mAadharapplication-sourcecode

backtend

```
MAadharbackendAppApplication.java package

com;


import org.springframework.boot.SpringApplication; import

org.springframework.boot.autoconfigure.SpringBootApplication; import

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

org.springframework.data.jpa.repository.config.EnableJpaRepositories;


@SpringBootApplication(scanBasePackages = "com")

@EntityScan(basePackages = "com.mAadhar.bean")

@EnableJpaRepositories(basePackages = "com.mAadhar.repository") public

class MAadharbackendAppApplication {


        public static void main(String[] args) {

                SpringApplication.run(MAadharbackendAppApplication.class, args);

                System.out.println("Server Running on 9191");

        }


}
```

Login.java

```
package com.mAadhar.bean;
 import
javax.persistence.Column;

import javax.persistence.Entity; import
javax.persistence.Id;
 @Entity
public class Login {
        @Id
        private String emailid;
private String password;
@Column(name = "typeofuser")
private String typeOfUser;     public
String getEmailid() {    return
emailid;
        }
        public void setEmailid(String emailid) {
              this.emailid = emailid;
        }
        public String getPassword() {
        return password;
        }
        public void setPassword(String password) {
              this.password = password;
        }
        public String getTypeOfUser() {
return typeOfUser;
        }
        public void setTypeOfUser(String typeOfUser) {
              this.typeOfUser = typeOfUser;
        }


}
```

Requests.java

```
package com.mAadhar.bean;

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

import org.hibernate.annotations.GenericGenerator;
@Entity
public class Requests {

      @GeneratedValue(generator = "uuid")
      @GenericGenerator(name = "uuid", strategy = "uuid")
      @Column(columnDefinition = "CHAR(32)")
      @Id
      private String adharid;
private String emailid;
private String name;
private int age;
private String address;
      public String getEmailid() {
      return emailid;
      }
      public void setEmailid(String emailid) {
            this.emailid = emailid;
      }
      public String getName() {
return name;
      }
      public void setName(String name) {
this.name = name;
      }
```

```
	public int getAge() {
	return age;
	}
	public void setAge(int age) {
		this.age = age;
	}
	public String getAddress() {
	return address;
	}
	public void setAddress(String address) {
		this.address = address;
	}
	public String getAdharid() {
	return adharid;
	}
	public void setAdharid(String adharid) {
		this.adharid = adharid;
	}
	@Override
	public String toString() {		return "Requests [adharid=" +
adharid + ", emailid=" + emailid
+ ", name=" + name + ", age=" + age
				+ ", address=" + address + "]";
	}


}
```

Logincontroller.java

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

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

@RestController
@RequestMapping("login")
@CrossOrigin
public class LoginController {

	@Autowired
	LoginService loginservice;

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

```
        public String signIn(@RequestBody Login login) {
                return loginservice.signIn(login);

        }

        @PostMapping(value = "signUp", consumes =
MediaType.APPLICATION_JSON_VALUE) public String
        signUp(@RequestBody Login login) {
                return loginservice.signUp(login);
        }
}
```

Requestcontroller.java

```
package com.mAadhar.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.mAadhar.bean.Requests; import
com.mAadhar.service.RequestService;

@RestController
@RequestMapping("request")
@CrossOrigin
public class RequestController {

        @Autowired
        RequestService reqservice;

        @PostMapping(value = "apply",consumes =
MediaType.APPLICATION_JSON_VALUE)
        public String requestadhar(@RequestBody Requests req) {
        return reqservice.storeRequest(req);
        }

        @GetMapping(value="viewAllRequest",produces =
MediaType.APPLICATION_JSON_VALUE)
public List<Requests> getAllReq() {
                return reqservice.getAllRequests();
        }
```

```
      @DeleteMapping(value="deny/{adharid}")    public String
deleteReq(@PathVariable("adharid") String adharid) {
            return reqservice.denyRequest(adharid);
      }
      @PatchMapping(value = "approve",consumes =
MediaType.APPLICATION_JSON_VALUE)
      public String approveRequest(@RequestBody Requests req) {
      return reqservice.approveRequest(req);
      }

      @PatchMapping(value = "updateadhar",consumes =
MediaType.APPLICATION_JSON_VALUE) public String
      updateadhar(@RequestBody Requests req) {
            return reqservice.updateAdhar(req);
      }

      @GetMapping(value="viewmyadhar/{emailid}",produces =
MediaType.APPLICATION_JSON_VALUE)
       public Requests viewmyAdhar(@PathVariable("emailid") String emailid)
{
            return reqservice.viewmyAdhar(emailid);
      }
}
```

