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SHOP FOR HOME

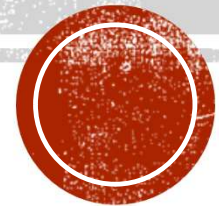
CAPSTONE PROJECT

Mentor: Praveen Tej

Batch no: G13-AWS SD APR CIII

Presented by:

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Objectives

1. Create git repository
2. Create database schema (all tables along with their relationships)
3. Create entities in Spring
4. Create Microservice based structure.
5. CRUD on User and Products
6. Create an e-commerce Template in Angular (Static only) to hold images and products lists.
7. Develop Search Functionality in Angular
8. Bulk upload implementation

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

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:** *.SQL files 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 & We have used this for calling all microservice API's*
- **Visual Studio Code-(VSS):** *For Angular IDE, we have used Visual Studio Code*

1. Create git repository

The screenshot shows a web browser displaying the GitHub repository page for 'VaraPrasad08/capstone_project-g13-frontend'. The repository is public and has 0 forks and 0 stars. The page shows the repository's structure with a list of files and folders, all committed 17 minutes ago. The files include 'e2e', 'nginx', 'src', '.editorconfig', '.gitignore', 'Dockerfile', 'README.md', 'angular.json', and 'package-lock.json'. The right sidebar shows the 'About' section with no description, website, or topics provided, and the 'Releases' and 'Packages' sections with no releases or packages published.

GitHub - VaraPrasad08/capstone x +

github.com/VaraPrasad08/capstone_project-g13-frontend

Product Team Enterprise Explore Marketplace Pricing

Search Sign in Sign up

VaraPrasad08 / capstone_project-g13-frontend Public

Notifications Fork 0 Star 0

Code Issues Pull requests Actions Projects Security Insights

master 1 branch 0 tags

Go to file Code

About

No description, website, or topics provided.

