Capstone Project : ShopForHome .

JavaFSD_C1
Grp no : 12

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FLOW OF PRESENTATION:-

1) Introduction.
2) Technology Used.
3) Software Requirements.
4) Modules.
5) Frontend Content.
6) Backend Content.
7) Conclusion.

INTRODUCTION:-

- ShopForHome is popular web application for shopping the home decor stuff such as Dinning tables, Hanging lights, Dinning beauty products, Clocks etc.

- User can view the products in different categories, they can add it into shopping cart and whishlist. There are various discount coupons available for users
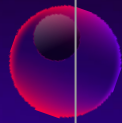
Technologies Used:-
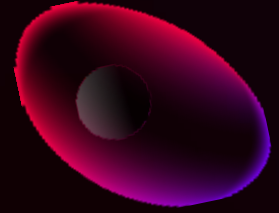
1) Spring.

2) Spring Boot.

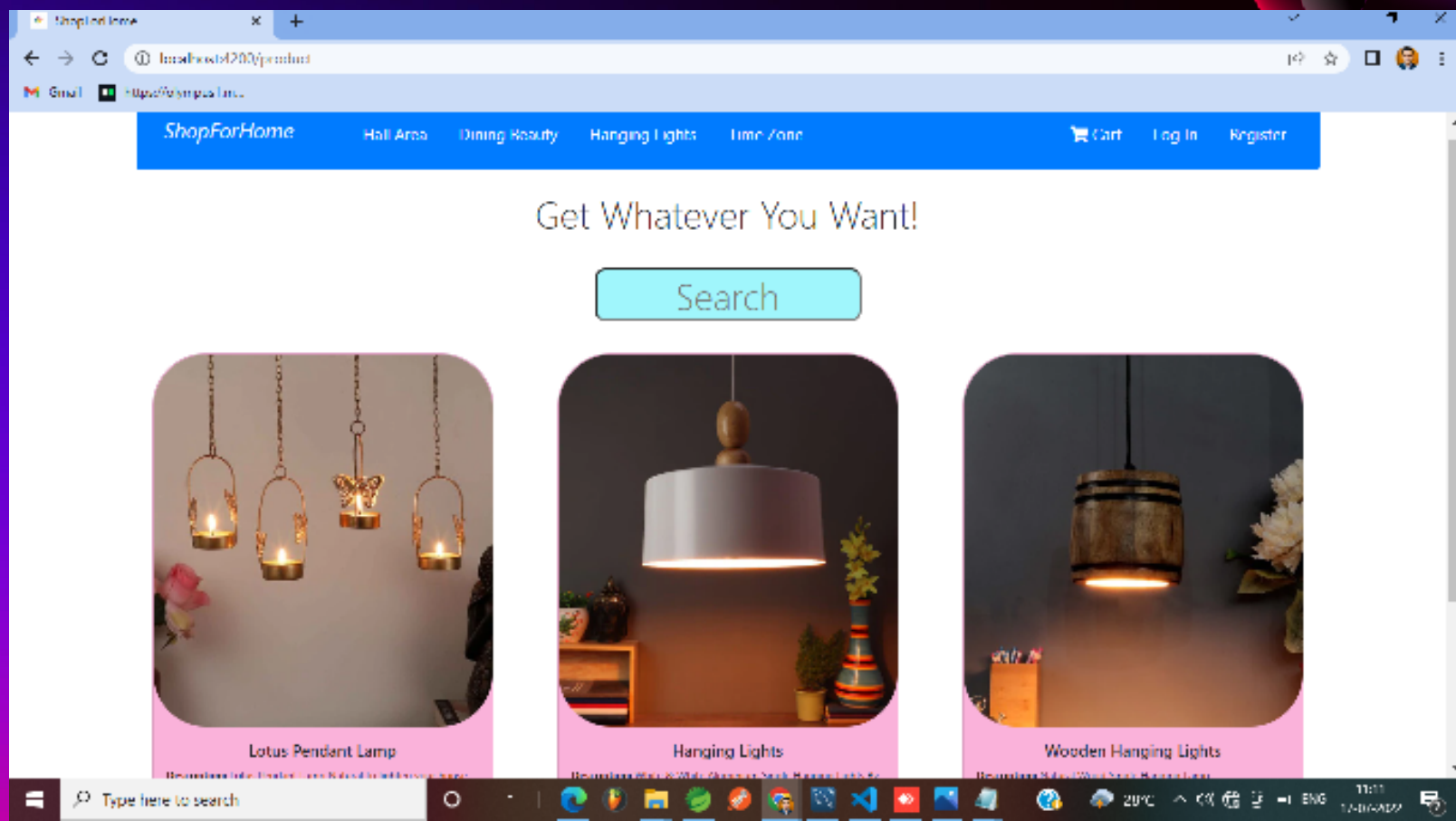3) Spring Data JPA

4) Angular.

