$18.99	6	\$113.94
	Mouse Pad - Worthing	Fractal images are amazing! You can now own a mouse pad with a unique and amazing fractal. The mouse pad is made of a durable and smooth material. Your mouse will easily glide across the mouse pad. This mouse pad will brighten your workspace. Buy it now!	\$17.99	2	\$35.98
	Luggage Tag - Beauty	This luggage tag will help you identify your luggage. The luggage tag is very unique and it will stand out from the crowd. The luggage tag is created out of a rugged and durable plastic. Buy this luggage tag now to make it easy to identify your luggage!	\$16.99	3	\$50.97
					Total : \$217.88

[f](#)[t](#)[G](#)[@](#)[in](#)[Q](#)

Edit Profile Page: (for both user and admin)



ShopForHome

Books Coffe Mugs Mouse Pads Luggage Tags

Cart Wishlist Orders Rahul Logout

Edit Profile

Email address
rahul@gmail.com

Name
Rahul

Password
Password

Phone
9897594420

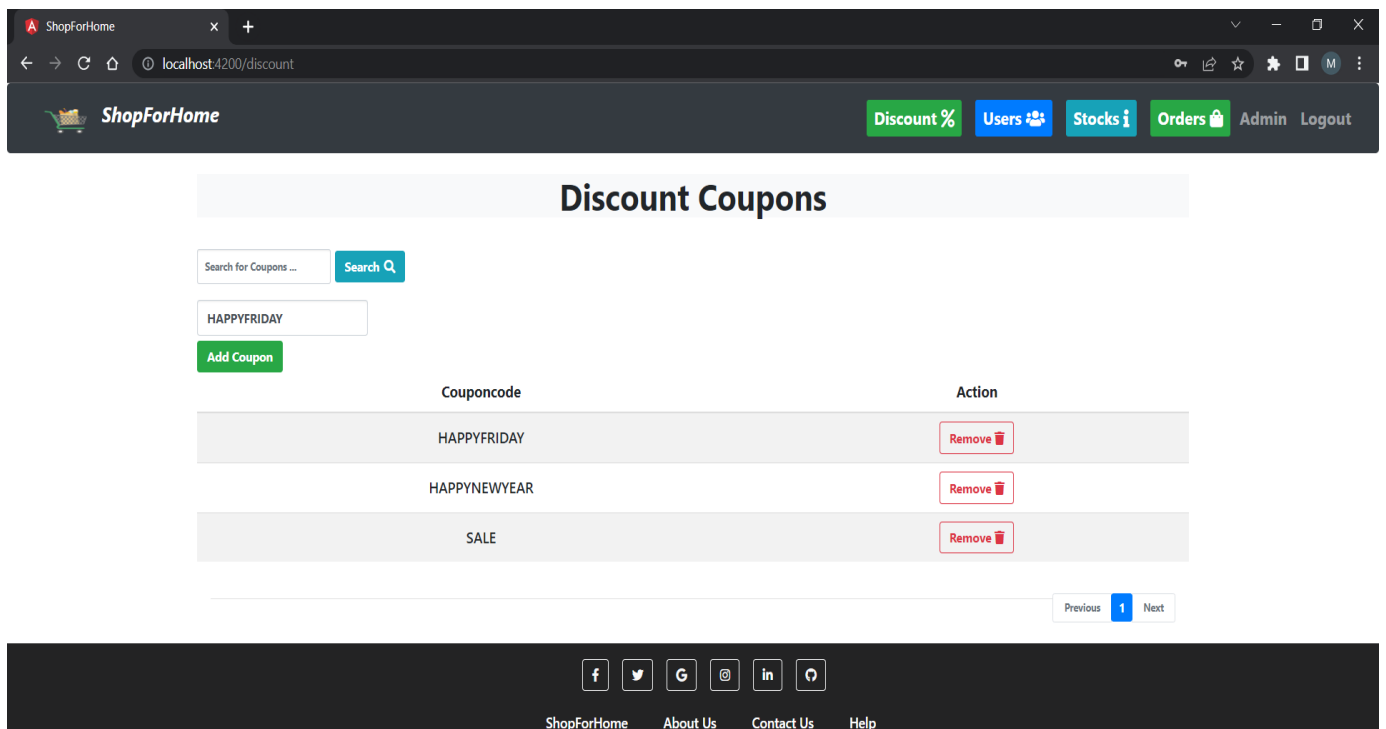
Address
Agra

Update

ShopForHome About Us Contact Us Help

Admin Pages:

Discount Page:



ShopForHome

Discount % Users Stocks Orders Admin Logout

Discount Coupons

Search for Coupons ... Search

HAPPYFRIDAY

Add Coupon

Couponcode	Action
HAPPYFRIDAY	Remove
HAPPYNEWYEAR	Remove
SALE	Remove

Previous 1 Next

ShopForHome About Us Contact Us Help

Users Page:

ShopForHome

Discount %UsersStocksOrdersAdminLogout

Users

Search for Users ... Search

Email	Name	Phone	Role	Action
rahul@gmail.com	Rahul	9897594423	ROLE_CUSTOMER	Add Admin Remove User
admin@gmail.com	Admin	1234567890	ROLE_MANAGER	Remove Admin

Previous 1 Next

[f](#)[t](#)[G](#)[@](#)[in](#)[M](#)

ShopForHomeAbout UsContact UsHelp

Products Page:

ShopForHome

Discount %UsersStocksOrdersAdminLogout

Products

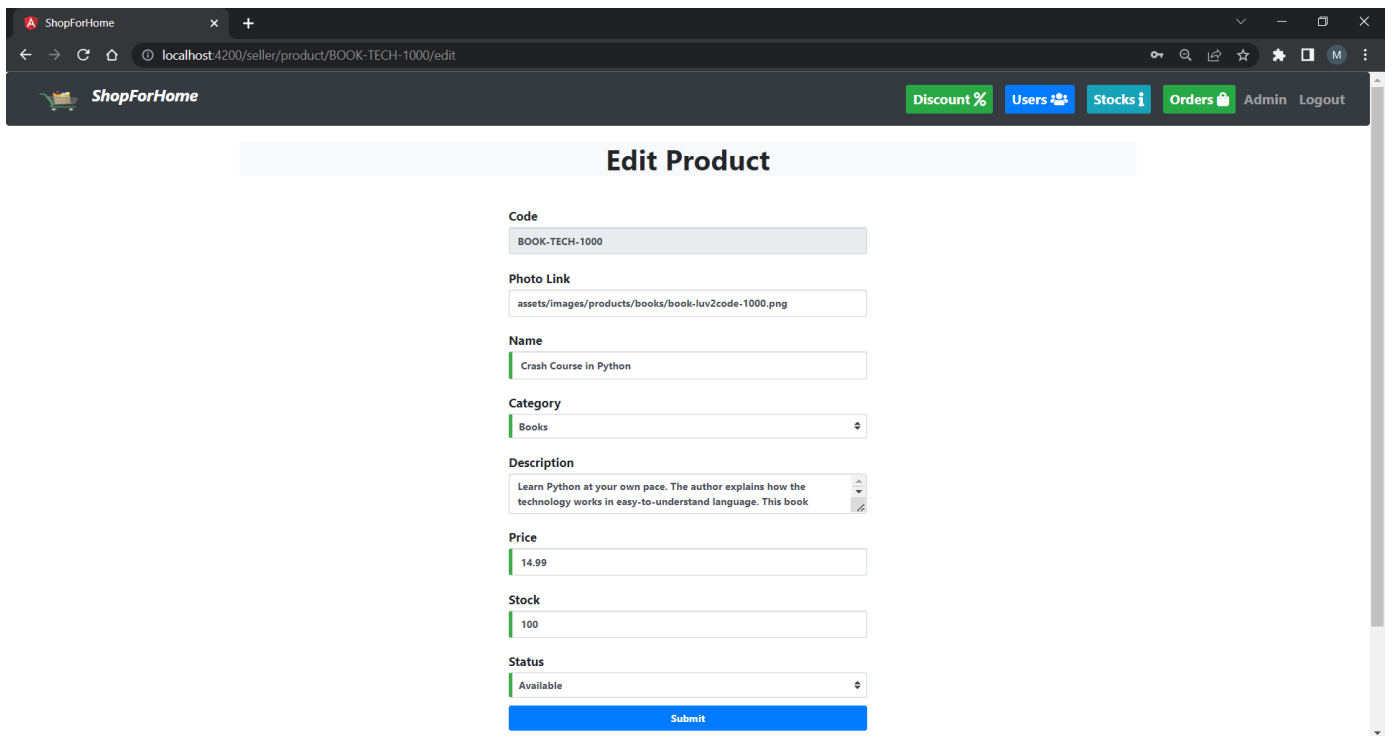
Choose File No file chosenAdd Product +

Upload ProductsDownload Report

Search for products ... Search

Photo	Code	Name	Type	Description	Price	Stock	Status	Action	Mail
	BOOK-TECH-1000	Crash Course in Python	Books	Learn Python at your own pace. The author explains how the technology works in easy-to-understand language. This book includes working examples that you can apply to your own projects. Purchase the book and get started today!	\$14.99	100	Available	Edit Remove	Email
	BOOK-TECH-1001	Become a Guru in JavaScript	Books	Learn JavaScript at your own pace. The author explains how the technology works in easy-to-understand language. This book includes working examples that you can apply to your own projects. Purchase the book and get started today!	\$20.99	100	Available	Edit Remove	Email
	BOOK-TECH-1002	Exploring Vue.js	Books	Learn Vue.js at your own pace. The author explains how the technology works in easy-to-understand language. This book includes working examples that you can apply to your own projects. Purchase the book and get started today!	\$14.99	100	Available	Edit Remove	Email
	BOOK-TECH-1003	Advanced Techniques in Big Data	Books	Learn Big Data at your own pace. The author explains how the technology works in easy-to-understand language. This book includes working examples that you can apply to your own projects. Purchase the book and get started today!	\$13.99	100	Available	Edit Remove	Email

Edit Product Page:

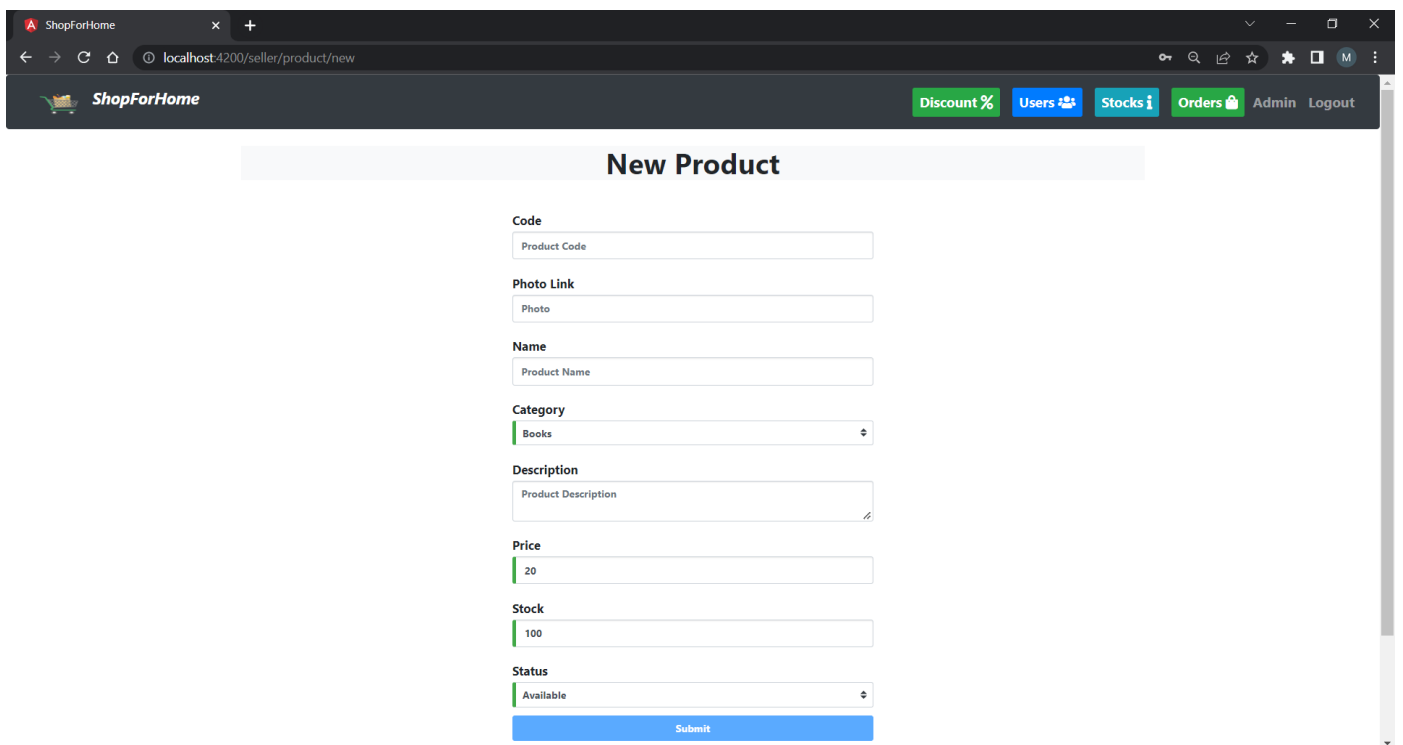


The screenshot shows a web browser window with the address bar displaying `localhost:4200/seller/product/BOOK-TECH-1000/edit`. The page title is "Edit Product". The form contains the following fields:

- Code:** `BOOK-TECH-1000`
- Photo Link:** `assets/images/products/books/book-luv2code-1000.png`
- Name:** `Crash Course in Python`
- Category:** `Books`
- Description:** `Learn Python at your own pace. The author explains how the technology works in easy-to-understand language. This book`
- Price:** `14.99`
- Stock:** `100`
- Status:** `Available`

A blue "Submit" button is located at the bottom of the form.

New Product Page:



The screenshot shows a web browser window with the address bar displaying `localhost:4200/seller/product/new`. The page title is "New Product". The form contains the following fields:

- Code:** `Product Code`
- Photo Link:** `Photo`
- Name:** `Product Name`
- Category:** `Books`
- Description:** `Product Description`
- Price:** `20`
- Stock:** `100`
- Status:** `Available`

A blue "Submit" button is located at the bottom of the form.

Email Page:

ShopForHome

localhost:4200/email

Discount %Users Stocks iOrders Admin Logout

Contact us

We're open for any suggestion or just to have a chat

Address : Shop For Home Email : shopForHome@gmail.com

Phone : + 1235 2355 98

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Send Message

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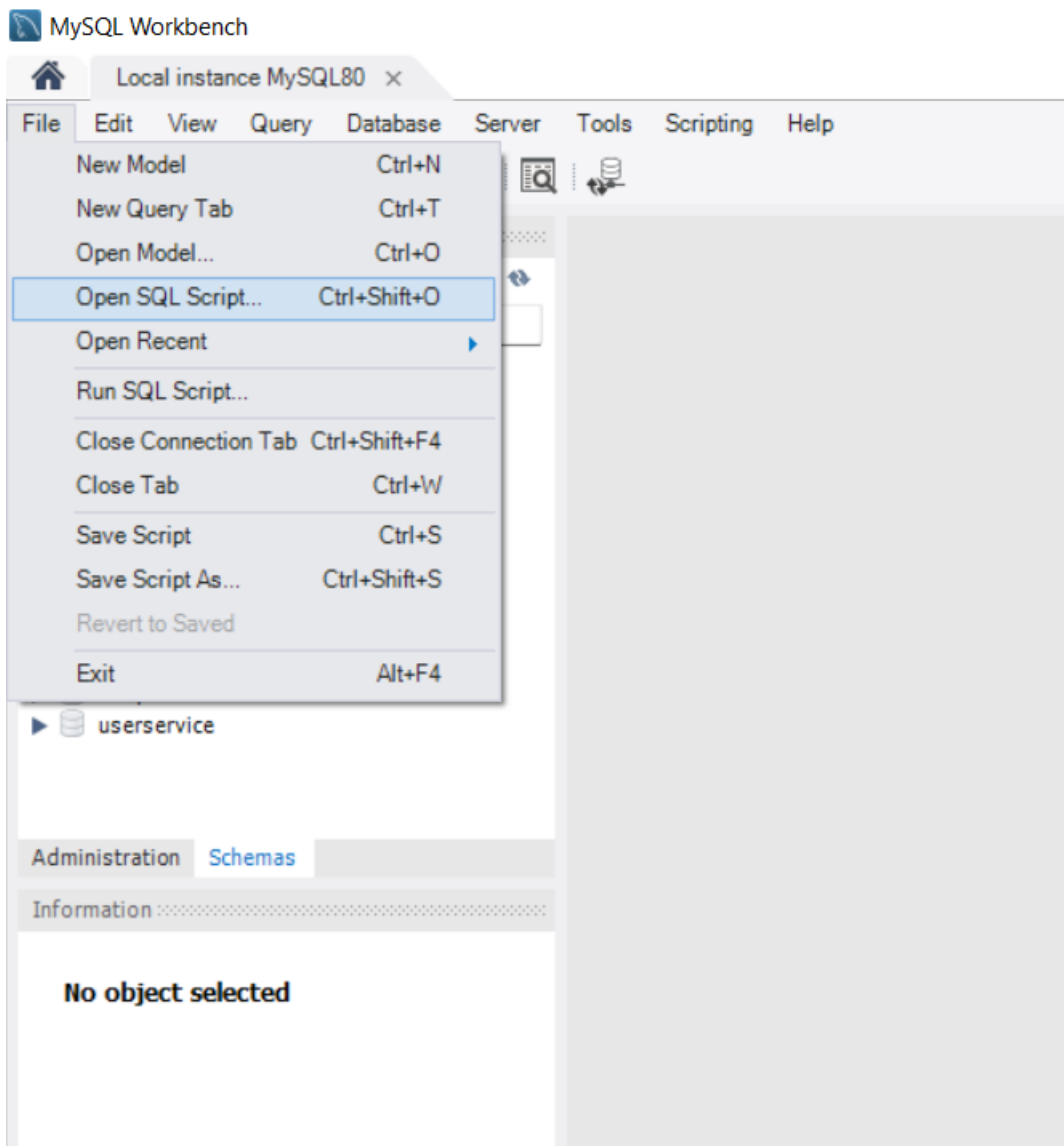
Installation Steps:

Required Software:

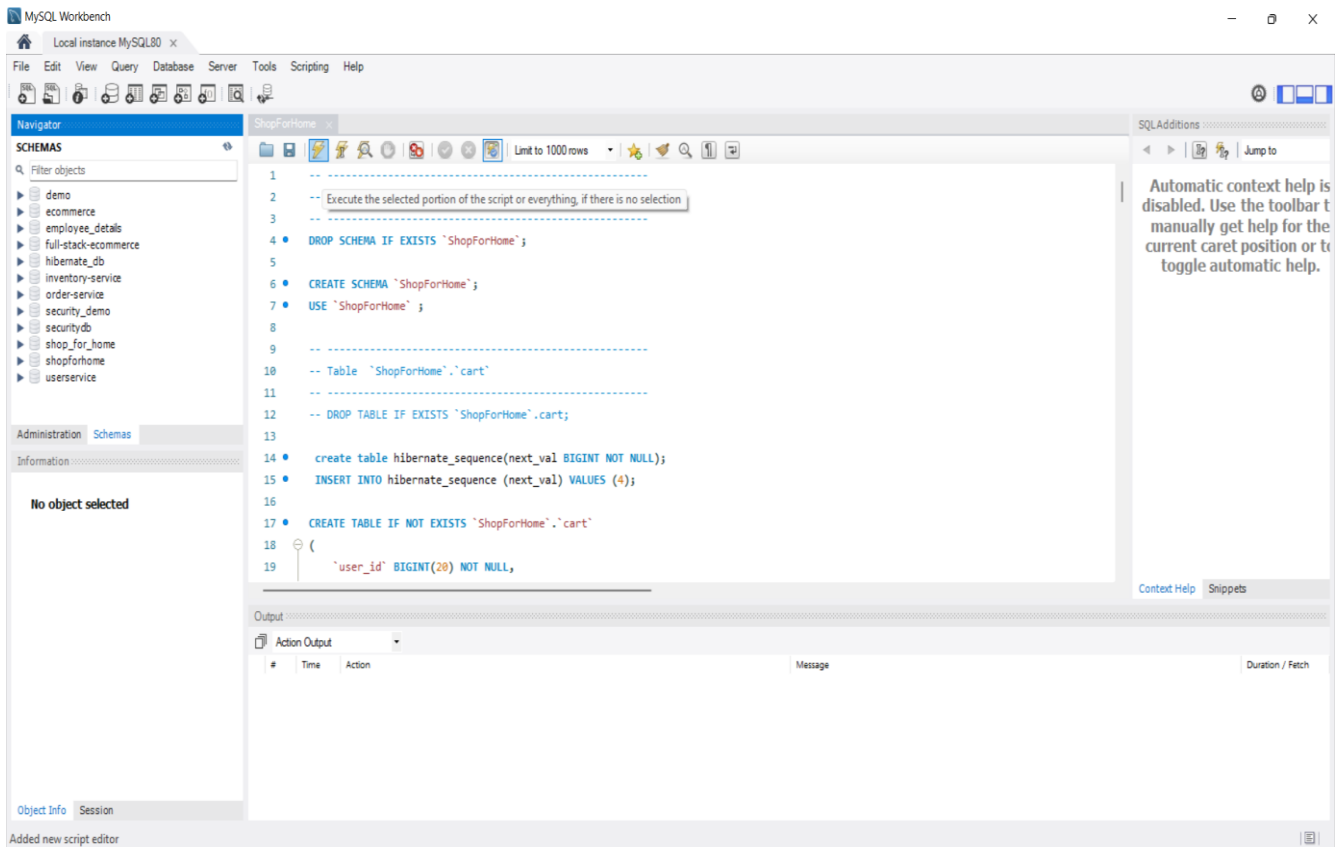
1. [Spring Tool Suite](#)
2. [Visual Studio Code](#)
3. [MySQL](#)

Create database in MySQL Workbench:

1. Open MySQL Workbench.
2. Click on Open SQL Script.



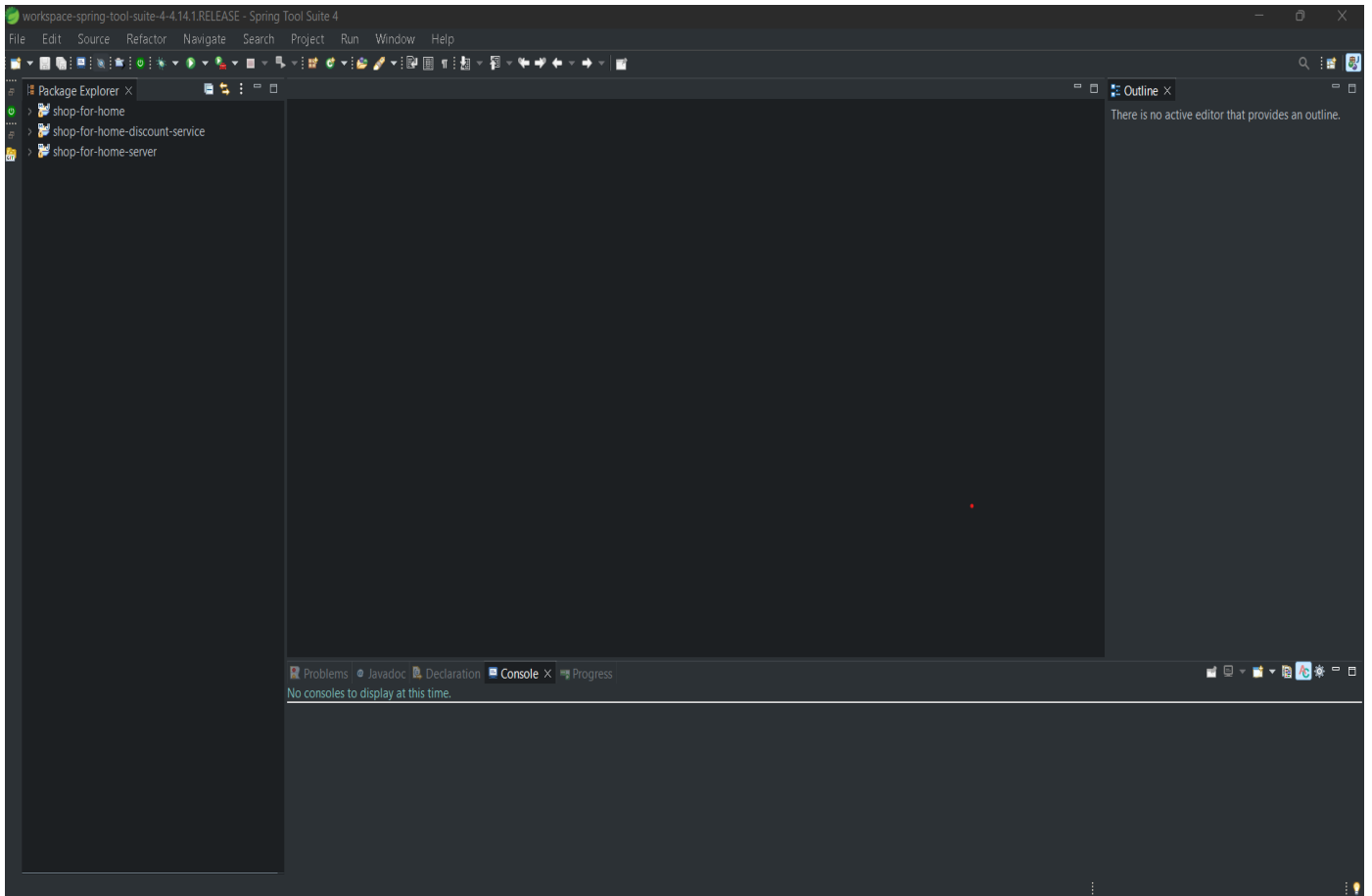
3. Select ShopForHome SQL File in project folder.
4. Click on Execute to run SQL File.



5. Now Database is successfully created.

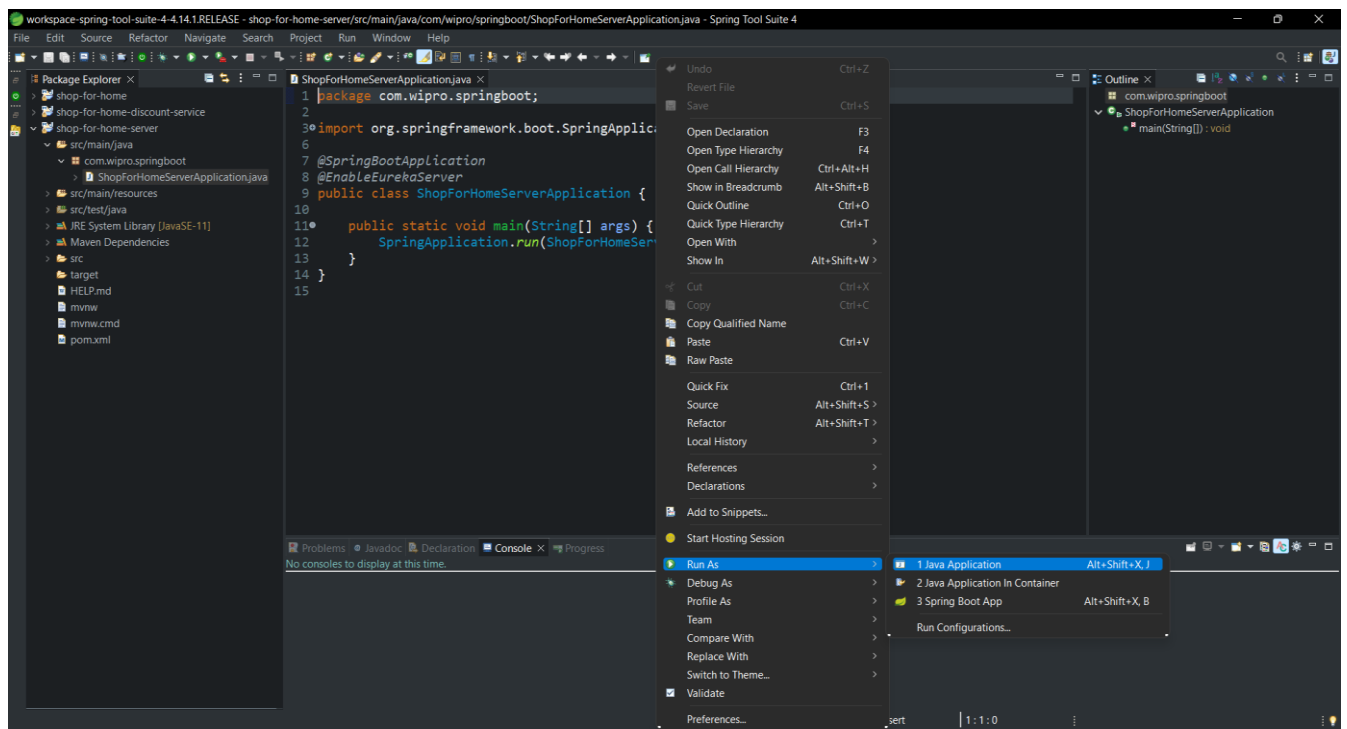
Import Backend project in Spring Tool Suite:

1. Open Spring Tool Suite.
2. Import all four project in workspace from backend folder.

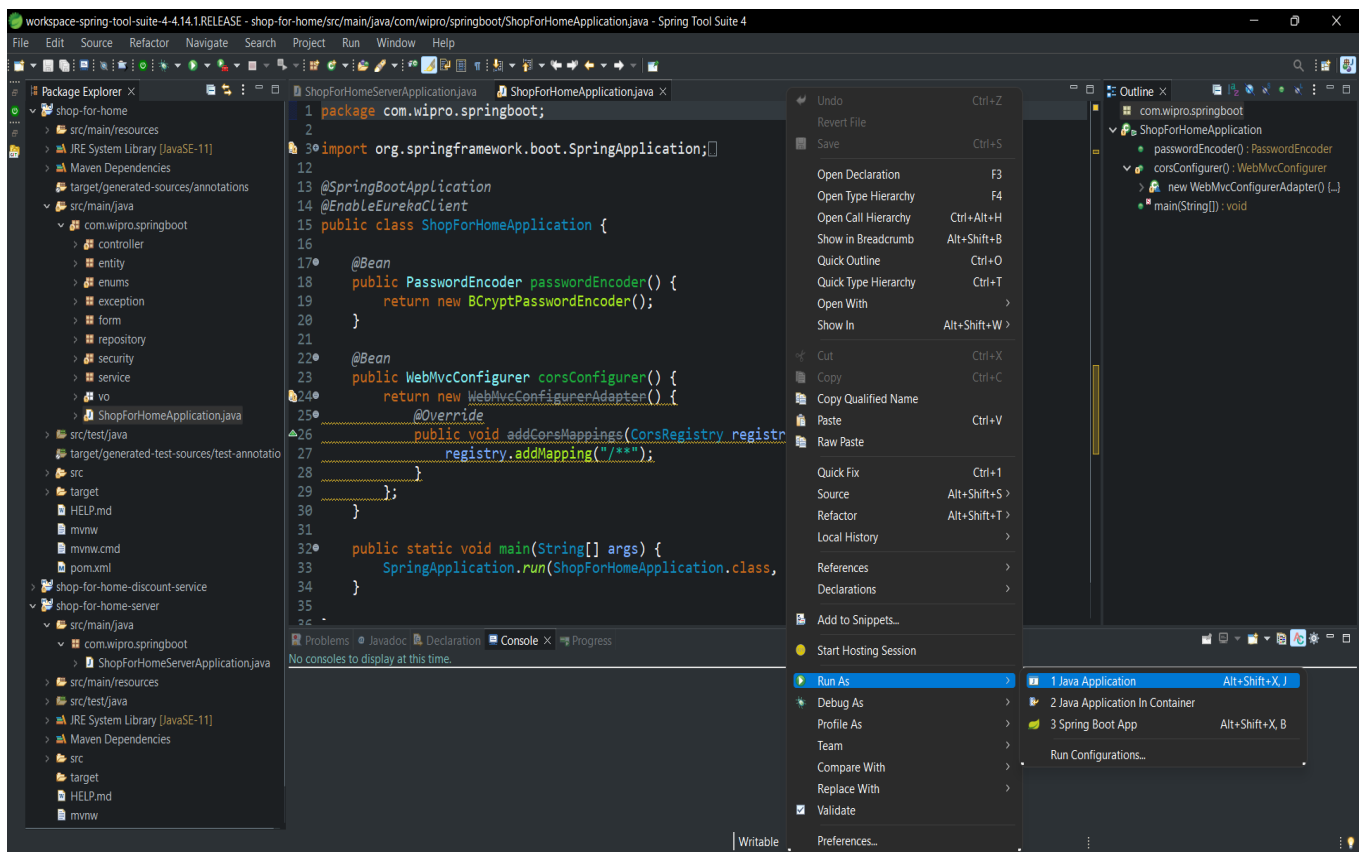


Note: - In Project MySQL username and password is root. Please change it according to your system in application.properties file.