Loginrepository.java

```
package com.mAadhar.repository;

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


import org.springframework.stereotype.Repository;

import com.mAadhar.bean.Login;

@Repository
public interface LoginRepository extends JpaRepository<Login, String>{

}
```

Requestrepository.java

```
package com.mAadhar.repository;

import java.util.List;
  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.mAadhar.bean.Requests;

@Repository
```

```
public interface RequestRepository extends JpaRepository<Requests, String>{
      //JPQL
            @Query("select r from Requests r where r.emailid = :emailid")
      public Requests viewmyAdhar(@Param("emailid") String emailid);
}
```

Loginservice.java

```
package com.mAadhar.service;
 import
java.util.Optional;


import org.springframework.beans.factory.annotation.Autowired;
import org.springframework.stereotype.Service;

import com.mAadhar.bean.Login;
import com.mAadhar.repository.LoginRepository;
 @Service
public class LoginService {

      @Autowired
      LoginRepository loginRepository;
public String signIn(Login login) {
Optional<Login> result =
loginRepository.findById(login.getEmailid());
            if(result.isPresent()) {
                              Login ll = result.get();

      if(ll.getPassword().equals(login.getPassword())) {


      if(login.getTypeOfUser().equals(ll.getTypeOfUser())) {

      if(login.getTypeOfUser().equals("admin")) {
                                                return "Admin sucessfully
login";
                                          }
                                          else{
                                                return "User successfully
login";
                                    }
                                    }else {
                                           return "Invalid Credentials! Try
Again!";
                                    }
                              }else {
                                     return "Invalid Password! Try Again!";
                              }
            }else{

                  return "Invalid EmailId! Try Again!";
            }
      }
```

```
    public String signUp(Login login) {
Optional<Login> result = 
loginRepository.findById(login.getEmailid());
if(result.isPresent()) {                                    return 
"Email Id alreay exist";
        }else {
            if(login.getTypeOfUser().equals("admin")) {
                return "You can't create admin account";
            }else {
                loginRepository.save(login);
                return "Account created successfully";
            }
            }
    }
}
```

Requestservice.java

```
package com.mAadhar.service;

import java.util.List;

import java.util.Optional;

import org.springframework.beans.factory.annotation.Autowired;
import org.springframework.stereotype.Service;

import com.mAadhar.bean.Requests;
import com.mAadhar.repository.RequestRepository;
 @Service
public class RequestService {

    @Autowired
    RequestRepository reqrepo;

    public String storeRequest(Requests req) {
reqrepo.save(req);
        return "Aadhar Application Request Submitted";
    }

    public List<Requests> getAllRequests() {
        return reqrepo.findAll();
    }

    public String denyRequest(String adharid) {
        Optional<Requests> result  = reqrepo.findById(adharid);
        if(result.isPresent()) {
    Requests p = result.get();
reqrepo.delete(p);
            return "Application Denied";
        }else {
            return "Application not present";
        }
```

```
      }
 public  String  approveRequest(Requests  req)  {
Optional<Requests>        result              =
reqrepo.findById(req.getAdharid());
            if(result.isPresent()) {
      Requests p = result.get();
reqrepo.saveAndFlush(p);
                  return "Application Approved";
            }else {
                  return "Application not present";
            }
      }

 public String updateAdhar(Requests req) {   Optional<Requests>
result  =
reqrepo.findById(req.getAdharid());
            if(result.isPresent()) {
      Requests p = result.get();
p.setAge(req.getAge());
                  p.setName(req.getName());
                  p.setAddress(req.getAddress());
reqrepo.saveAndFlush(p);
                  return "Aadhar Card Updation Requested";
            }else {
                  return "Aadhar not present";
            }
      }

      public Requests viewmyAdhar(String emailid) {
            return reqrepo.viewmyAdhar(emailid);
      }
}
```

