



Capstone Project : ShopForHome .



JavaFSD_ **C1**
Grp no : **12**



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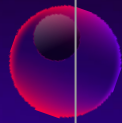


FLOW OF PRESENTATION:-

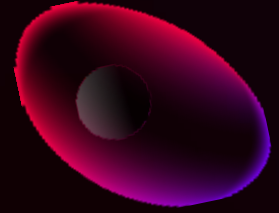
- 1) Introduction.
- 2) Technology Used.
- 3) Software Requirements.
- 4) Modules.
- 5) Frontend Content.
- 6) Backend Content.
- 7) Conclusion.

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 wishlist. 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.

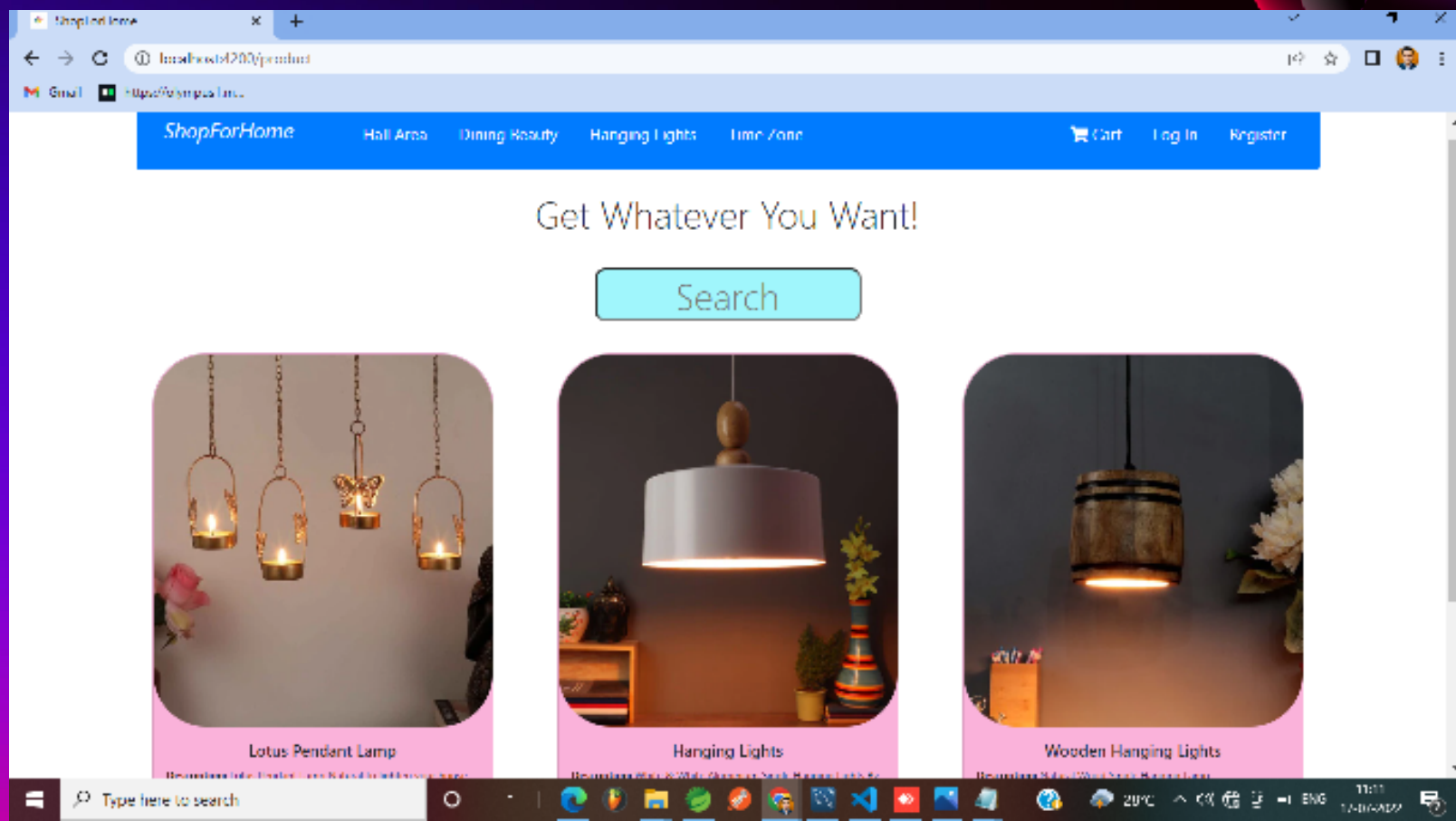


Software Requirements:-

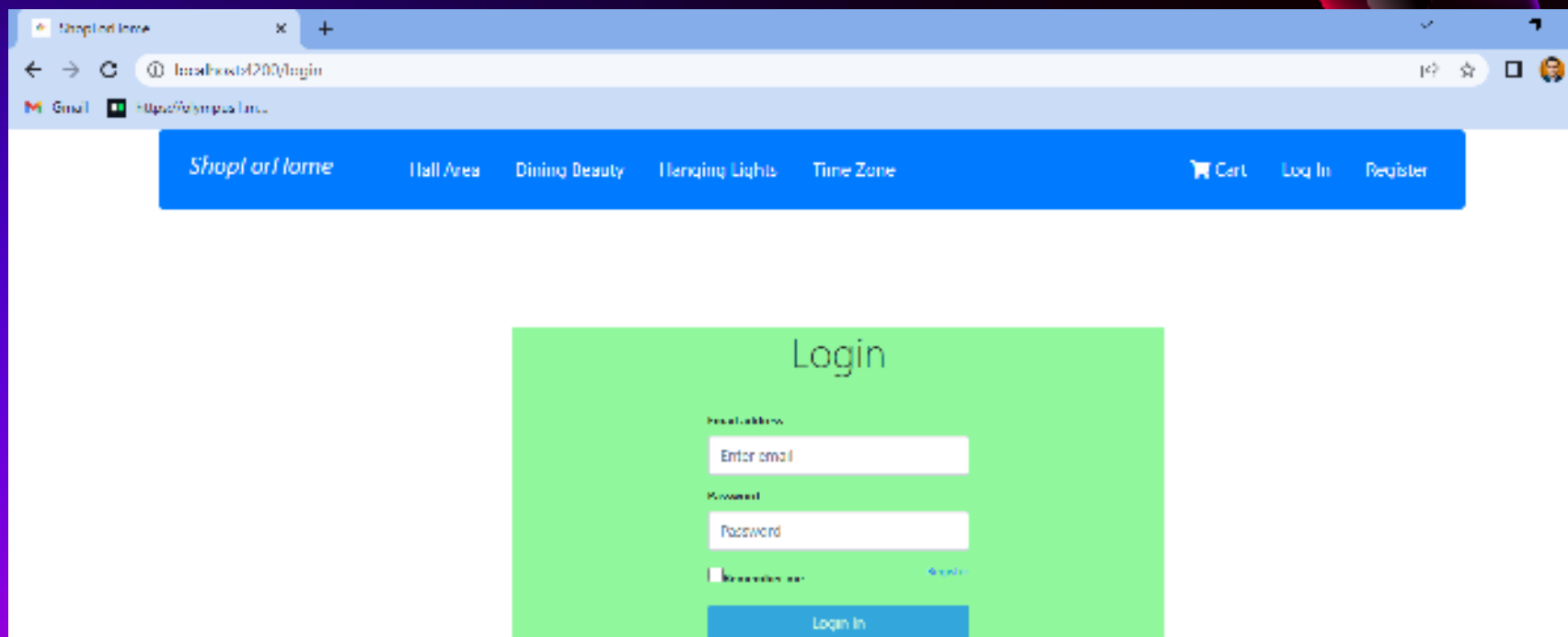
Application Software

- 1) Front End :- Angular.
- 2) Back End :- Java (Spring boot).
- 3) Database :- MySQL.
- 4) Server :- Tomcat.

