

2580153

IYAPPA GANESH

CAPSTONE PROJECT

SOURCE CODE

```
package com.m_aadhar.bean;

import javax.persistence.Column;
import javax.persistence.Entity;
import javax.persistence.GeneratedValue;
import javax.persistence.GenerationType;
import javax.persistence.Id;

@Entity
public class Login {

    @Id
    private String emailid;

    @GeneratedValue(strategy = GenerationType.AUTO)
    private int id;

    private String password;

    @Column(name = "typeofuser")
    private String typeOfUser;

    private String name;

    private String address;

    private double phone;

    private String dob;
```

```
public String getEmailid() {  
    return emailid;  
}  
public void setEmailid(String emailid) {  
    this.emailid = emailid;  
}  
public String getPassword() {  
    return password;  
}  
  
public int getId() {  
    return id;  
}  
public void setId(int id) {  
    this.id = id;  
}  
public String getName() {  
    return name;  
}  
public void setName(String name) {  
    this.name = name;  
}  
public String getAddress() {  
    return address;  
}  
public void setAddress(String address) {
```

```

        this.address = address;
    }

    public double getPhone() {
        return phone;
    }

    public void setPhone(double phone) {
        this.phone = phone;
    }

    public String getDob() {
        return dob;
    }

    public void setDob(String dob) {
        this.dob = dob;
    }

    public void setPassword(String password) {
        this.password = password;
    }

    public String getTypeOfUser() {
        return typeOfUser;
    }

    public void setTypeOfUser(String typeOfUser) {
        this.typeOfUser = typeOfUser;
    }
}

```

```

    public Login(int id, String emailid, String password, String typeOfUser, String name,
String address, double phone,
        String dob) {
        super();
        this.id = id;
        this.emailid = emailid;

```

```

        this.password = password;
        this.typeOfUser = typeOfUser;
        this.name = name;
        this.address = address;
        this.phone = phone;
        this.dob = dob;
    }

```

```

    public Login() {
        super();
        // TODO Auto-generated constructor stub
    }

    @Override
    public String toString() {
        return "Login [id=" + id + ", emailid=" + emailid + ", password=" + password +
", typeOfUser=" + typeOfUser
        + ", name=" + name + ", address=" + address + ", phone=" +
phone + ", dob=" + dob + "]";
    }

```

```

}

```

```

package com.m_aadhar.controller;

```

```

import org.springframework.beans.factory.annotation.Autowired;
import org.springframework.http.MediaType;
import org.springframework.web.bind.annotation.CrossOrigin;
import org.springframework.web.bind.annotation.GetMapping;

```

```
import org.springframework.web.bind.annotation.PostMapping;
import org.springframework.web.bind.annotation.RequestBody;
import org.springframework.web.bind.annotation.RequestMapping;
import org.springframework.web.bind.annotation.RestController;
```

```
import com.m_aadhar.bean.Login;
import com.m_aadhar.service.LoginService;
```

```
@RestController
```

```
@RequestMapping("login")
```

```
@CrossOrigin
```

```
public class LoginController {
```

```
    @Autowired
```

```
    LoginService ls;
```

```
    @GetMapping(value = "note")
```

```
    public String note() {
```

```
        return ls.note();
```

```
    }
```

```
    @PostMapping(value = "signIn", consumes =
    MediaType.APPLICATION_JSON_VALUE)
```

```
    public String signIn(@RequestBody Login login) {
```

```
        System.out.println(login);
```

```
        return ls.signIn(login);
```

```
    }
```

```
    @PostMapping(value = "signUp", consumes =
    MediaType.APPLICATION_JSON_VALUE)
```

```

        public String signUp(@RequestBody Login login) {
            return ls.signUp(login);
        }

    }

package com.m_aadhar.controller;

import java.util.List;

import org.springframework.beans.factory.annotation.Autowired;
import org.springframework.http.MediaType;
import org.springframework.web.bind.annotation.CrossOrigin;
import org.springframework.web.bind.annotation.DeleteMapping;
import org.springframework.web.bind.annotation.GetMapping;
import org.springframework.web.bind.annotation.PatchMapping;
import org.springframework.web.bind.annotation.PathVariable;
import org.springframework.web.bind.annotation.PostMapping;
import org.springframework.web.bind.annotation.RequestBody;
import org.springframework.web.bind.annotation.RequestMapping;
import org.springframework.web.bind.annotation.RestController;

import com.m_aadhar.bean.Login;
import com.m_aadhar.service.LoginService;

@RestController
@RequestMapping("operation")
@CrossOrigin