Application.properties

```
spring.datasource.driver-class-name=com.mysql.cj.jdbc.Driver
spring.datasource.url=jdbc:mysql://localhost:3306/maadhar
spring.datasource.username=root
spring.datasource.password=rootpassword9
spring.jpa.hibernate.ddl-auto=update  server.port=9191
```

pom.xml

```
<?xml version="1.0" encoding="UTF-8"?>
<project xmlns="http://maven.apache.org/POM/4.0.0"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      xsi:schemaLocation="http://maven.apache.org/POM/4.0.0
https://maven.apache.org/xsd/maven-4.0.0.xsd">
      <modelVersion>4.0.0</modelVersion>
      <parent>
            <groupId>org.springframework.boot</groupId>
            <artifactId>spring-boot-starter-parent</artifactId>
            <version>2.6.12</version>
            <relativePath/> <!-- lookup parent from repository -->
      </parent>
      <groupId>com.example</groupId>
      <artifactId>mAadharbackend-app</artifactId>
      <version>0.0.1-SNAPSHOT</version>
      <name>mAadharbackend-app</name>
      <description>Demo project for Spring Boot</description>
      <properties>
            <java.version>1.8</java.version>
      </properties>
      <dependencies>
            <dependency>
                  <groupId>org.springframework.boot</groupId>
                  <artifactId>spring-boot-starter-data-jpa</artifactId>
            </dependency>
            <dependency>
                  <groupId>org.springframework.boot</groupId>
                  <artifactId>spring-boot-starter-web</artifactId>
            </dependency>
 <dependency>
    <groupId>io.github.bonigarcia</groupId>
    <artifactId>webdrivermanager</artifactId>
    <version>5.3.0</version>
</dependency>
            <dependency>
                  <groupId>org.springframework.boot</groupId>
                  <artifactId>spring-boot-devtools</artifactId>
                  <scope>runtime</scope>
                  <optional>true</optional>
            </dependency>
            <dependency>
                  <groupId>mysql</groupId>
                  <artifactId>mysql-connector-java</artifactId>
                  <scope>runtime</scope>
            </dependency>
            <dependency>
                  <groupId>org.springframework.boot</groupId>
                  <artifactId>spring-boot-starter-test</artifactId>
                  <scope>test</scope>
            </dependency>
            <dependency>
    <groupId>org.seleniumhq.selenium</groupId>
    <artifactId>selenium-java</artifactId>
    <version>4.2.1</version>
</dependency>
<dependency>
    <groupId>org.testng</groupId>
    <artifactId>testng</artifactId>
    <version>7.5</version>
    <scope>test</scope>
</dependency>
      </dependencies>

      <build>
            <plugins>
                  <plugin>
                        <groupId>org.springframework.boot</groupId>
                        <artifactId>spring-boot-maven-plugin</artifactId>
                  </plugin>
  </plugins>
      </build>

</project>
```

testing

MAadharbackendAppApplicationTests.java

```
package com;

import org.junit.jupiter.api.Test;

import org.springframework.boot.test.context.SpringBootTest;

@SpringBootTest
class MAadharbackendAppApplicationTests {

	@Test
	void contextLoads() {
	}

}
```