Front End Content:- (Home Page)



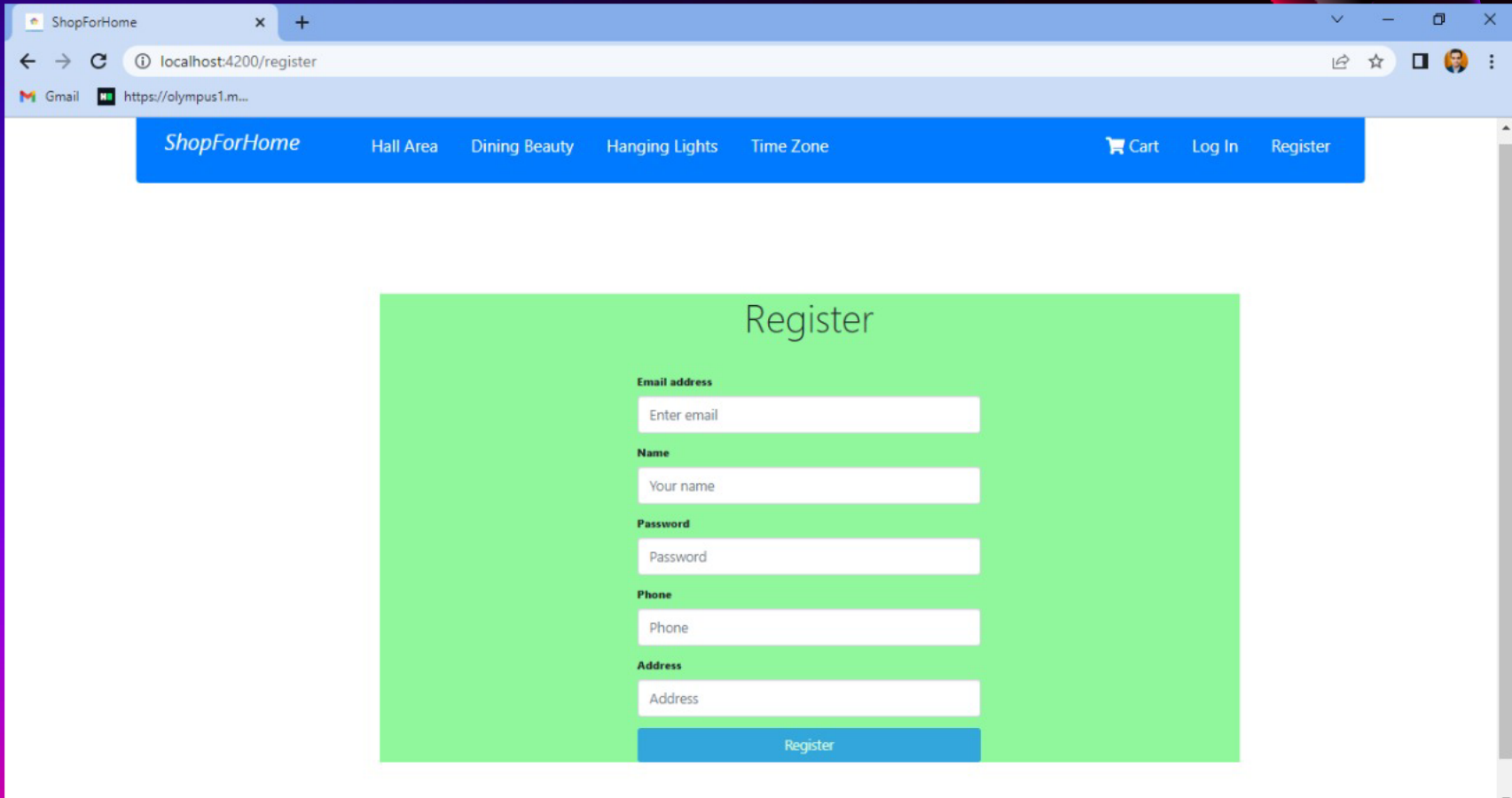
(Login page)



The screenshot shows a web browser window with the address bar displaying 'localhost:200/login'. The page has a blue navigation bar with links: 'Shopt of home', 'Hall Area', 'Dining Beauty', 'Hanging Lights', 'Time Zone', 'Cart', 'Log In', and 'Register'. The main content area features a green 'Login' form with the following elements:

- Email Address:** A text input field with the placeholder 'Enter email'.
- Password:** A text input field with the placeholder 'Password'.
- ☐ **Remember me** (with a link to 'Forgot?')
- Login In** button

(Registration Page)



The screenshot shows a web browser window with the title 'ShopForHome'. The address bar displays 'localhost:4200/register'. The browser's address bar also shows 'Gmail' and 'https://olympus1.m...'. The page features a blue navigation bar with the 'ShopForHome' logo and links for 'Hall Area', 'Dining Beauty', 'Hanging Lights', 'Time Zone', 'Cart', 'Log In', and 'Register'. The main content area is a light green box titled 'Register' containing a registration form with the following fields: 'Email address' (placeholder: 'Enter email'), 'Name' (placeholder: 'Your name'), 'Password' (placeholder: 'Password'), 'Phone' (placeholder: 'Phone'), and 'Address' (placeholder: 'Address'). A blue 'Register' button is located at the bottom of the form.

ShopForHome

Hall Area Dining Beauty Hanging Lights Time Zone

Cart Log In Register

Register

Email address

Name

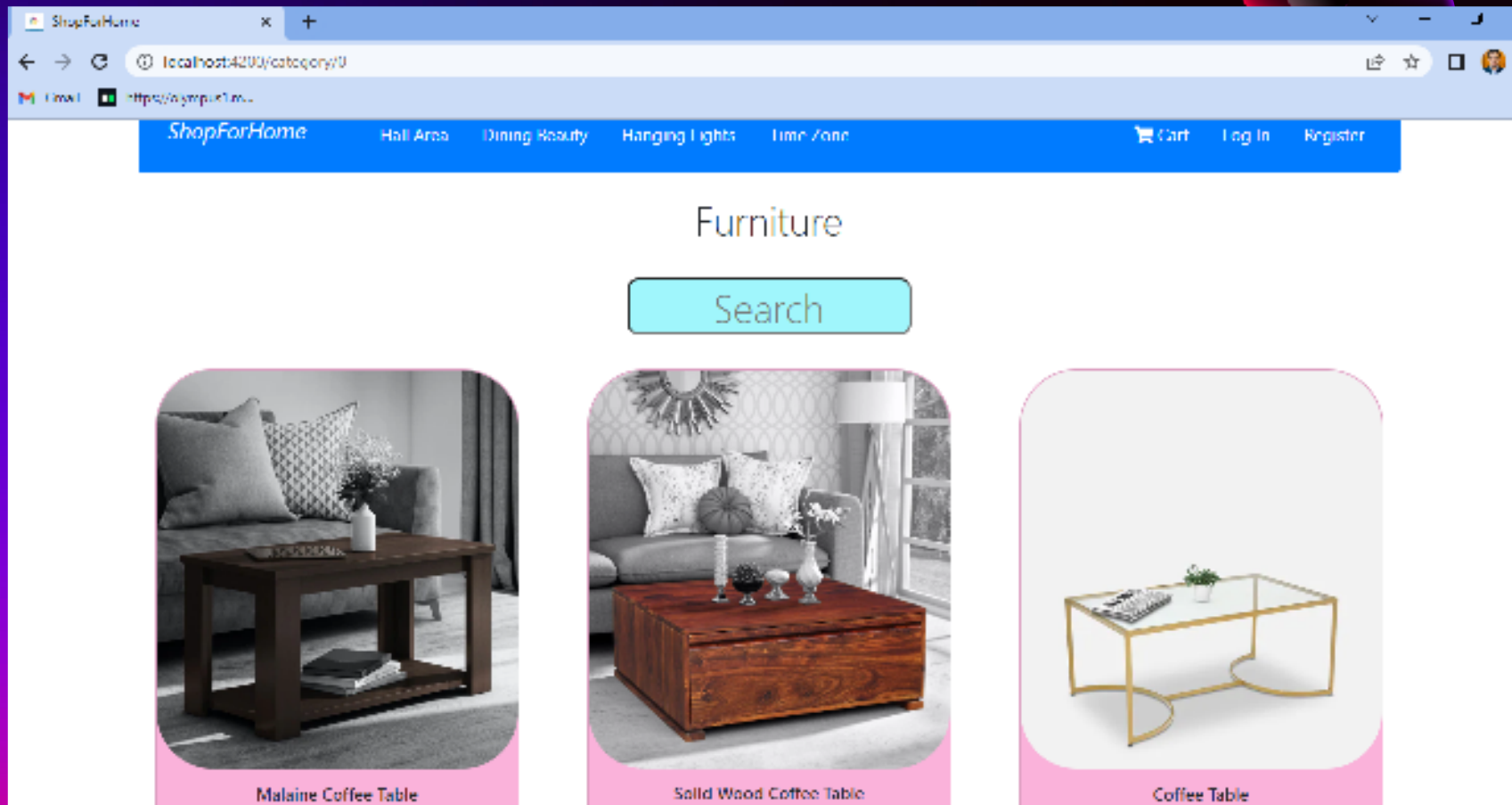
Password

Phone

Address

Register

Product Categories:- (Furniture)



(Wall Decor)

Shop on line

Home Products/Category/5

Shop on line Hall Area Dining Beauty Hanging Lights Time Zone Cart Log In Register