```

```

public class OperationController {

    @Autowired
    LoginService ls;

    @PostMapping(value = "apply", consumes = MediaType.APPLICATION_JSON_VALUE)
    public String apply(@RequestBody Login login) {
        return ls.storeUser(login);
    }

    @PatchMapping(value = "update", consumes =
MediaType.APPLICATION_JSON_VALUE)
    public String update(@RequestBody Login login) {
        return ls.update(login);
    }

    @GetMapping(value = "getAll", produces = MediaType.APPLICATION_JSON_VALUE)
    public List<Login> getAllUser(){
        return ls.getAll();
    }

    @GetMapping(value = "getUser/{id}", produces =
MediaType.APPLICATION_JSON_VALUE)
    public List<Login> getOneUser(@PathVariable("id") int id){
        return ls.findById(id);
    }

    @DeleteMapping(value = "delete/{emailid}")
    public String deleteUser(@PathVariable("emailid") String emailid){
        return ls.delete(emailid);
    }
}

```

```
}
```

```
}package com.m_aadhar.repository;
```

```
import java.util.List;
```

```
import java.util.Optional;
```

```
import org.springframework.data.jpa.repository.JpaRepository;
```

```
import org.springframework.data.jpa.repository.Query;
```

```
import org.springframework.data.repository.query.Param;
```

```
import org.springframework.stereotype.Repository;
```

```
import com.m_aadhar.bean.Login;
```

```
@Repository
```

```
public interface LoginRepository extends JpaRepository<Login, String> {
```

```
    @Query("select l from Login l where l.id = :id")
```

```
    public List<Login> userById(@Param("id") int id);
```

```
}
```

```
package com;
```



```

import org.springframework.boot.SpringApplication;
import org.springframework.boot.autoconfigure.SpringBootApplication;
import org.springframework.boot.autoconfigure.domain.EntityScan;

@SpringBootApplication(scanBasePackages = "com.m_aadhar")
@EntityScan(basePackages = "com.m_aadhar.bean")
public class BackendApplication {

    public static void main(String[] args) {
        SpringApplication.run(BackendApplication.class, args);
        System.out.println("server running on port number 7070.....");
    }

}

spring.datasource.driver-class-name=com.mysql.cj.jdbc.Driver
spring.datasource.url=jdbc:mysql://localhost:3306/myaadhar
spring.datasource.username=root
spring.datasource.password=root
spring.jpa.hibernate.ddl-auto=update
spring.jpa.properties.hibernate.show_sql=true
spring.jpa.properties.hibernate.format_sql=true
server.port = 7070

logging.level.org.hibernate=INFO
logging.level.org.hibernate.SQL=INFO
logging.level.org.hibernate.type.descriptor.sql.BasicBinder=TRACE
logging.level.org.springframework=INFO
logging.level.org.apache=INFO

```

```

<div class="container-fluid">

  <h2>

    Welcome to home page admin {{user}}

  </h2>

  <div class="btns">

    <button class="btn btn-secondary"><a routerLink="getUser" class="btn btn-secondary">View Applications</a></button>

    <button class="btn btn-secondary"><a routerLink="getList" class="btn btn-secondary">View List</a></button>

  </div>


  <router-outlet></router-outlet>

  <hr>

  <input type="button" value="Logout" (click)="logout()" class="btn btn-secondary"/>

</div>

```

```

import { Component, OnInit } from '@angular/core';
import { Router } from '@angular/router';