Readme

0 stars

1 watching

0 forks

Releases

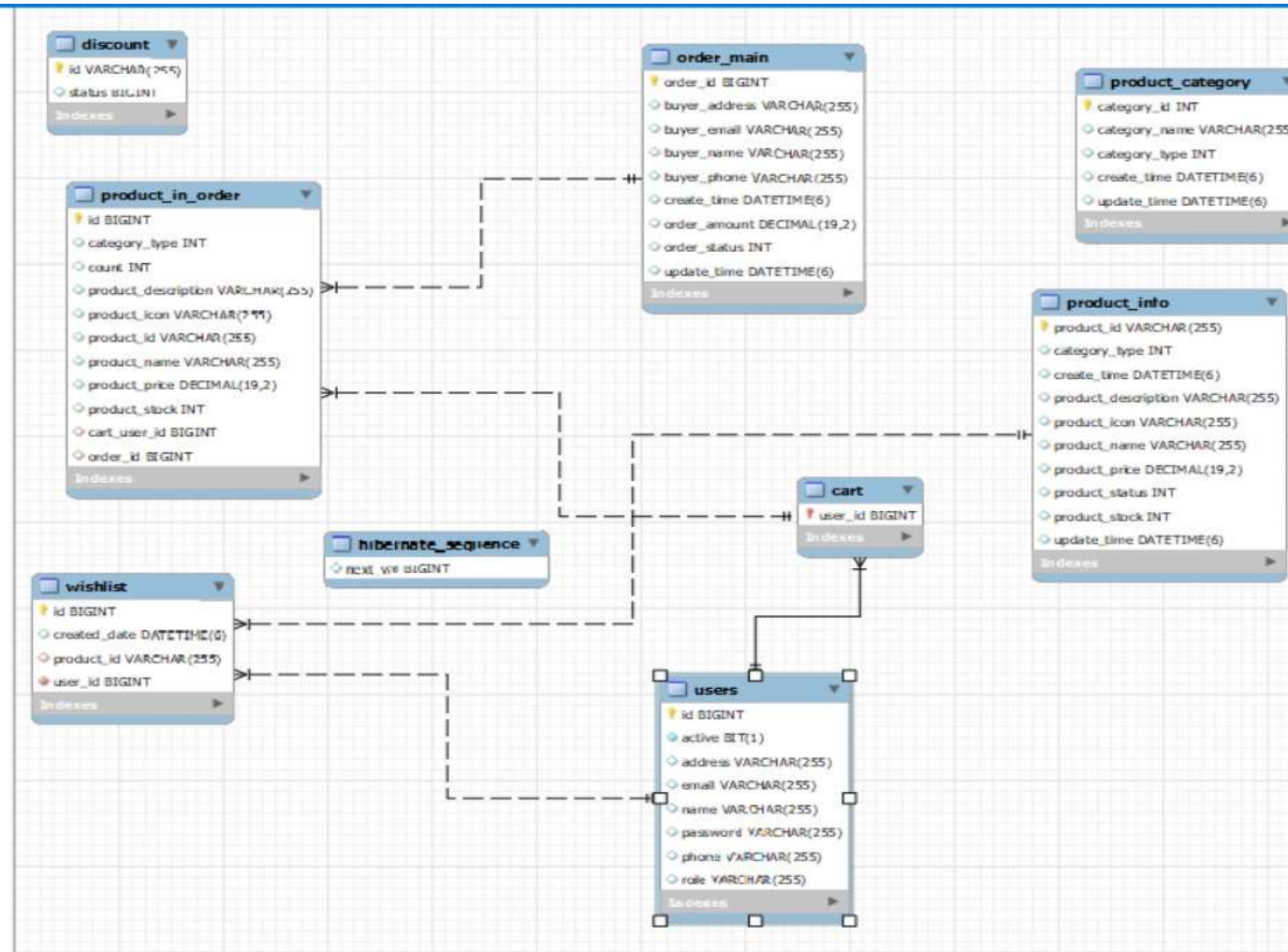
No releases published

Packages

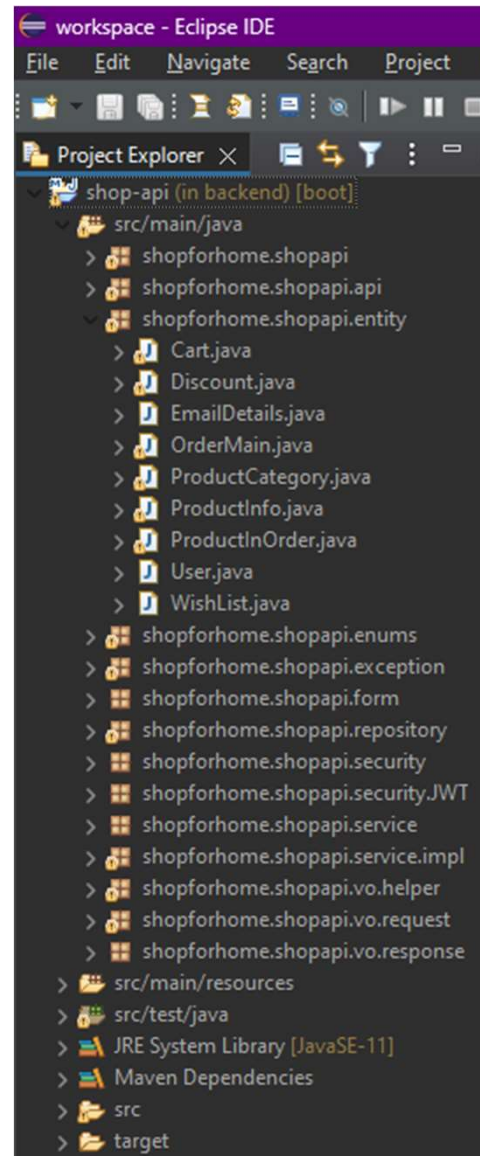
No packages published

File/Folder	Commit	Time
VaraPrasad08 first commit	724a304	17 minutes ago
e2e	first commit	17 minutes ago
nginx	first commit	17 minutes ago
src	first commit	17 minutes ago
.editorconfig	first commit	17 minutes ago
.gitignore	first commit	17 minutes ago
Dockerfile	first commit	17 minutes ago
README.md	first commit	17 minutes ago
angular.json	first commit	17 minutes ago
package-lock.json	first commit	17 minutes ago