Loginservicetest.java

```
package com.mAadhar.testing;

import org.testng.annotations.Test;

import io.github.bonigarcia.wdm.WebDriverManager;

import org.testng.annotations.BeforeClass;
import org.testng.annotations.BeforeTest; import
org.openqa.selenium.WebDriver; import
org.openqa.selenium.chrome.ChromeDriver; import
org.ope~~nqa.selenium.chrome.ChromeOptions; import~~
org.tes~~tng.annotations.AfterClass; import~~
org.testng.annotations.AfterTest;


public class LoginServiceTest {
	WebDriver driver;
  @BeforeTest
  public void config() {
	  WebDriverManager.chromedriver().setup();
driver=new ChromeDriver();
		driver.manage().window().maximize();

  }
   @AfterTest   public void
afterClass() {
driver.close();
  }


@Test
```

```
  public void signInTest() {
driver.get("http://localhost:4200/login");

  }

@Test

  public void signUpTest() {
driver.get("http://localhost:4200/signup");

  }
}
```

Requestservicetest.java

```
package com.mAadhar.testing;

import org.testng.annotations.Test;

import io.github.bonigarcia.wdm.WebDriverManager;
 import org.testng.annotations.BeforeClass;
import ~~org.testng.annotations.BeforeTest;~~ import
org.openqa.selenium.WebDriver; import
org.openqa.selenium.chrome.ChromeDriver; import
org.openqa.selenium.chrome.ChromeOptions; import
org.tes~~tng.annotations.AfterClass; import~~
org.tes~~tng.annotations.AfterTest;~~


public class RequestServiceTest {
      WebDriver driver;

        @BeforeTest
public void config() {
              WebDriverManager.chromedriver().setup();
      driver=new ChromeDriver();
                  driver.manage().window().maximize();

        }
   @AfterTest   public void
afterClass() {
driver.close();
  }


@Test

  public void approveRequestTest() {
        driver.get("http://localhost:4200/approve");

  }

@Test

  public void denyRequestTest() {
        driver.get("http://localhost:4200/deny");

  }

@Test

  public void getAllRequestsTest() {
        driver.get("http://localhost:4200/veiwAll");

  }

@Test

  public void storeRequestTest() {
        driver.get("http://localhost:4200/apply");

  }

@Test

  public void updateAdharTest() {
driver.get("http://localhost:4200/updateaadhar");

  }

@Test
  public void viewmyAdharTest() {
driver.get("http://localhost:4200/viewmyadhar");

  }
}
```

Frontend

Index.html

```
<!doctype html>
<html lang="en">
<head>
  <meta charset="utf-8">
  <title>MAadharFrontend</title>
  <base href="/">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link rel="icon" type="image/x-icon" href="favicon.ico">
  <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 class="body">
  <app-root></app-root>
</body>
```