```

```

@Component({
  selector: 'app-admindashboard',
  templateUrl: './admindashboard.component.html',
  styleUrls: ['./admindashboard.component.css']
})
export class AdmindashboardComponent implements OnInit {
  user:string = "";
  constructor(public router:Router) { }

  ngOnInit(): void {
    let obj = sessionStorage.getItem("userDetails");

```

```
if(obj!=null){  
    this.user = obj;  
}  
}
```

```
logout(){  
    sessionStorage.removeItem("userDetails");  
    this.router.navigate(["login"]);  
}
```

```
}
```

```
<div class="tables">
```

```
    <table class="table caption-top">
```

```
        <caption >List Of Aadhar</caption>
```

```
        <tr>
```

```
            <th>#</th>
```

```
            <th>Name</th>
```

```
            <th>Phone</th>
```

```
            <th>Email Id</th>
```

```
            <th>DOB</th>
```

```
            <th>Address</th>
```

```
        </tr>
```

```
        <tr *ngFor="let l of login">
```

```
            <td>{{l.id}}</td>
```

```
            <td>{{l.name}}</td>
```

```
            <td>{{l.phone}}</td>
```

```
            <td>{{l.emailid}}</td>
```

```
            <td>{{l.dob}}</td>
```

```
            <td>{{l.address}}</td>
```

```
        <td id="data"><button class="btn btn-outline-danger"
(click)="deleteUser(l.emailid)">Delete Aadhar</button></td>

    </tr>
```

```
</table>
```

```
</div>
```

```
import { Component, OnInit } from '@angular/core';
```

```
import { Login } from '../login';
```

```
import { LoginService } from '../login.service';
```

```
@Component({
```

```
  selector: 'app-get-all',
```

```
  templateUrl: './get-all.component.html',
```

```
  styleUrls: ['./get-all.component.css']
```

```
})
```

```
export class GetAllComponent implements OnInit {
```

```
  login:Array<Login> = [];
```

```
  constructor(public ls:LoginService) { }
```

```
  ngOnInit(): void {
```

```
    this.getAllUser();
```

```
  }
```

```
  getAllUser(){
```

```
    this.ls.findAllUser().subscribe({
```

```
      next:(result:any)=>this.login=result,
```

```
      error:(error:any)=>console.log(error),
```

```
      complete:()=>console.log("completed")
```

```
    });
```

```
}
```

```
deleteUser(emailid:string){  
  // this.ls.deleteUser(emailid).subscribe({  
  //   next:(result:any)=>console.log(result),  
  //   error:(error:any)=>console.log(error),  
  //   complete:()=>console.log("completed")  
  // });
```

```
if(confirm("Are You sure, You want to delete the this Aadhar?")){  
  this.ls.deleteUser(emailid).subscribe({  
    next:(result:any) => console.log(result),  
    error:(error:any) => console.log(error),  
    complete:()=>{  
      this.getAllUser();  
    }  
  });  
}
```

```
}
```

```
}
```

```
<div class="container-fluid">  
  <h2>Login Page</h2>  
  <form [formGroup]="loginRef" (ngSubmit)="signInNow()">  
    <div class="form-group">  
      <!-- <label>Email Id:</label> -->  
      <input type="email" placeholder="Enter Email Id" formControlName="emailid" />  
    </div>
```

```

<div class="form-group">
  <!-- <label>Email Id:</label> -->
  <input type="password" placeholder="Enter password" formControlName="password"
/>
</div>
<!-- <label>Type Of User: </label> -->
  <input type="radio" name="typeOfUser" value="admin"
formControlName="typeOfUser"/>admin
  <input type="radio" name="typeOfUser" value="user"
formControlName="typeOfUser"/>user
  <br>
  <div class="form-group" >
    <input type="submit" value="Login" class="btn btn-success"/>
  </div>
  <div class="form-group">
    <input type="reset" value="reset" class="btn btn-secondary"/>
  </div>
  <!-- <input type="submit" value="Sign in" /> -->
  <!-- <input type="reset" value="reset"/> -->
  <!-- <input type="button" (click)="note()" value="note"/> -->
</form>
<br>
<span style="color: red;">{{msg}}</span><br>
<!-- <a routerLink="/signUp">SignUp</a> -->
<div class="form-group" >
  <p>Don't have Account? <button class="btn btn-outline-secondary"><a
routerLink="/signUp" style="color: black; text-decoration:none">Create
Account</a></button></p>
</div>
</div>
import { Component, OnInit } from '@angular/core';