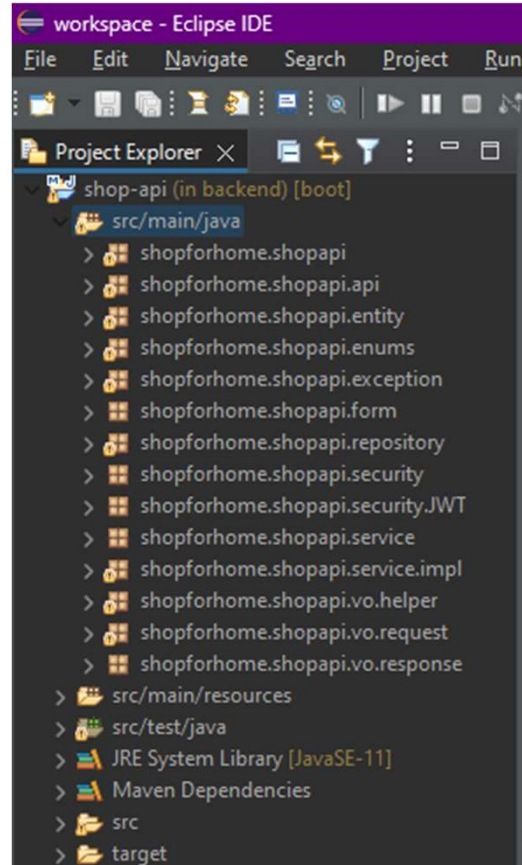
2 . Create database schema (all tables along with their relationships)