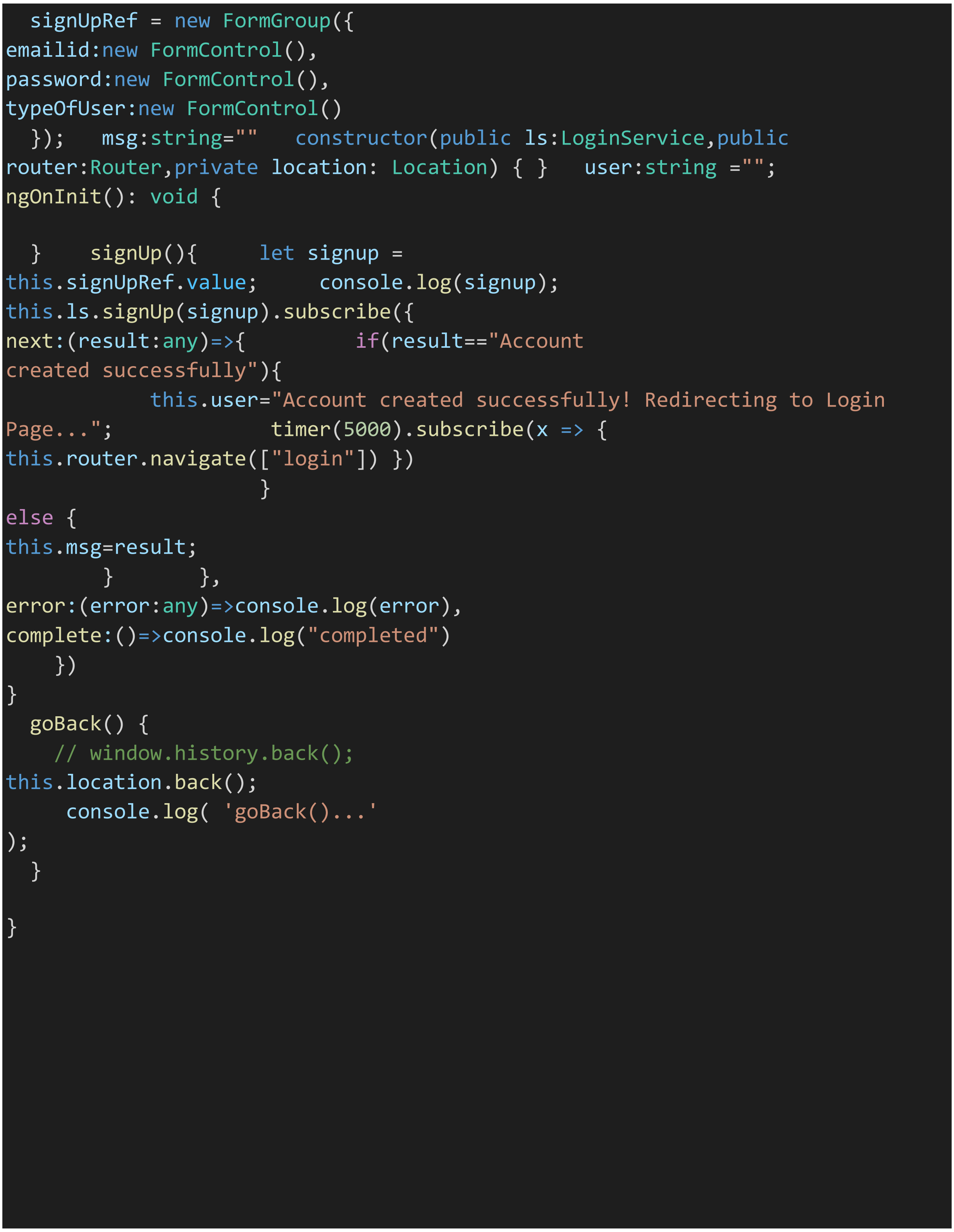
```
</html>
```

Signup.html

```
<div>
    <h3>Create Account</h3>
    <form [formGroup]="signUpRef" (ngSubmit)="signUp()">
        <label>EmailId </label>&nbsp;
        <input type="email" formControlName="emailid"/><br/><br>
        <label>Password </label>&nbsp;
        <input type="password" formControlName="password"/><br/><br>
        <label>Type Of User</label>&nbsp;&nbsp;&nbsp;
<input type="radio" name="typeOfUser" value="admin"
formControlName="typeOfUser"/>Admin&nbsp;
        <input type="radio" name="typeOfUser" value="user"
formControlName="typeOfUser"/>User<br/><br>
        <input type="submit" class="btn btn-success" value="SIGNUP">&nbsp;
        <input type="reset" class="btn btn-dark" value="RESET">
    </form>
    <a href="javascript:void(0)" (click)="goBack()">
        <-- Go to Login Page
      </a>
    <br/><br>
    <span style="color:red">{{msg}}</span>
    <span style="color:green;">{{user}}</span>
</div>
```