5) Bootstrap.

6) Java 8.

Software Requirements:-
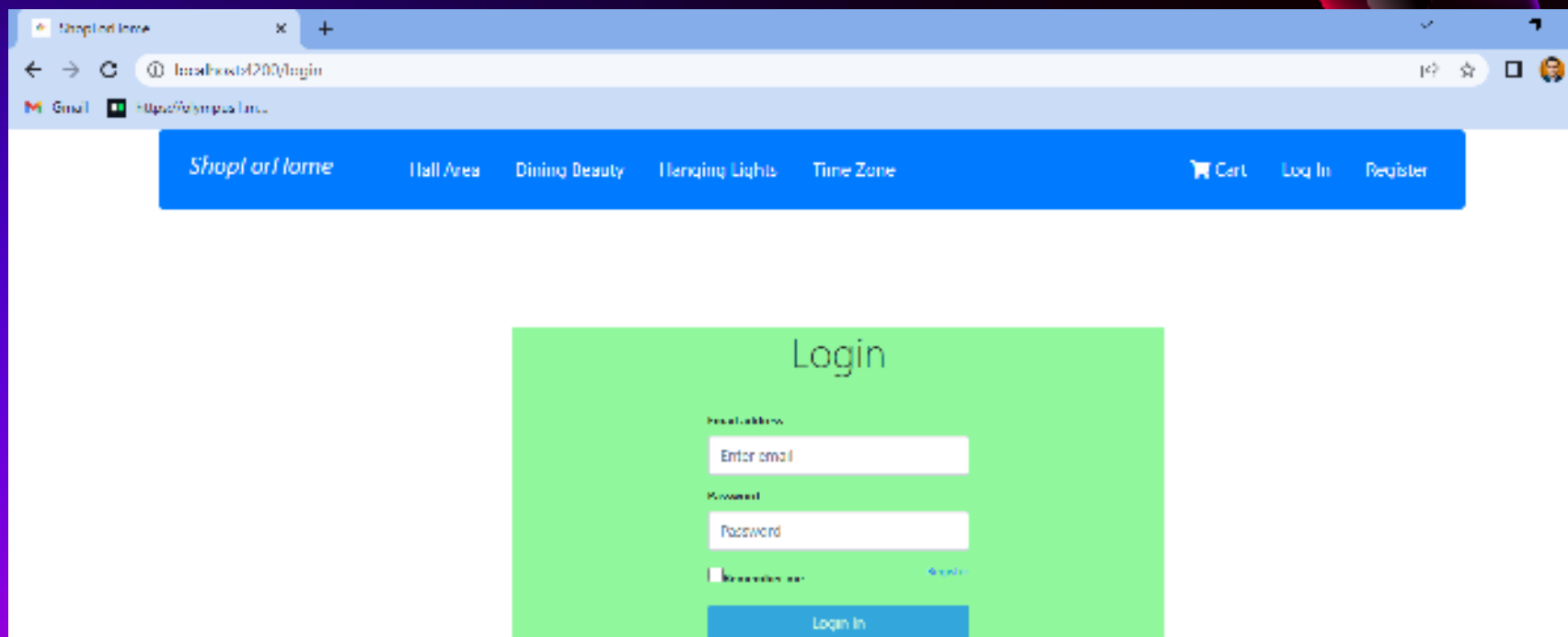
Application Software

1) Front End :- Angular.

2) Back End :- Java (Spring boot).