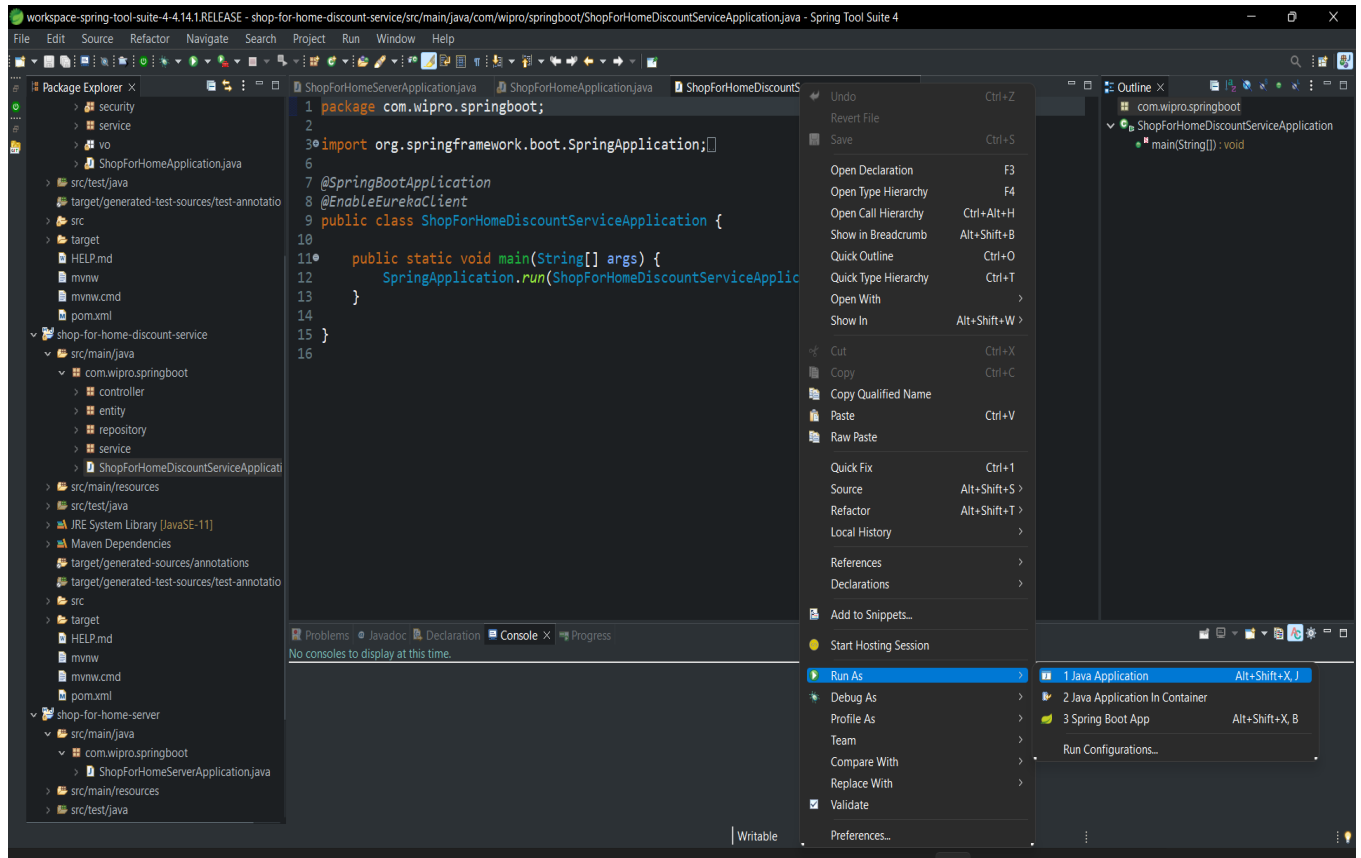
4. First Open shop-for-home-server project and run it as java application.



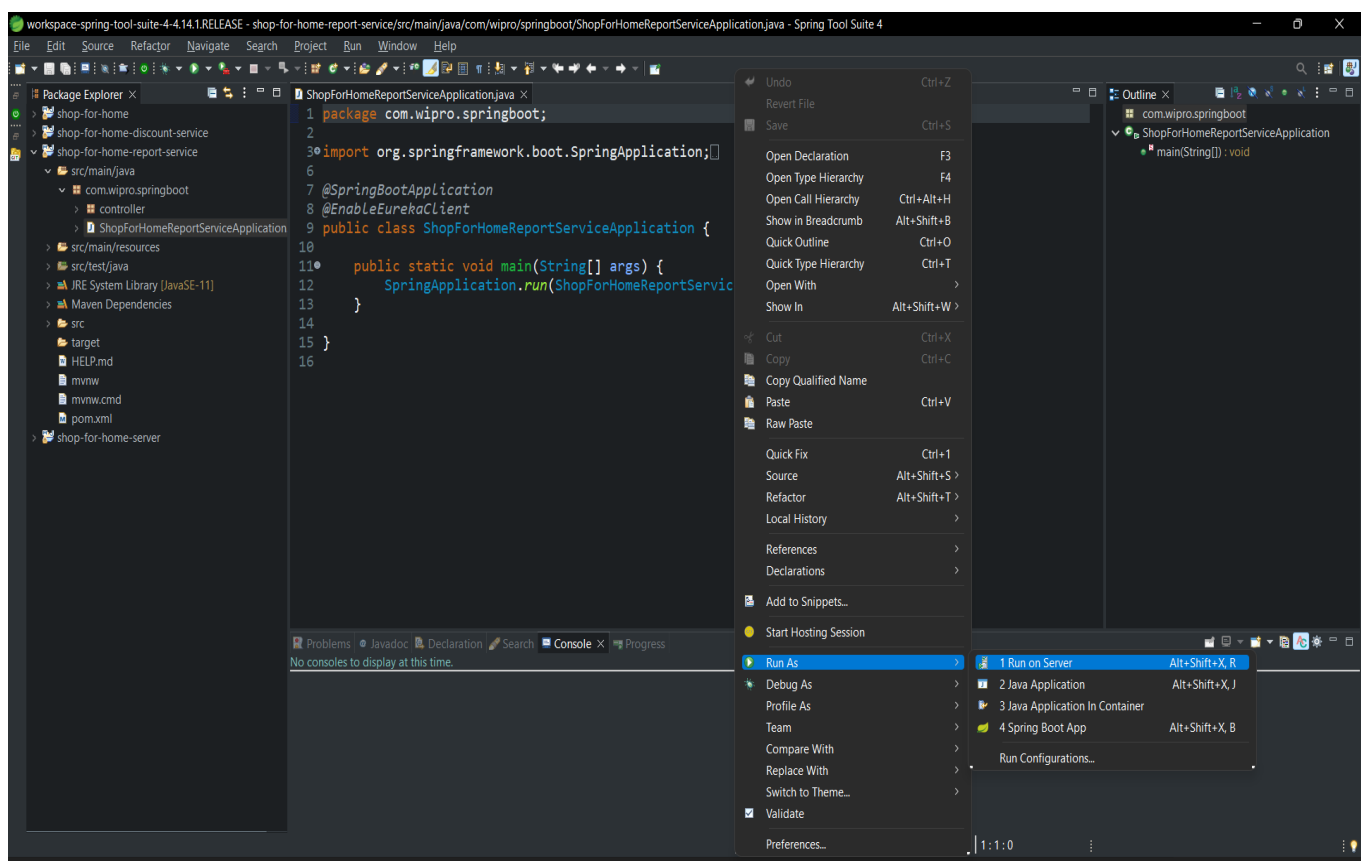
5. Then Open shop-for-home project and run it as java application.