Wall Decor

Search






Table Clock

Decorations Metal Bicycle Table Clock by caseTree



Analog Clock

Decorations Golden Metal Analog Round Colorful Clock



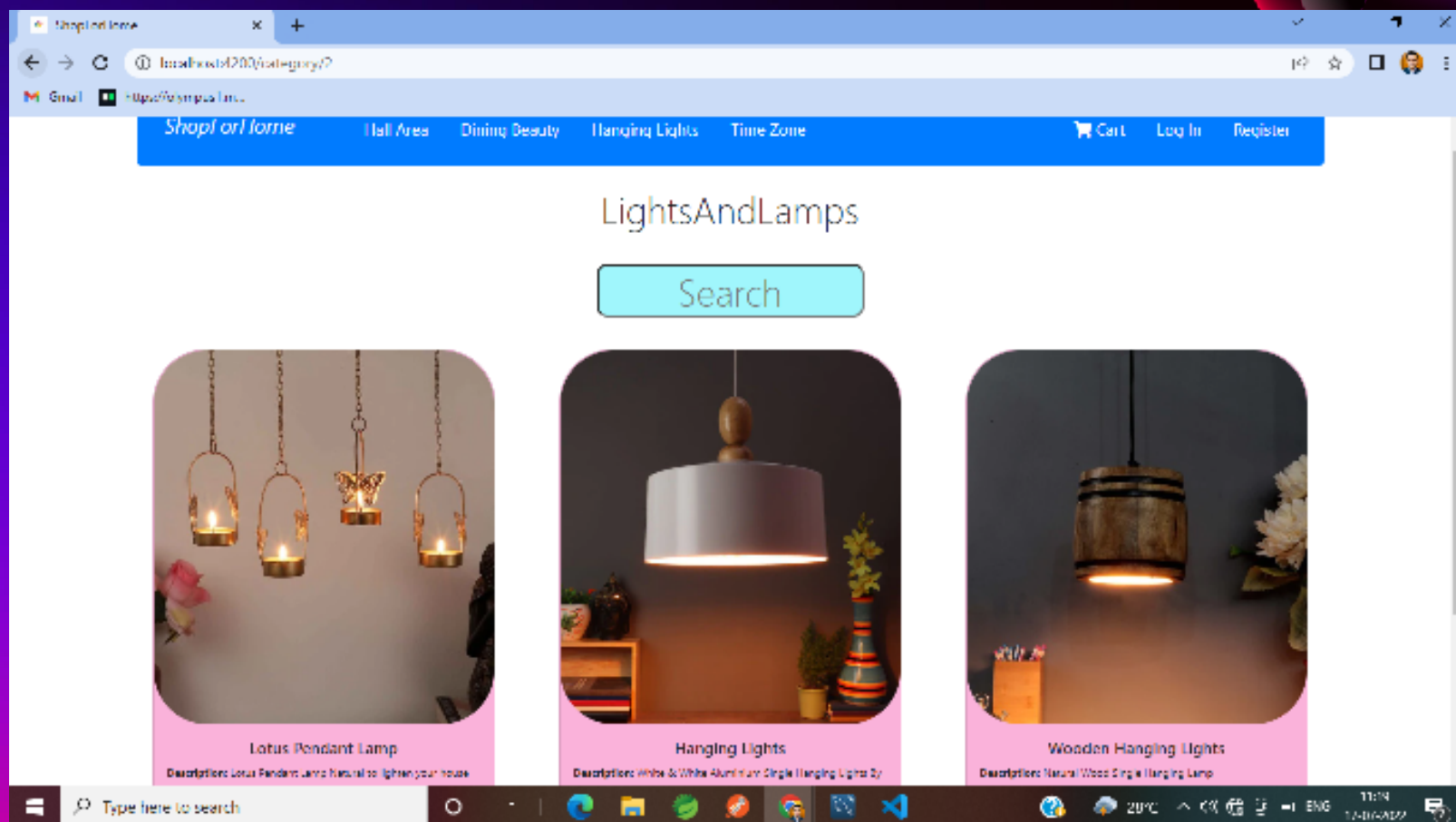
Wall Art

Decorations Iron Leaf Metal Wall Art in Gold