3) Database :- MySQL.
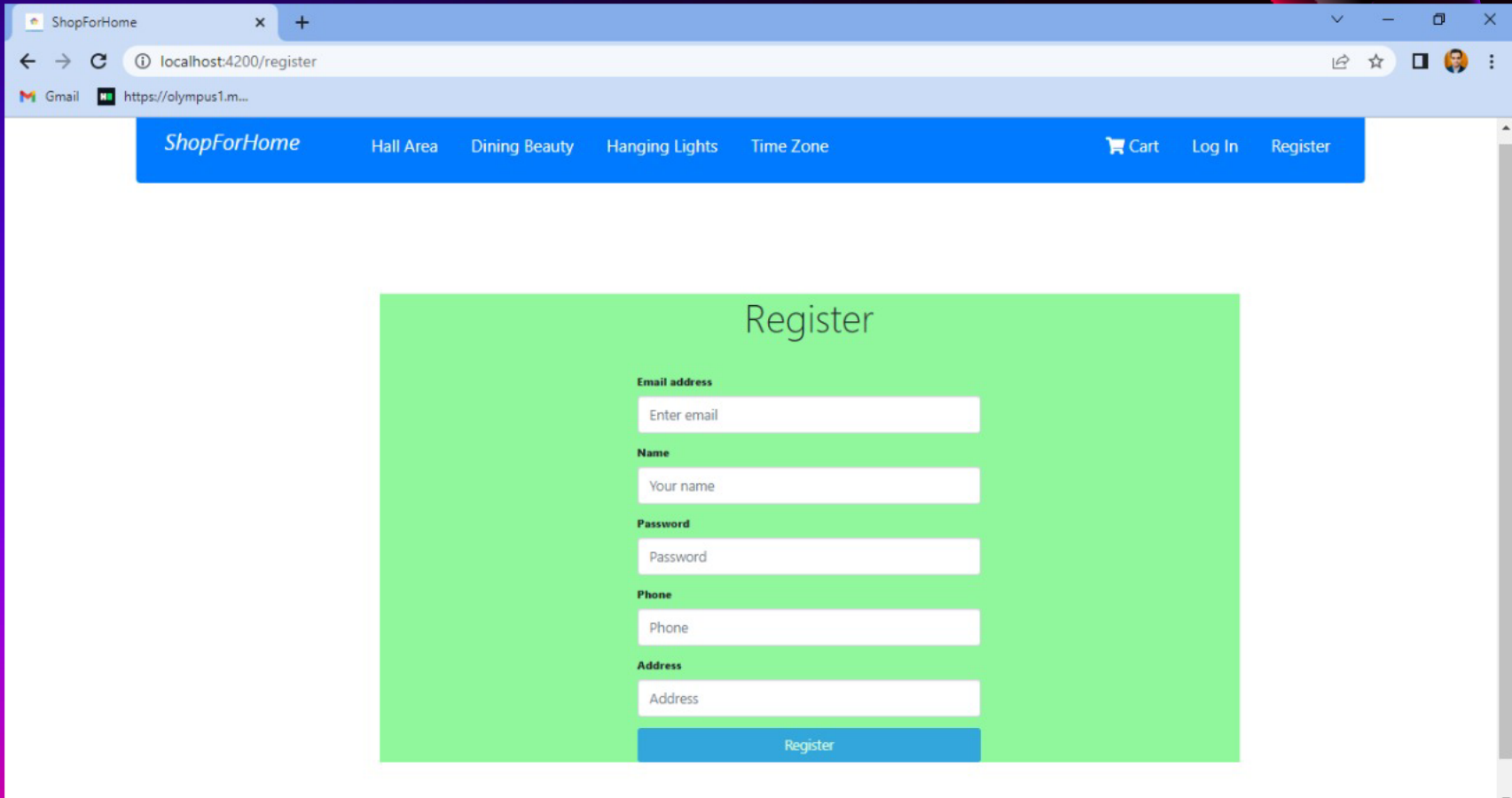
4) Server :- Tomcat.

Front End Content:- (Home Page)

(Login page)

(Registration Page)

localhost:4200/register

Gmail   https://olympus1.m...

ShopForHome   Hall Area   Dining Beauty   Hanging Lights   Time Zone   🛒 Cart   Log In   Register

Register

Email address

Enter email

Name

Your name

Password

Password

Phone

Phone

Address

Address

Register

Product Categories:- (Furniture)