6. Then Open shop-for-home-discount-service project and run it as java application.

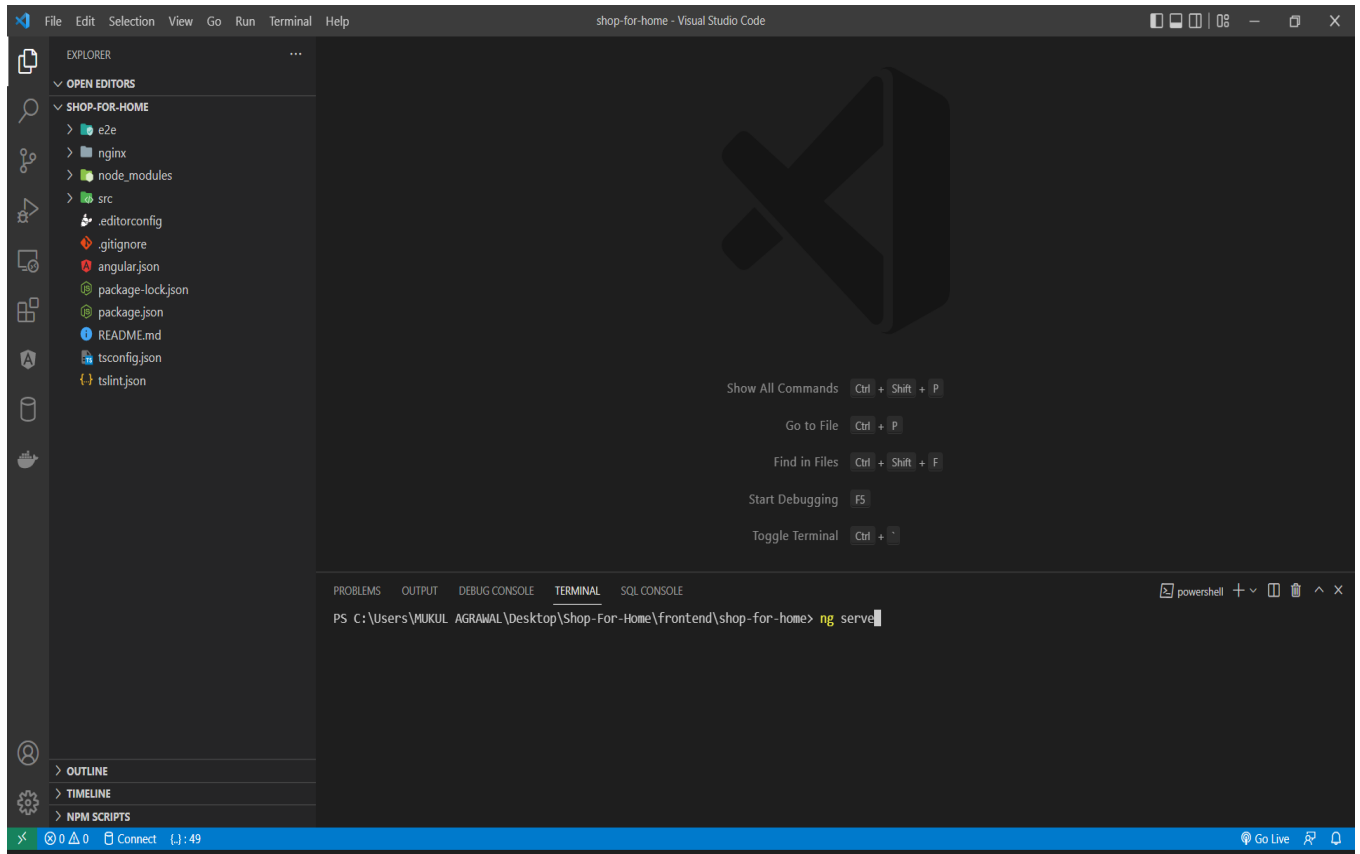


7. Then Last Open shop-for-home-report-service project and run it as java application.



Open Frontend Project in Visual Studio Code:

1. Open Visual Studio Code.
2. Click On Open Folder.
3. Select shop-for-home in frontend folder.
4. Open new terminal and type ng serve to run the project.



Now Open the Chrome browser and go to <http://localhost:4200>.

Note: - shop-for-home service is running on port 8081
shop-for-home-discount service is running on port 8082
shop-for-home-report-service is running on port 8083
So please make these port free to run the application.

Note: - Email Address and Password for Admin

Email- admin@gmail.com

Password- Admin

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.