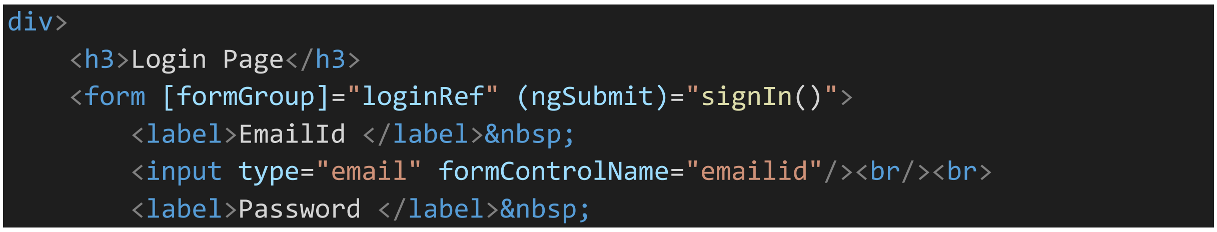
Signupcomponent.ts

```
import { Component, OnInit } from '@angular/core';
import {FormGroup,FormControl} from
'@angular/forms'; import { Router } from
'@angular/router'; import { LoginService } from
'../login.service'; import { timer } from 'rxjs';
import { Location } from '@angular/common';
@Component({   selector: 'app-signup',
templateUrl: './signup.component.html',
styleUrls: ['./signup.component.css']
}) export class SignupComponent implements
OnInit {
```



```
  signUpRef = new FormGroup({
emailid:new FormControl(),
password:new FormControl(),
typeOfUser:new FormControl()
  });   msg:string=""   constructor(public ls:LoginService,public
router:Router,private location: Location) { }   user:string ="";
ngOnInit(): void {

  }    signUp(){     let signup =
this.signUpRef.value;     console.log(signup);
this.ls.signUp(signup).subscribe({
next:(result:any)=>{         if(result=="Account
created successfully"){
            this.user="Account created successfully! Redirecting to Login
Page...";             timer(5000).subscribe(x => {
this.router.navigate(["login"]) })
                     }
else {
this.msg=result;
        }       },
error:(error:any)=>console.log(error),
complete:()=>console.log("completed")
    })
}
  goBack() {
    // window.history.back();
this.location.back();
     console.log( 'goBack()...'
);
  }

}
```

Login.html



```
div>
    <h3>Login Page</h3>
    <form [formGroup]="loginRef" (ngSubmit)="signIn()">
        <label>EmailId </label>&nbsp;
        <input type="email" formControlName="emailid"/><br/><br>
        <label>Password </label>&nbsp;
        <input type="password" formControlName="password"/><br/><br>
        <label>Type Of User</label>&nbsp;&nbsp;&nbsp;
<input type="radio" name="typeOfUser" value="admin"
formControlName="typeOfUser"/>Admin&nbsp;
        <input type="radio" name="typeOfUser" value="user"
formControlName="typeOfUser"/>User<br/><br>
        <input type="submit" class="btn btn-dark" value="SIGNIN">&nbsp;
        <input type="reset" class="btn btn-dark" value="RESET">
    </form>
    <p>New User? <a routerLink="/signup">Click Here</a></p>
<br/><br>
    <span style="color:rgb(13, 0, 255)">{{msg}}</span>
</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';
@Component({   selector: 'app-login',
templateUrl: './login.component.html',
styleUrls: ['./login.component.css']
}) export class LoginComponent implements
OnInit {   loginRef = new FormGroup({
emailid:new FormControl(),     password:new
FormControl(),     typeOfUser:new
FormControl()
  });
  msg:string=""

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

  ngOnInit(): void {

  }     signIn(){     let login = this.loginRef.value;
console.log(login);     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")
    })
  }
}
```

Admindashboard.html

```
<div>
    <h2>Welcome to home page admin {{user}}</h2>
    <a routerLink="viewReq" class="btn btn-primary">View All
Request</a>&nbsp;&nbsp;&nbsp;|&nbsp;&nbsp;&nbsp;
    <a routerLink="viewall" class="btn btn-primary">Display all issued Aadhaar
Card</a>
    <br/>
    <hr/>
        <router-outlet></router-outlet>
    <hr/>
    <br/>
    <input type="button" class="btn btn-dark" value="logout"
(click)="logout()"/>
</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(private
router:Router) { }
   ngOnInit(): void {     let obj =
sessionStorage.getItem("userDetails");
if(obj!=null){       this.user=obj;
    }   }   logout() {
sessionStorage.removeItem("userDetails");
   this.router.navigate(["login"]);
  }

}
```