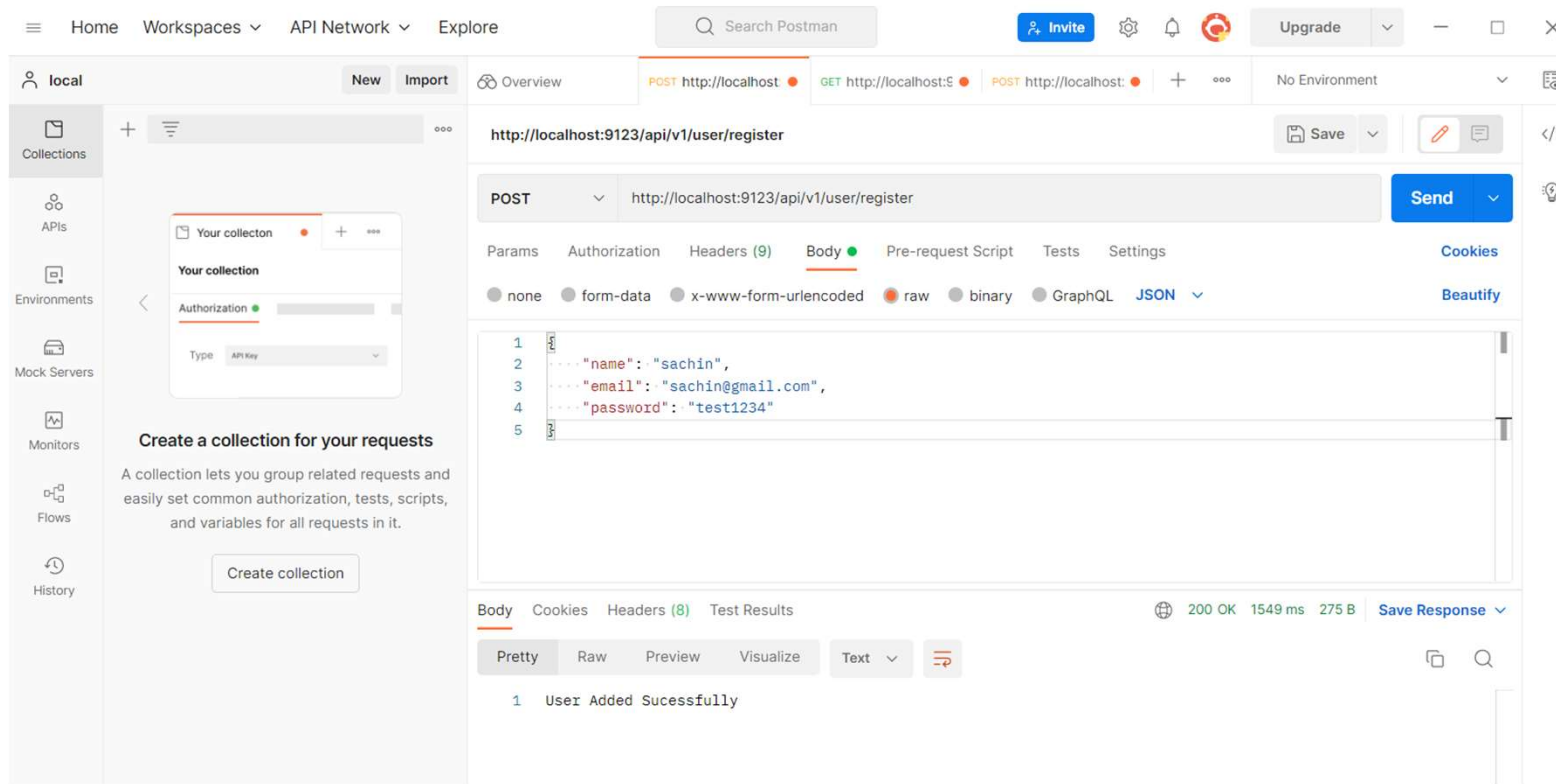
3. Create entities in Spring



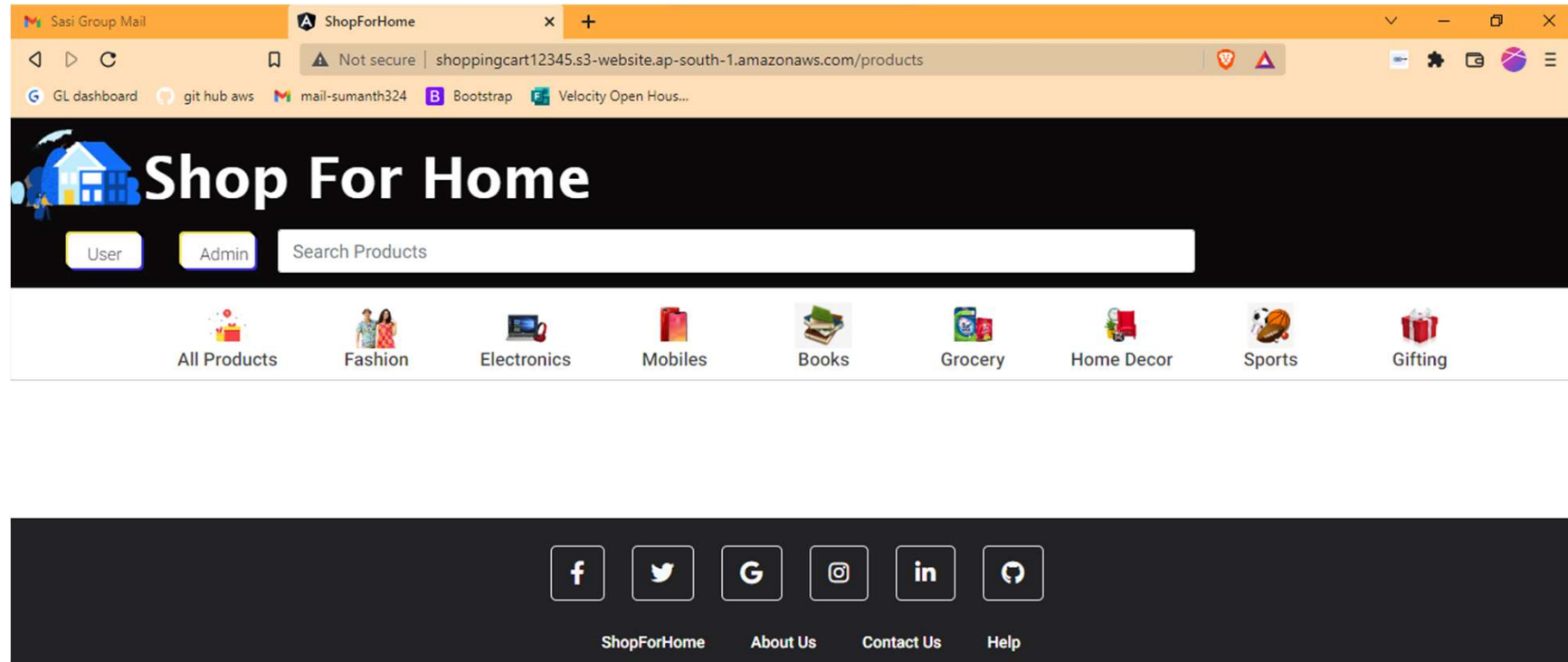