```

```
import { FormGroup, FormControl } from '@angular/forms'
import { Router } from '@angular/router';
import { LoginService } from '../login.service';
import { Login } from '../login';
```

```
@Component({
  selector: 'app-login',
  templateUrl: './login.component.html',
  styleUrls: ['./login.component.css']
})
```

```
export class LoginComponent implements OnInit {
  msg:string = "";
  loginRef= new FormGroup({
    emailid:new FormControl(),
    password:new FormControl(),
    typeOfUser:new FormControl()
  });
```

```
  constructor(public ls:LoginService, public router: Router) { }
```

```
  ngOnInit(): void {
  }
```

```
  signInNow(){
    let login = this.loginRef.value;
    this.ls.signIn(login).subscribe({
      next:(result:any)=>{
        if(result == "Admin sucessfully login"){
          sessionStorage.setItem("userDetails",login.emailid);
```

```

        this.router.navigate(["adminHome"]);
    }
    else if(result == "User successfully login"){
        sessionStorage.setItem("userDetails",login.emailid);
        this.router.navigate(["userHome"]);
    }else{
        this.msg = result;
    }
},
error:(error:any)=>console.log(error),
complete:()=>console.log("completed..")
});

}

```

```

note(){
    let login = this.loginRef.value;
    this.ls.note1().subscribe({
        next:(result:any)=>console.log(result),
        error:(error:any)=>console.log(error),
        complete:()=>console.log("completed..")
    });
}

```

```

}

<div class="tables">
    <table class="table caption-top">
        <caption >List Of Applications</caption>

```



```

<tr>
  <th>#</th>
  <th>Name</th>
  <th>Phone</th>
  <th>Email Id</th>
  <th>DOB</th>
  <th>Address</th>
</tr>
<tr *ngFor="let l of login">
  <td>{{l.id}}</td>
  <td>{{l.name}}</td>
  <td>{{l.phone}}</td>
  <td>{{l.emailid}}</td>
  <td>{{l.dob}}</td>
  <td>{{l.address}}</td>
  <td id="data"><button class="btn btn-outline-primary">Approve</button><button
class="btn btn-outline-danger">Reject</button></td>
</tr>

</table>
</div>
import { Component, OnInit } from '@angular/core';
import { Login } from '../login';
import { LoginService } from '../login.service';

@Component({
  selector: 'app-retrieve',
  templateUrl: './retrieve.component.html',
  styleUrls: ['./retrieve.component.css']
})