(Wall Decor)
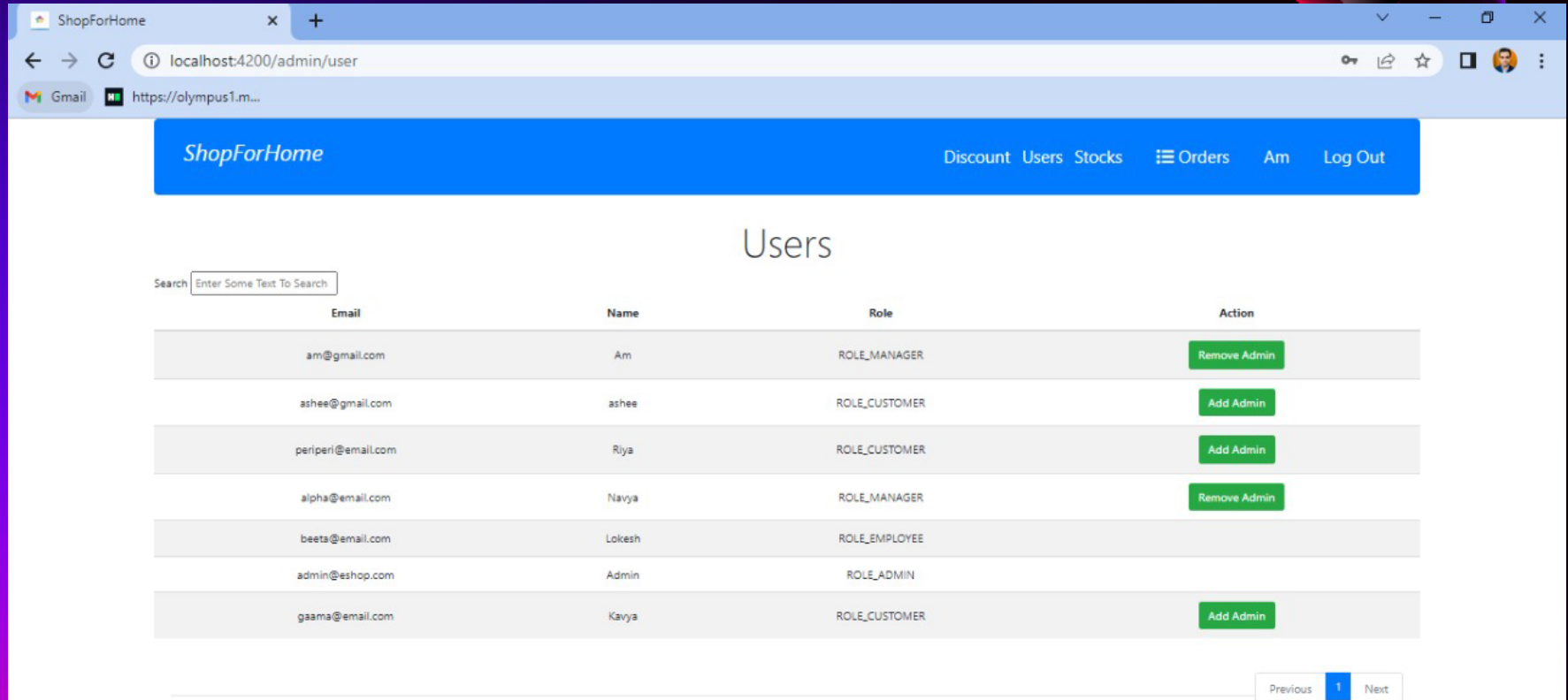
(Lights & Lamps)