4. Create Microservice based structure

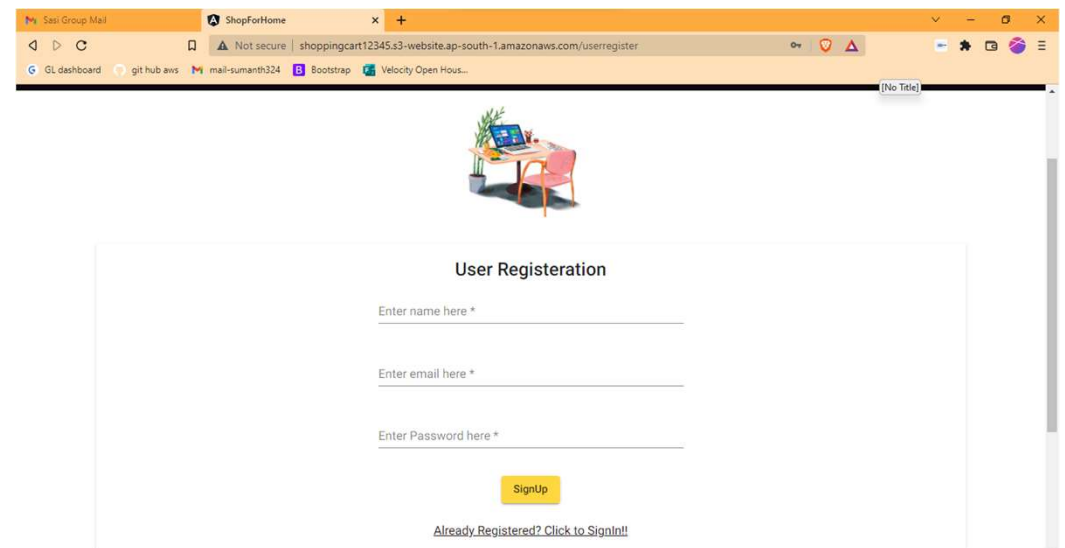
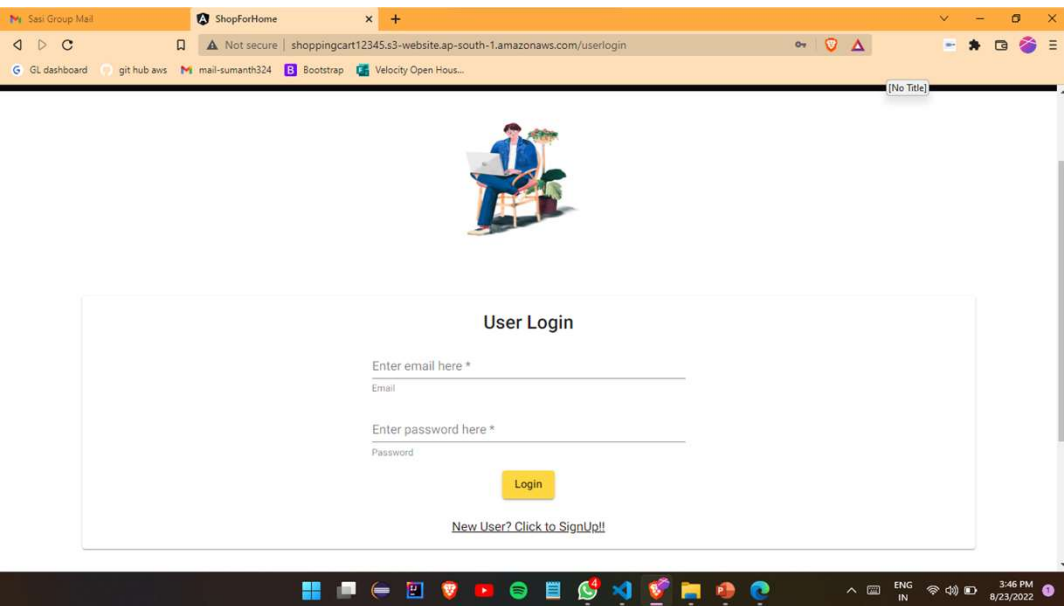