```

```
export class RetrieveComponent implements OnInit {
```

```
  login:Array<Login> = [];
```

```
  constructor(public ls:LoginService) { }
```

```
  ngOnInit(): void {
```

```
    this.getAllUser();
```

```
  }
```

```
  getAllUser(){
```

```
    this.ls.findAllUser().subscribe({
```

```
      next:(result:any)=>this.login=result,
```

```
      error:(error:any)=>console.log(error),
```

```
      complete:()=>console.log("completed")
```

```
    });
```

```
  }
```

```
}
```

```
<div class="container-fluid">
```

```
  <h2>Create Account</h2>
```

```
  <form [formGroup]="loginRef" (ngSubmit)="signUp()">
```

```
    <div class="form-group">
```

```
      <input type="email" placeholder="Enter Email Id" formControlName="emailid"/>
```

```
    </div>
```

```
    <div class="form-group">
```

```
      <input type="password" placeholder="Enter password"
```

```
formControlName="password"/>
```

```
    </div>
```

```
    <div class="form-group">
```

```
      <input type="number" placeholder="Enter number" formControlName="id"/>
```

```
</div>

<div class="form-group">
  <input type="text" placeholder="Enter your name" formControlName="name"/>
</div>

<div class="form-group">
  <input type="text" placeholder="Enter your address" formControlName="address"/>
</div>

<div class="form-group">
  <input type="number" placeholder="Enter your mobile number"
formControlName="phone"/>
</div>

<div class="form-group">
  <input type="text" placeholder="Enter your DOB" formControlName="dob"/>
</div>

<!-- <label>Type Of User: </label> -->

<input type="radio" name="typeOfUser" value="admin"
formControlName="typeOfUser"/>admin

<input type="radio" name="typeOfUser" value="user"
formControlName="typeOfUser"/>user

<br>

<div class="form-group">
  <input type="submit" value="Sign up" class="btn btn-primary"/>
</div>

<div class="form-group">
  <input type="reset" value="reset" class="btn btn-secondary"/>
</div>

<!-- <input type="submit" value="Sign up" /> -->

<!-- <input type="reset" value="reset"/> -->

<!-- <input type="button" (click)="note()" value="note"/> -->

</form>
```

```

<br>
<span style="color: red;">{{msg}}</span><br>
<!-- <a routerLink="/login">Login</a> -->

<div class="form-group"><p>Return Back to <button class="btn btn-outline-
secondary"><a routerLink="/login" style="color: black; text-
decoration:none">Login</a></button> </p></div>
</div>

import { Component, OnInit } from '@angular/core';
import { FormGroup, FormControl } from '@angular/forms';
import { LoginService } from '../login.service';

@Component({
  selector: 'app-sign-up',
  templateUrl: './sign-up.component.html',
  styleUrls: ['./sign-up.component.css']
})
export class SignUpComponent implements OnInit {
  msg:string = "";
  loginRef= new FormGroup({
    emailid:new FormControl(),
    password:new FormControl(),
    typeOfUser:new FormControl(),
    id:new FormControl(),
    name:new FormControl(),
    address:new FormControl(),
    phone:new FormControl(),
    dob:new FormControl(),
  });
  constructor(public ls:LoginService) { }

```

```
ngOnInit(): void {  
}
```

```
signUp(){  
  let login = this.loginRef.value;  
  this.ls.signUp(login).subscribe({  
    next:(result:any)=>this.msg=result,  
    error:(error:any)=>this.msg=error,  
    complete:()=>console.log("completed")  
  });  
}
```

```
}
```

```
}
```

```
<div class="container-fluid">  
  <h2>Update User</h2>  
  <form [formGroup]="loginRef" (ngSubmit)="update()">  
    <!-- <label>Email Id: </label>  
    <input type="email" formControlName="emailid"><br> -->  
    <!-- <label>Password: </label>  
    <input type="password" formControlName="password"><br> -->  
    <!-- <label>Aadhar Number: </label>  
    <input type="number" formControlName="id"><br> -->  
    <!-- <label>Name: </label>  
    <input type="text" formControlName="name"><br> -->  
    <!-- <label>Address: </label>  
    <input type="text" formControlName="address"><br>  
    <label>Phone number: </label>  
    <input type="number" formControlName="phone"><br>
```

```
<label>Date of Birth: </label>

<input type="text" formControlName="dob"><br>

<!-- <label>Type Of User: </label> -->

<!-- <input type="radio" name="typeOfUser" value="admin"
formControlName="typeOfUser"/>admin

    <input type="radio" name="typeOfUser" value="user"
formControlName="typeOfUser"/>user -->

<!-- <br> -->

<div class="form-group">

    <input type="number" placeholder="Enter number" formControlName="id"/>

</div>

<div class="form-group">

    <input type="text" placeholder="Enter your address" formControlName="address"/>

</div>

<div class="form-group">

    <input type="number" placeholder="Enter your mobile number"
formControlName="phone"/>

</div>

<div class="form-group">

    <input type="text" placeholder="Enter your DOB" formControlName="dob"/>

</div>

<div class="form-group">

    <input type="submit" value="Update Details" class="btn btn-primary"/>

</div>

<div class="form-group">

    <input type="button" value="Back" (click)="back()" class="btn btn-secondary"/>

</div>
```

```

        <!-- <input type="submit" value="Update details" />

        <input type="button" value="Back" (click)="back()"/> -->

        <!-- <input type="button" (click)="note()" value="note"/> -->

    </form>

    <br>

    <!-- <span style="color: red;">{{msg}}</span><br> -->

    <!-- <a routerLink="/login">Login</a> -->
</div>

import { Component, OnInit } from '@angular/core';
import { FormGroup, FormControl } from '@angular/forms';
import { Router } from '@angular/router';
import { LoginService } from '../login.service';
import { Login } from '../login';

@Component({
  selector: 'app-update',
  templateUrl: './update.component.html',
  styleUrls: ['./update.component.css']
})
export class UpdateComponent implements OnInit {
  login:Array<Login> = [];
  user:string = "";
  loginRef= new FormGroup({
    emailid:new FormControl(),
    password:new FormControl(),
    typeOfUser:new FormControl(),
    id:new FormControl(),
    name:new FormControl(),