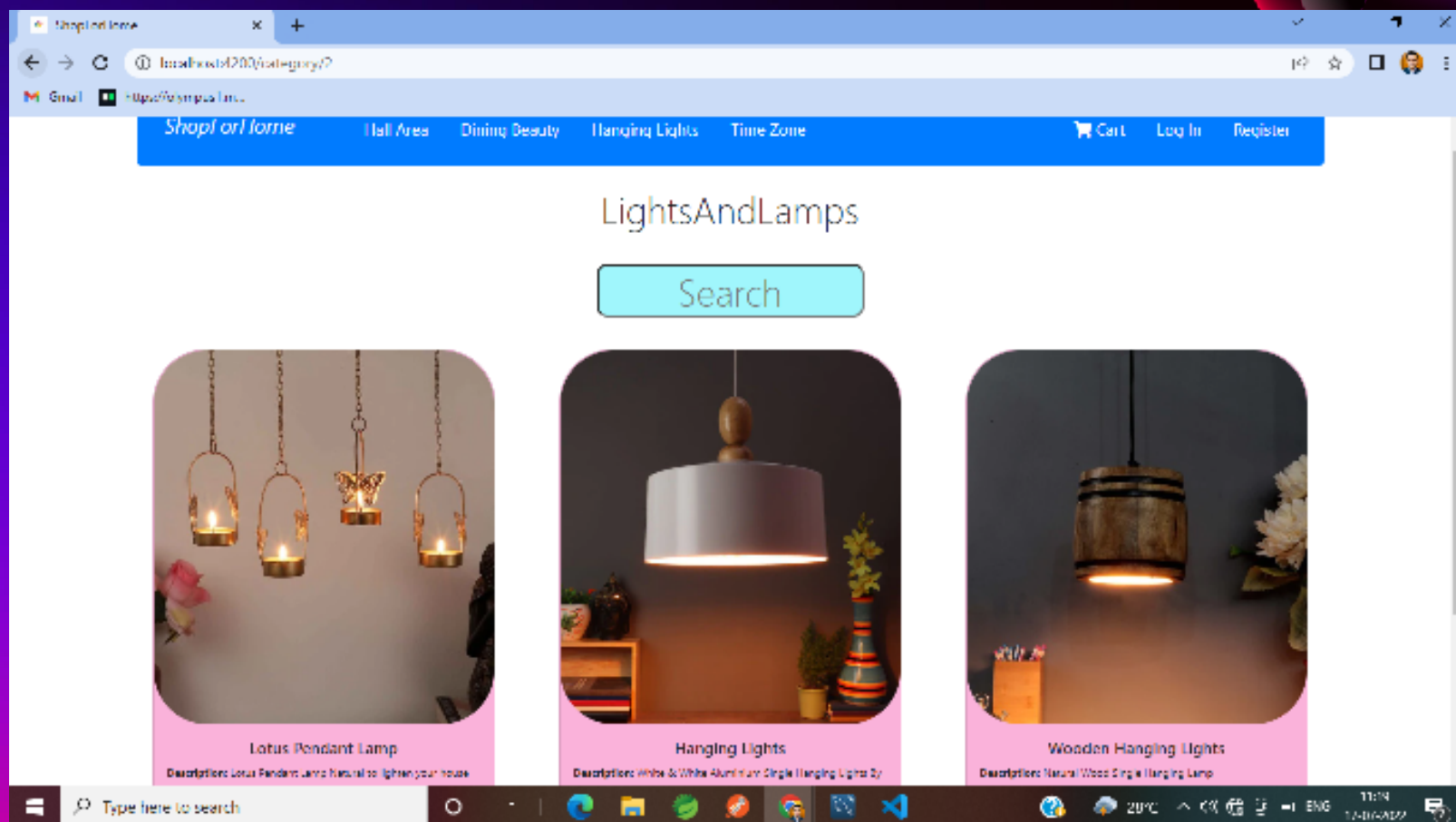
(Search Products)
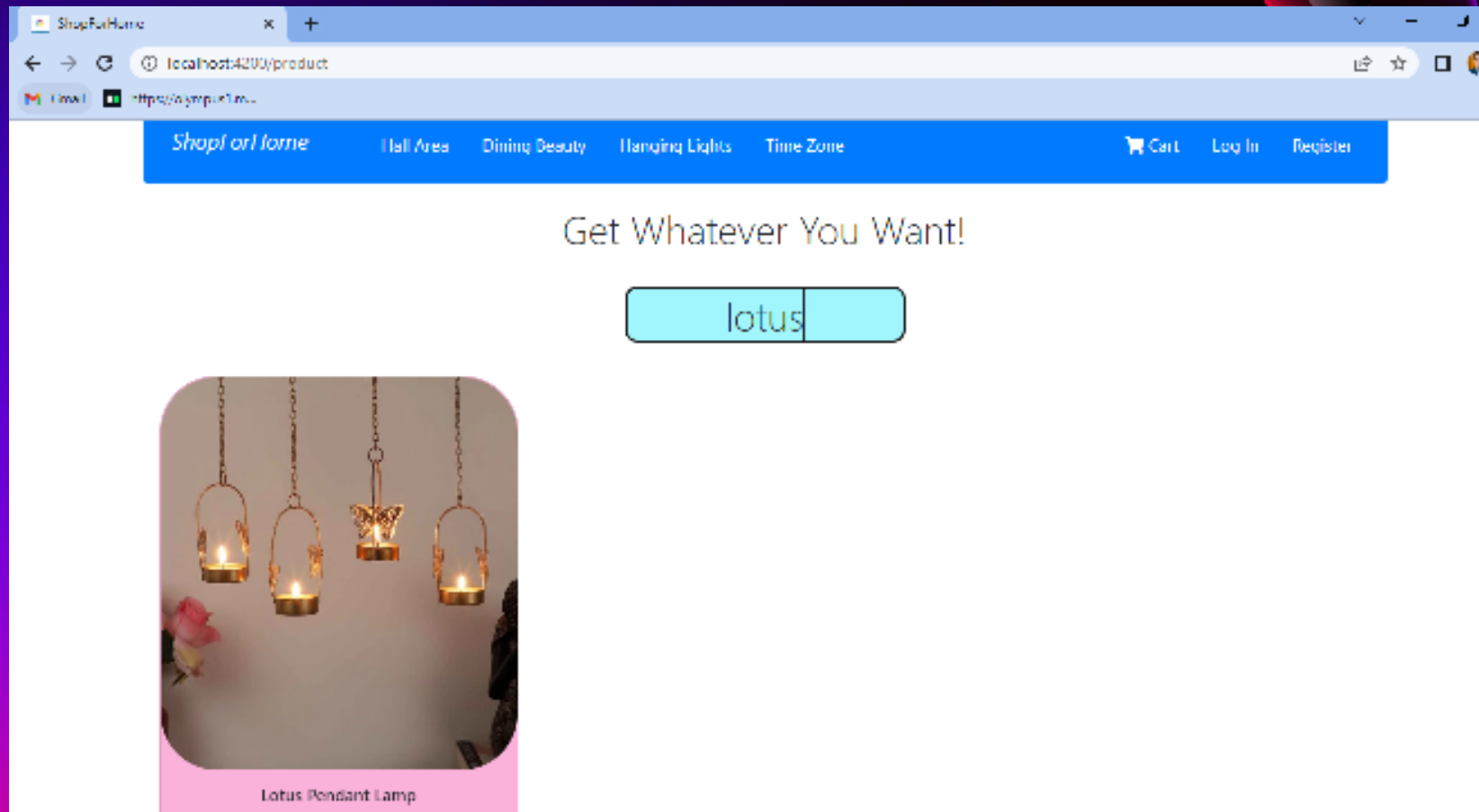
(Users)