5. CRUD on User and Products

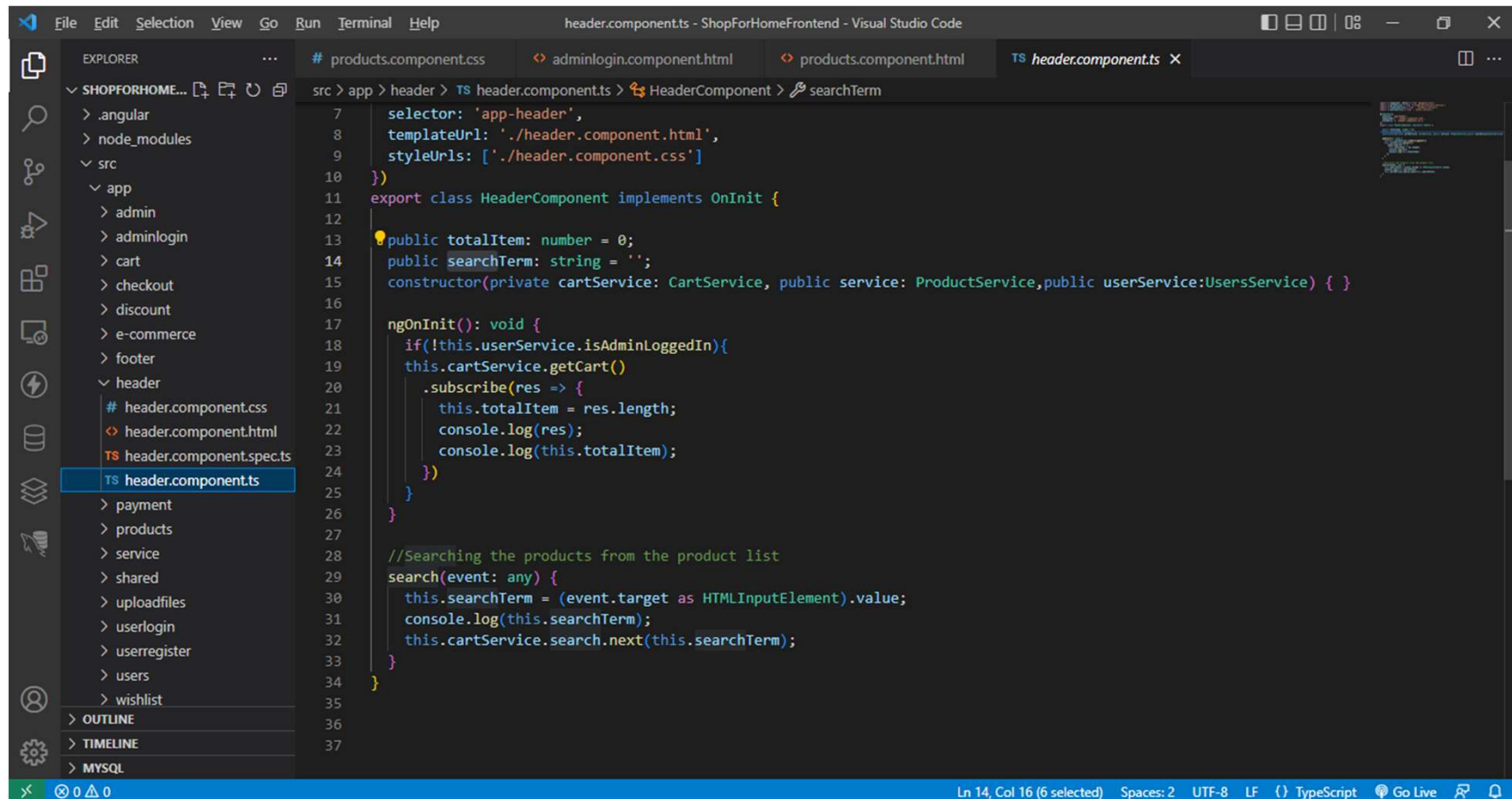


6. Create an e-commerce Template in Angular (Static only) to hold images and products lists.





7. Develop Search Functionality in Angular



The screenshot displays the Visual Studio Code editor with the 'header.component.ts' file open. The Explorer sidebar on the left shows the project structure, with the 'header' folder expanded. The main editor area shows the following TypeScript code:

```
src > app > header > TS header.component.ts > HeaderComponent > searchTerm

7  selector: 'app-header',
8  templateUrl: './header.component.html',
9  styleUrls: ['./header.component.css']
10 })
11 export class HeaderComponent implements OnInit {
12
13   public totalItem: number = 0;
14   public searchTerm: string = '';
15   constructor(private cartService: CartService, public service: ProductService, public userService: UsersService) { }