```

```

        address:new FormControl(),
        phone:new FormControl(),
        dob:new FormControl(),
    });

    constructor(public ls:LoginService, public router:Router) { }

    ngOnInit(): void {
        let obj = sessionStorage.getItem("userDetails");
        if(obj!=null){
            this.user = obj;
        }
    }

    update(){
        if(confirm("Are You sure, You want to delete the this Aadhar?")){
            this.ls.updateUser(this.user).subscribe({
                next:(result:any) => console.log(result),
                error:(error:any) => console.log(error),
                complete:()=>console.log("completed")
            })
        }
    }

    back(){
        this.router.navigate(["userHome"]);
    }

}

<div align="center">

```



```

<nav class="navbar navbar-expand-xl navbar-light bg-light">

  <div class="container-fluid">

    <a class="navbar-brand" href="#"><b
style="color: darkslategray;">mAadhar |</b></a>

    <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-
target="#navbarBasic" aria-controls="navbarBasic" aria-expanded="false" aria-label="Toggle
navigation">

      <span class="navbar-toggler-icon"></span>

    </button>

    <div class="collapse navbar-collapse show" id="navbarBasic">

      <ul class="navbar-nav me-auto mb-2 mb-xl-0">

        <li class="nav-item">

          <a class="nav-link" routerLink="login">Login</a>

        </li>

        <li class="nav-item">

          <a class="nav-link" routerLink="signUp">Admin Signup</a>

        </li>

        <li class="nav-item">

          <a class="nav-link" routerLink="signUp">User Signup</a>

        </li>

        <!-- <li class="nav-item">

          <a class="nav-link" routerLink="employee">Employee</a>

        </li> -->

      </ul>

    </div>

  </div>

</nav>

<router-outlet></router-outlet>

</div>

```

```
import { NgModule } from '@angular/core';
import { BrowserModule } from '@angular/platform-browser';
import { HttpClientModule } from '@angular/common/http';
import { AppRoutingModule } from './app-routing.module';
import { AppComponent } from './app.component';
import { LoginComponent } from './login/login.component';
import { SignupComponent } from './sign-up/sign-up.component';
import { AdmindashboardComponent } from
'./admindashboard/admindashboard.component';
import { UserdashboardComponent } from './userdashboard/userdashboard.component';
import { FormsModule, ReactiveFormsModule } from '@angular/forms';
import { OperationComponent } from './operation/operation.component';
import { RetrieveComponent } from './retrieve/retrieve.component';
import { GetAllComponent } from './get-all/get-all.component';
import { UpdateComponent } from './update/update.component';
```

```
@NgModule({
  declarations: [
    AppComponent,
    LoginComponent,
    SignupComponent,
    AdmindashboardComponent,
    UserdashboardComponent,
    OperationComponent,
    RetrieveComponent,
    GetAllComponent,
    UpdateComponent
  ],
  imports: [
    BrowserModule,
```

```
    AppRoutingModule,  
    HttpClientModule,  
    ReactiveFormsModule,  
    FormsModule  
  ],  
  providers: [],  
  bootstrap: [AppComponent]  
})  
export class AppModule { }
```