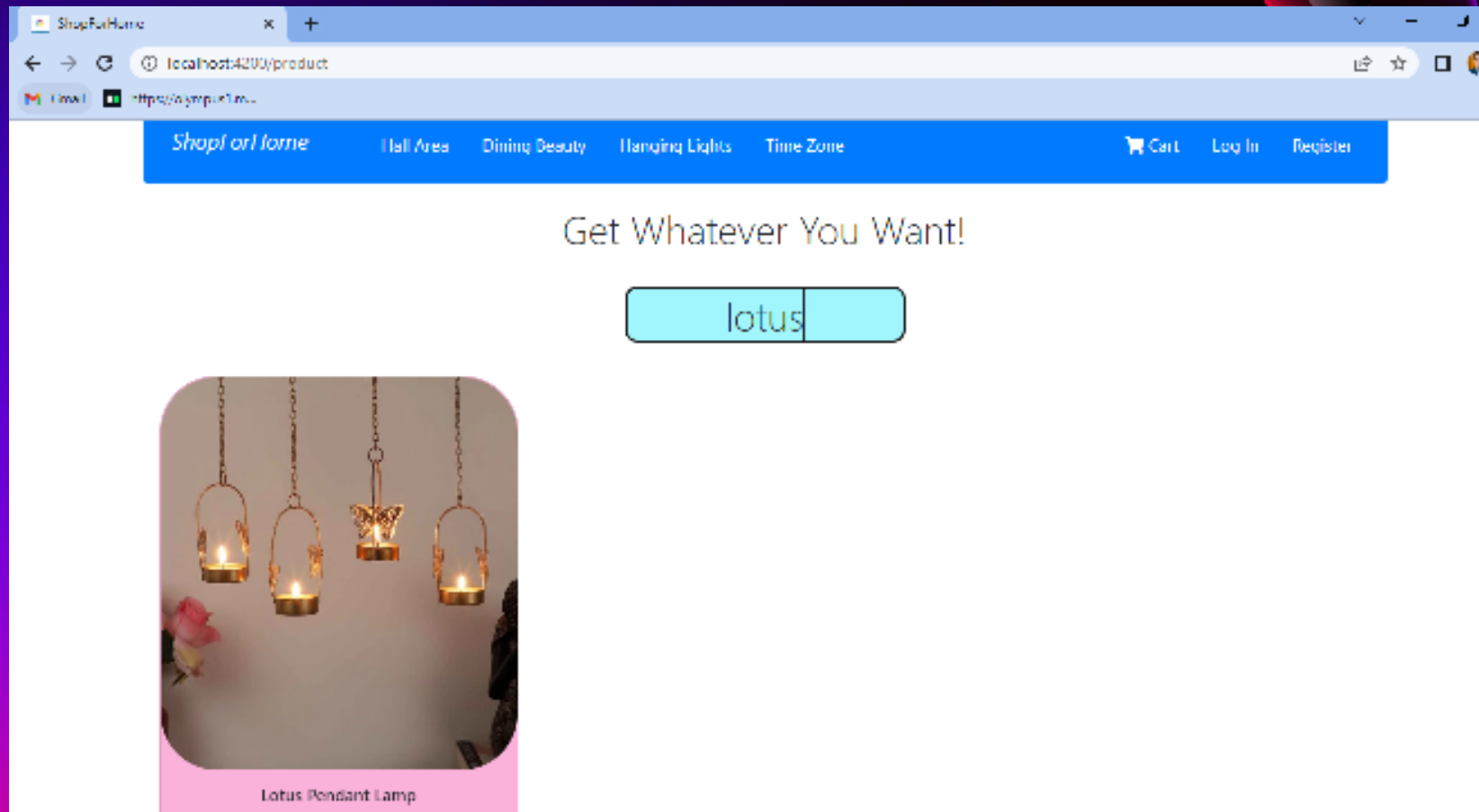
Type here to search

20°C ENG 11:01 1/10/2022

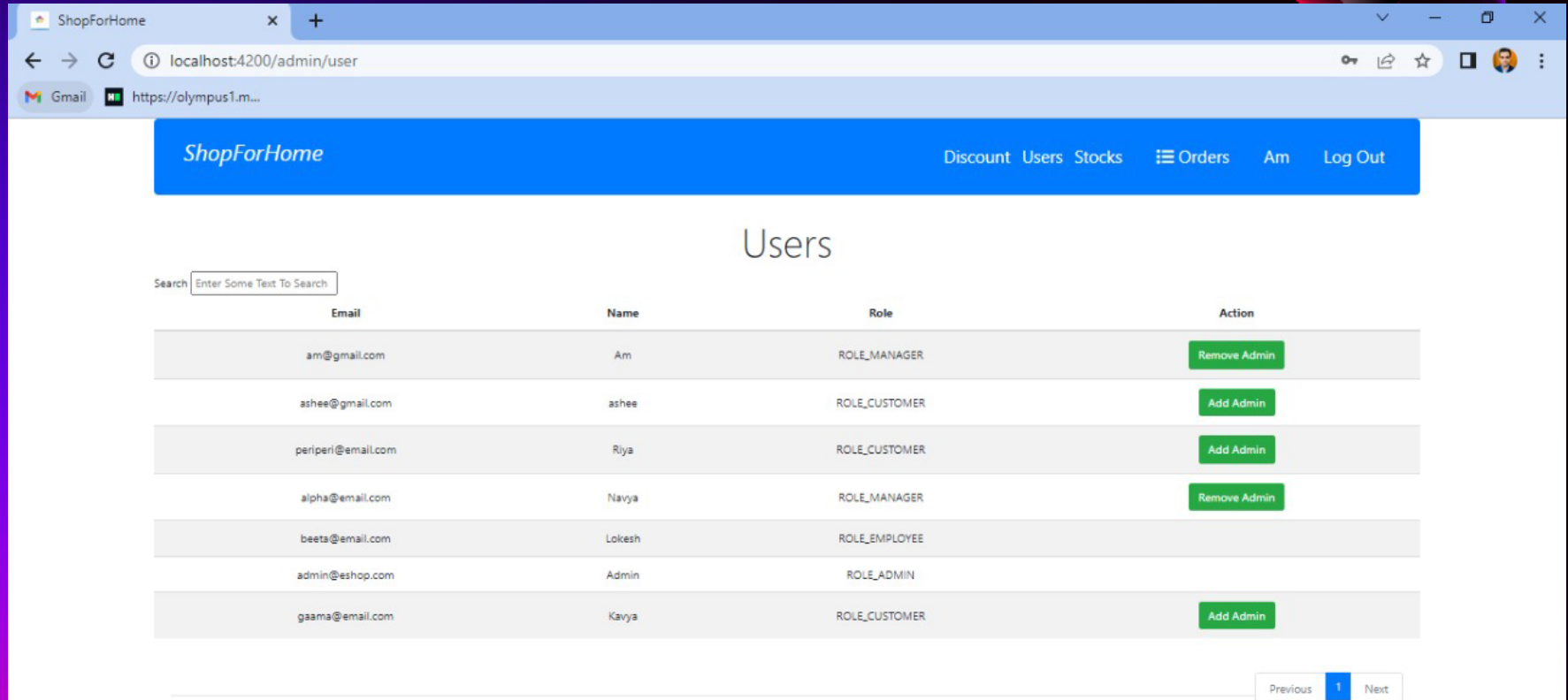
(Lights & Lamps)