Userdashboard.html

```
<div>
    <h4>Welcome to home page {{user}}</h4>
    <a routerLink="storeReq" class="btn btn-primary">Apply For New Aadhar
Card</a>&nbsp;&nbsp;&nbsp;&nbsp;|&nbsp;&nbsp;&nbsp;
    <a routerLink="view" class="btn btn-primary">View My Aadhar Card</a>
    <br/>
    <hr/>
        <router-outlet></router-outlet>
    <hr/>

    <br/>
    <input type="button" class="btn btn-dark" value="Apply For Duplicate Card"
(click)="applydup()"/>&nbsp;&nbsp;
    <input type="button" class="btn btn-dark" value="Apply For Close Adhar
Card" (click)="closeadhar()"/><br>
    <span style="color:green">{{close}}</span><br>
    <span style="color:green">{{msg}}</span><br><br>
    <input type="button" class="btn btn-dark" value="logout"
(click)="logout()"/>
</div>
```

Userdashboard.component.ts

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

@Component({
  selector: 'app-userdashboard',   templateUrl:
'./userdashboard.component.html',   styleUrls:
['./userdashboard.component.css']
}) export class UserdashboardComponent implements
OnInit {   user:string ="";   msg:string=""
close:string=""   constructor(private router:Router) {
}
   ngOnInit(): void {     let obj =
sessionStorage.getItem("userDetails");
if(obj!=null){       this.user=obj;
    }
  } logout()
  {
    sessionStorage.removeItem("userDetails");
    this.router.navigate(["login"]);
  }   applydup(){     this.msg="Application for Duplicate adhar of "+this.user+
" requested"   }    closeadhar(){     this.close="Application for Closing adhar
of "+this.user+ " requested"    }