16
17   ngOnInit(): void {
18     if(!this.userService.isAdminLoggedIn){
19       this.cartService.getCart()
20         .subscribe(res => {
21           this.totalItem = res.length;
22           console.log(res);
23           console.log(this.totalItem);
24         })
25     }
26   }
27
28   //Searching the products from the product list
29   search(event: any) {
30     this.searchTerm = (event.target as HTMLInputElement).value;
31     console.log(this.searchTerm);
32     this.cartService.search.next(this.searchTerm);
33   }
34 }
35
36
37
```

The status bar at the bottom indicates the cursor is at Line 14, Column 16, with 6 characters selected. The file encoding is UTF-8 and the line ending is LF.

Fig- search function

8. Bulk upload implementation

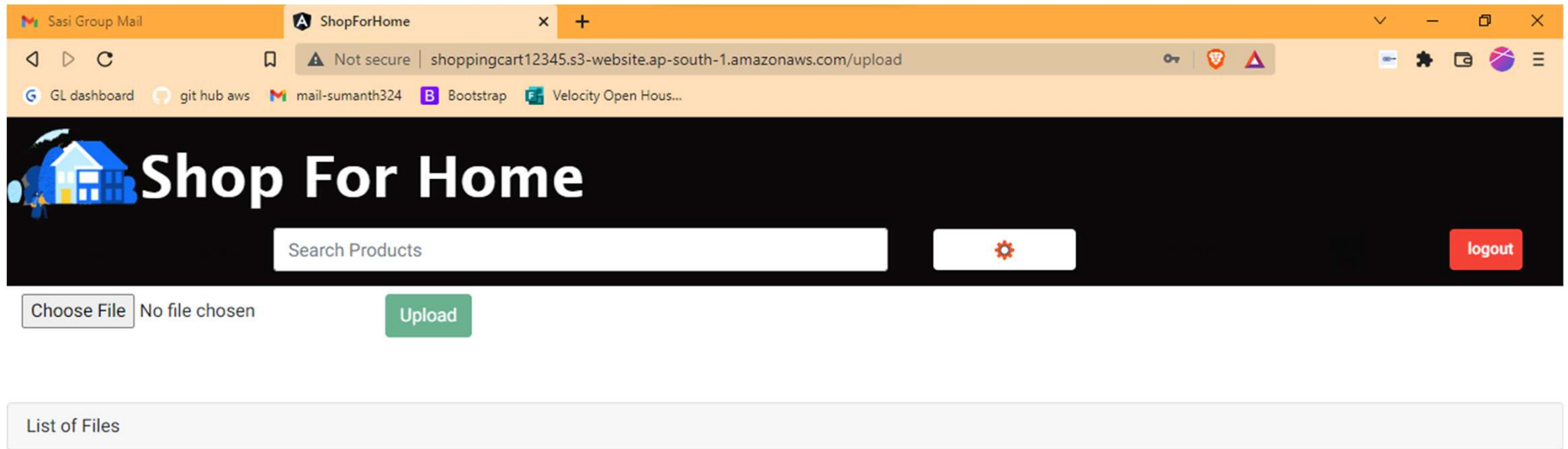


Fig- Bulkupload

THANK YOU