(Products)

(Orders)

ShopForHome

Discount Users Stocks ☰ Orders Am Log Out

Orders

Order #	Customer Name	Customer Email	Customer phone	Shipping Address	Total	Order Data	Status	Action
16	ashee	ashee@gmail.com	9084973416	indore,madhya pradesh,india	$25,499.00	Jul 16, 2022	New	Show Cancel Finish
13	ashee	ashee@gmail.com	9084973416	indore,madhya pradesh,india	$54,506.00	Jul 16, 2022	New	Show Cancel Finish
10	ashee	ashee@gmail.com	9084973416	indore,madhya pradesh,india	$1,885.00	Jul 15, 2022	New	Show Cancel Finish
8	ashee	ashee@gmail.com	9084973416	indore,madhya pradesh,india	$1,885.00	Jul 15, 2022	New	Show Cancel Finish
6	ashee	ashee@gmail.com	9084973416	indore,madhya pradesh,india	$1,885.00	Jul 15, 2022	New	Show Cancel Finish

(Cart)

(Wishlist)

(Discount Coupons)

(Home Source Code)

```html
1   <nav class="navbar navbar-expand-lg navbar-dark bg-primary" >
2       <a class="navbar-brand" [routerLink]="root" style="font-size:20px;font-style:italic;margin-top:5px">
3           <!-- <img hspace="5" boarder-radius="5px"src="https://thumbs.dreamstime.com/z/shopping-cart-trolley
4           ShopForHome
5       </a>
6
7       <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarNav"
8               aria-controls="navbarNav" aria-expanded="false" aria-label="Toggle navigation">
9           <span class="navbar-toggler-icon"></span>
10      </button>
11      <div class="collapse navbar-collapse" id="navbarNav">
12
13          <div class="navbar-nav" *ngIf="!currentUser || currentUser.role == Role.Customer">
14
15              <a class="nav-item nav-link "
16                  routerLink="/category/0" style="font-size:15px; color:■white; margin-left:20px;">
17                  Hall Area
18              </a>
19              <a class="nav-item nav-link"
20                  routerLink="/category/1" style="font-size:15px; color:■white; margin-left:20px;">
21                  Dining Beauty
22              </a>
23              <a class="nav-item nav-link "
24                  routerLink="/category/2" style="font-size:15px; color:■white; margin-left:20px;">
25                  Hanging Lights
26              </a>
27              <a class="nav-item nav-link"
28                  routerLink="/category/3" style="font-size:15px; color:■white; margin-left:20px;">
29                  Time Zone
30              </a>
31
32
```

