

M-AADHAR APPLICATION

Source code :

FRONTEND: ANGULAR, BOOTSTRAP, HTML AND CSS

Index.html

```
<!doctype html>
<html lang="en">
<head>
  <meta charset="utf-8">
  <title>Frontend</title>
  <base href="/">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css"
rel="stylesheet" integrity="sha384-
EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTWfSpd3yD65VohhpuuCOMLASjC"
crossorigin="anonymous">
</head>
<body>
  <app-root></app-root>
</body>
</html>

  <link rel="icon" type="image/x-icon" href="favicon.ico">
</head>
<body>
  <app-root></app-root>
</body>
</html>
```

app.component.html :

```
<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>

```

App-routing.module.ts :

```

import { NgModule } from '@angular/core';
import { RouterModule, Routes } from '@angular/router';
import { AdmindashboardComponent } from
'./admindashboard/admindashboard.component';
import { GetAllComponent } from './get-all/get-all.component';
import { LoginComponent } from './login/login.component';
import { OperationComponent } from './operation/operation.component';
import { RetrieveComponent } from './retrieve/retrieve.component';
import { SignUpComponent } from './sign-up/sign-up.component';
import { UpdateComponent } from './update/update.component';
import { UserdashboardComponent } from './userdashboard/userdashboard.component';

const routes: Routes = [
    {path:"login", component:LoginComponent},
    {path:"", redirectTo:"login", pathMatch:"full"},
    {path:"adminHome", component:AdmindashboardComponent, children:[
        {path:"getUser", component:RetrieveComponent},

```

```

        {path:"getList", component:GetAllComponent}

    ]},
    {path:"userHome", component:UserdashboardComponent, children:[
        {path:"applyUser", component:OperationComponent},
        {path:"updateUser", component:UpdateComponent}
    ]},
    {path:"signUp", component:SignUpComponent},
];

@NgModule({
  imports: [RouterModule.forRoot(routes)],

  exports: [RouterModule]
})
export class AppRoutingModule { }

```

app.component.ts

```

import { Component } from '@angular/core';

@Component({
  selector: 'app-root',
  templateUrl: './app.component.html',
  styleUrls: ['./app.component.css']
})
export class AppComponent {
  title = 'Frontend';
}

```

App.module.ts

```

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 { }

```

login.service.ts

```

import { HttpClient } from '@angular/common/http';
import { Injectable } from '@angular/core';
import { Observable } from 'rxjs';
import { Login } from './login';

@Injectable({
  providedIn: 'root'

```

```

}))
export class LoginService {
    baseUrl:string = "http://localhost:8090/login";
    operationURL:String = "http://localhost:8090/operation";
    constructor(public http:HttpClient) { }

    note1():Observable<any>{
        return this.http.get("http://localhost:8090/login/note",{responseType:"text"}
    );
    }

    signIn(login:any):Observable<string>{
        return this.http.post(this.baseUrl+"/signIn", login,{responseType:"text"});
    }

    signUp(login:any):Observable<string>{
        return this.http.post(this.baseUrl+"/signUp", login,{responseType:"text"});
    }

    //*****operations*****

    apply(login:any):Observable<string>{
        return this.http.post(this.operationURL+"/apply",
login,{responseType:"text"});
    }

    updateUser(login:any):Observable<string>{
        return this.http.patch(this.operationURL+"/update", login,
{responseType:"text"});
    }

    findAllUser():Observable<Login[]>{
        return this.http.get<Login[]>(this.operationURL+"/getAll");
    }

    findById(id:number):Observable<Login[]>{
        return this.http.get<Login[]>(this.operationURL+"/getUser/"+id);
    }

    deleteUser(emailid:string):Observable<string>{
        return this.http.delete(this.operationURL+"/delete/"+emailid,
{responseType:"text"});
    }
}

```

```
}
```

login.ts

```
export class Login {  
  constructor(public emailid:string,  
    public password:string,  
    public typeOfUser:string,  
    public name:string,  
    public id:number,  
    public address:string,  
    public phone:number,  
    public dob:string  
  ){}  
}
```

admindashboard.component.html

```
<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>
```

admindashboard.component.ts

```
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"]);
  }
}

```

get-all.component.html

```

<div class="tables">
  <table class="table caption-top">
    <caption>List Of Aadhar</caption>
    <tr>
      <th>id</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>
    </tr>
  </table>
</div>

```

```

        <td id="data"><button class="btn btn-outline-danger"
(click)="deleteUser(1.emailid)">Delete Aadhar</button></td>
    </tr>

</table>
</div>

```

get-all.component.ts

```

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){

    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();
        }
      })
    }
  }
}

```



```

    });
  }

}

}

```

login.component.html

```

<div class="container-fluid">
  <h2>Login Page</h2>
  <form [formGroup]="loginRef" (ngSubmit)="signInNow()">
    <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>
    <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>
  </form>
  <br>
  <span style="color: red;">{{msg}}</span><br>
  <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>

```

login.component.ts

```
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..")
  });
}

}

```

operation.component.html

```

<div class="container-fluid">
  <h2>Apply for Aadhar Card</h2>
  <form [formGroup]="loginRef" (ngSubmit)="applyUser()">
    <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>
    <input type="radio" name="typeOfUser" value="none"
formControlName="typeOfUser"/>none
    <input type="radio" name="typeOfUser" value="user"
formControlName="typeOfUser"/>user
    <br>
    <div class="form-group">
        <input type="submit" value="Apply" class="btn btn-primary"/>
    </div>
    <div class="form-group">
        <input type="reset" value="reset" class="btn btn-secondary"/>
    </div>
</form><br>
<span style="color: red;">{{msg}}</span>
</div>

```

operation.component.ts

```

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

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

```

```

    }

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

      this.loginRef.reset();
    }
  }
}

```

retrive.component.html

```

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

```

retrive.component.ts

```
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")
    });
  }
}
```

sign-up.component.html

```
<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>
    <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>
</form>
<br>
<span style="color: red;">{{msg}}</span><br>
<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>

```

sign-up.component.ts

```

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")
    });
  }
}

```

update.component.html

```

<div class="container-fluid">
  <h2>Update User</h2>
  <form [formGroup]="loginRef" (ngSubmit)="update()">

    <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>
    </form>
    <br>
</div>

```

update.component.ts

```

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"]);
}
}

```

userdashboard.component.html

```

<div class="container-fluid">
  <h2>
    Welcome to home page user {{user}}
  </h2>
  <div class="btns">
    <button class="btn btn-secondary"><a routerLink="applyUser" class="btn
btn-secondary">Apply for Aadhar</a></button>
    <button class="btn btn-secondary"><a routerLink="updateUser"
(click)="updateUser(user)" class="btn btn-secondary">Update details</a></button>

```

```

</div>

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

```

userdashboard.component.ts

```

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

@Component({
  selector: 'app-userdashboard',
  templateUrl: './userdashboard.component.html',
  styleUrls: ['./userdashboard.component.css']
})
export class UserdashboardComponent implements OnInit {
  login:Array<Login> = [];
  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"]);
  }

  updateUser(emailid:string){
    console.log(emailid);
  }
}

```