(Search Products)



(Users)



The screenshot shows a web browser window with the address bar at `localhost:4200/admin/user`. The page title is "ShopForHome". The navigation bar includes links for "Discount", "Users", "Stocks", "Orders", "Am", and "Log Out". The main content area is titled "Users" and features a search bar with the placeholder text "Enter Some Text To Search". Below the search bar is a table with the following columns: "Email", "Name", "Role", and "Action". The table contains seven rows of user data. The "Action" column contains buttons: "Remove Admin" for the first, third, and fifth rows, and "Add Admin" for the second, fourth, sixth, and seventh rows.

Email	Name	Role	Action
am@gmail.com	Am	ROLE_MANAGER	Remove Admin
ashee@gmail.com	ashee	ROLE_CUSTOMER	Add Admin
periperi@email.com	Riya	ROLE_CUSTOMER	Add Admin
alpha@email.com	Navya	ROLE_MANAGER	Remove Admin
beeta@email.com	Lokesh	ROLE_EMPLOYEE	
admin@eshop.com	Admin	ROLE_ADMIN	
gaama@email.com	Kavya	ROLE_CUSTOMER	Add Admin

At the bottom right, there is a pagination control with the text "Previous", "1" (highlighted), and "Next".

(Products)

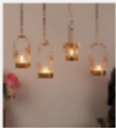


Shoptel Inc.

Discount Users Stocks Orders Add Log Out

Products

Choose File No file chosen

Upload

Photo	Code	Name	Type	Description	Price	Stock	Status	Action	Detail
	P0001	Lexus Pendant Lamp	Ceiling	Lexus Pendant Lamp: Nature to light your house	\$0.190.00	99	Available	Edit	Detail
	P0002	Hanging Light	Ceiling	Wooden White Glass Modern Single Hanging Light: Up Close Light	\$1.995.00	999	Available	Edit	Detail
	P0003	Wooden Hanging Light	Ceiling	Rustic Wood Single Hanging Lamp	\$1.710.00	97	Available	Edit	Detail

(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)

ShopForHome

Hall AreaDining BeautyHanging LightsTime Zone

Cart


Wishlist

Orders

ashee

Log Out

My Cart

Photo	Name	Price	Quantity	Subtotal	Action
	Analog Clock	\$3,508.00	<div>- 2 +</div>	\$7,016.00	Remove

undefined

Total: \$7,016.00

Checkout

(Wishlist)

ShopForHome

Hall AreaDining BeautyHanging LightsTime Zone

Cart


Wishlist

Orders

ashee

Log Out

My WishList

Photo	ID	Name	Price	Action
	P0017	Solid Wood Coffee Table	\$25,499.00	Remove

(Discount Coupons)

ShopForHome

Discount Users Stocks Orders Am Log Out

Coupons

Search

Enter Some Text To Search

Enter coupon code

Add Coupon

Couponcode	Action
123@uii	Delete
amber	Delete
undefined	Delete

Previous

1

Next

(Home Source Code)

```
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     <!-- 
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
33
```

Login Source Code

```
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="Email address"
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"
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">
33            <div>
```

(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="email">
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" name="password">
32       <div *ngIf="password.invalid && (password.dirty || password.touched)">
33         <div *ngIf="password.errors.required">
34           Password is required.
35         </div>
36         <div *ngIf="password.errors.minlength">
37           Password must be at least 6 characters long.
38         </div>
39         <div *ngIf="password.errors.pattern">
40           Password must be a regular expression.
41         </div>
42       </div>
43     </div>
44   </form>
45 </div>
```

Back End Content:- (Register)

```
@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)

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

    try {
        Authentication authentication = authenticationManager.authenticate(
            new UsernamePasswordAuthenticationToken(loginForm.getUsername(), loginForm.getPassword()));
        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.getRole()));
    } 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.