Login Source Code

```html
1  <div class="img" >
2  <h1 align="center" class="display-4 mb-5">Login</h1>
3  <div style="width:40%; margin: 25px auto">
4
5      <div class="alert alert-danger" *ngIf="isInvalid">
6          Invalid username and password.
7      </div>
8      <div class="alert alert-info" *ngIf="isLogout">
9          You have been logged out.
10     </div>
11
12
13     <form #form='ngForm' (ngSubmit)="onSubmit()">
14         <div class="form-group">
15             <label>Email address</label>
16             <input type="text" class="form-control form-control-lg" id="email" name="email" placeholder="En
17                 required autofocus [(ngModel)]="model.username" #email="ngModel" autocomplete="email" >
18             <div [hidden]="email.valid || email.pristine" class="alert alert-danger">
19                 Email is required
20             </div>
21         </div>
22
23         <div class="form-group">
24             <label>Password</label>
25             <input type="password" class="form-control form-control-lg" id="password" name="password"  auto
26                 placeholder="Password" required [(ngModel)]="model.password" #password='ngModel'>
27             <div [hidden]="password.valid || password.pristine" class="alert alert-danger">
28                 Email is required
29             </div>
30         </div>
31
32         <div class="form-group">
```

(Register Source Code)

```
1   <div class="img">
2   <h1 align="center" class="display-4 mb-5">Register</h1>
3   <div style="width:40%; margin: 25px auto" >
4     <form #form="ngForm" (ngSubmit)="onSubmit()">
5       <div class="form-group">
6         <label><b>Email address</b></label>
7         <input [(ngModel)]="user.email" type="email" class="form-control form-control-lg" id="email" name="em
8         <div  *ngIf="email.invalid && (email.dirty ||email.touched)" >
9             <div *ngIf="email.errors.required" >
10                Email is required.
11            </div>
12            <div *ngIf="email.errors.email">
13                Invalid Email.
14            </div>
15        </div>
16      </div>
17      <div class="form-group">
18        <label><b>Name</b></label>
19        <input [(ngModel)]="user.name" type="text" class="form-control form-control-lg" id="name" name="name"
20          <div  *ngIf="name.invalid && (name.dirty ||name.touched)">
21              <div *ngIf="name.errors.required">
22                  Name is required.
23              </div>
24              <div *ngIf="name.errors.minlength">
25                  Name must be at least 3 characters long.
26              </div>
27          </div>
28      </div>
29      <div class="form-group">
30        <label><b>Password</b></label>
31        <input  [(ngModel)]="user.password" type="password" class="form-control form-control-lg" id="password
32          <div  *ngIf="password.invalid && (password.dirty ||password.touched)">
```

Back End Content:- (Register)

```java
@PostMapping("/register")
public ResponseEntity<User> save(@RequestBody User user) {
    try {
        return ResponseEntity.ok(userService.save(user));
    } catch (Exception e) {
        return ResponseEntity.badRequest().build();
    }
}
```

(Login Backend)

```java
@PostMapping("/login")
public ResponseEntity<JwtResponse> login(@RequestBody LoginForm loginForm) {
    // throws Exception if authentication failed

    try {
        Authentication authentication = authenticationManager.authenticate(
                new UsernamePasswordAuthenticationToken(loginForm.getUsername(), loginForm.get
        SecurityContextHolder.getContext().setAuthentication(authentication);
        String jwt = jwtProvider.generate(authentication);
        UserDetails userDetails = (UserDetails) authentication.getPrincipal();
        User user = userService.findOne(userDetails.getUsername());
        return ResponseEntity.ok(new JwtResponse(jwt, user.getEmail(), user.getName(), user.ge
    } catch (AuthenticationException e) {
        return ResponseEntity.status(HttpStatus.UNAUTHORIZED).build();
    }
}
```

CONCLUSION :-

ShopForHome is user-friendly web application made for Shopforhome store. Users can search for products , add it to cart, Wishlist easily. Despite of Covid 19 this web application can be used to to run business online successfully.