}
```

Addrequest.html

```
<div>
```

```
    <h2>Apply for Aadhar Card</h2><br>
    <form [formGroup]="reqRef" (ngSubmit)="storeRequest()">
        <!-- <label>Adharid</label>
        <input type="text" formControlName="adharid"><br/> -->
<label>Email</label>&nbsp;&nbsp;
        <input type="text" formControlName="emailid"><br/><br>
        <label>Name</label>&nbsp;&nbsp;
        <input type="text" formControlName="name"><br/><br>
        <label>Age</label>&nbsp;&nbsp;&nbsp;&nbsp;
        <input type="number" formControlName="age"><br/><br>
        <label>Address</label>&nbsp;
        <input type="text" formControlName="address"><br/><br>         <input
type="submit" class="btn btn-success" value="APPLY"/>&nbsp;&nbsp;&nbsp;
        <input type="reset" class="btn btn-dark" value="RESET"/><br/>
</form><br/>
    <span style="color:red">{{storeMsg}}</span>
</div>
```

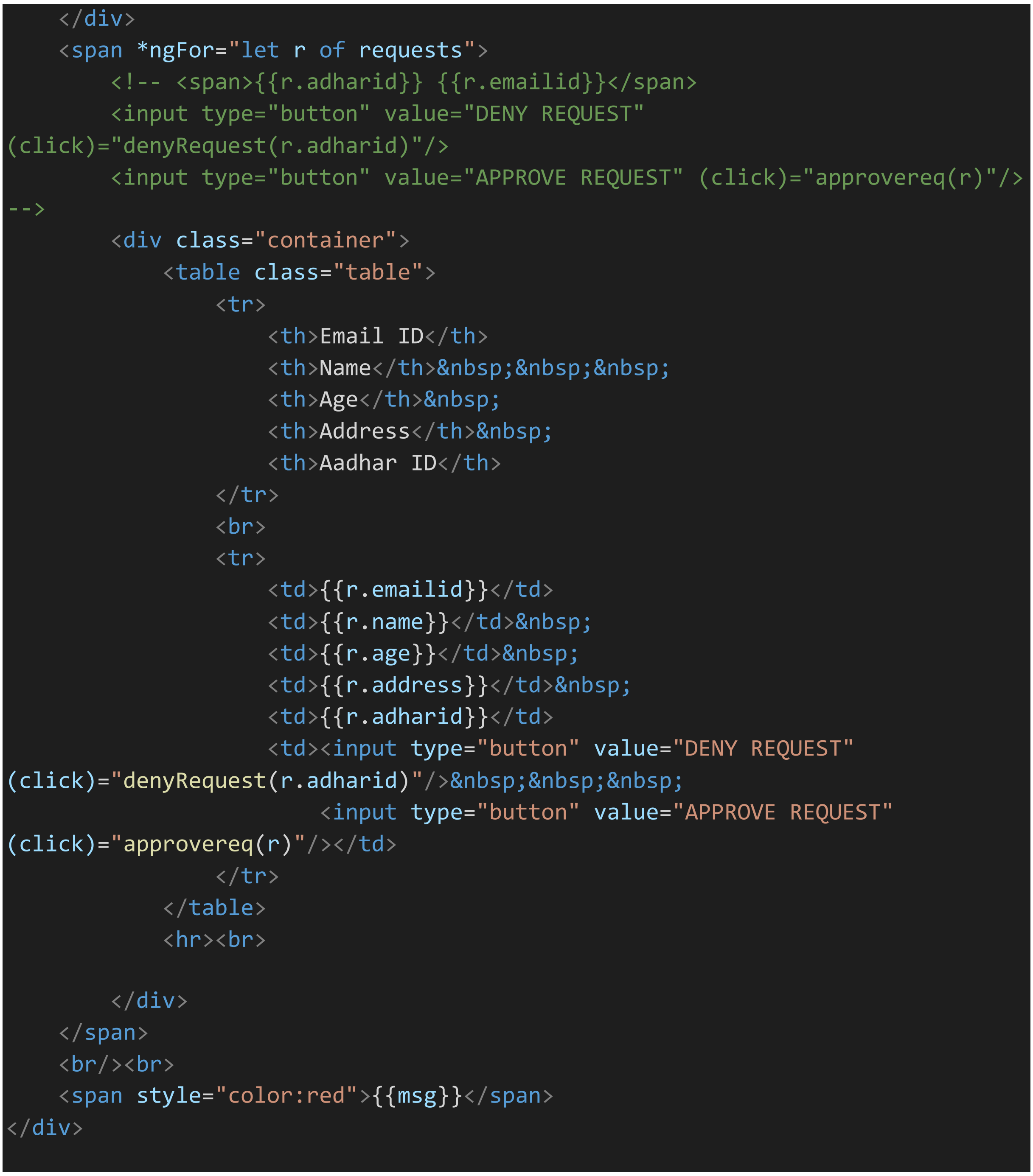
Addrequest.component.ts

```
   // adharid:new FormControl(),
  emailid:new FormControl(),   name:new
  FormControl(),
   age:new FormControl(),
address:new FormControl()
```

```
import { Component, OnInit } from '@angular/core';
import {FormGroup,FormControl} from '@angular/forms'
import { RequestsService } from
'../requests.service'; @Component({    selector: 'app-
add-request',    templateUrl: './add-
request.component.html',    styleUrls: ['./add-
request.component.css']
}) export class AddRequestComponent implements
OnInit {
 reqRef = new
FormGroup({
}) storeMsg :string =""
constructor(public rs:RequestsService) { }
   ngOnInit(): void
{
  }   storeRequest() {      let request =
this.reqRef.value;      console.log(request);
this.rs.storeRequest(request).subscribe({
next:(result:any)=>this.storeMsg=result,
error:(error:any)=>console.log(error),
complete:()=>console.log("completed")
    })
this.reqRef.reset();
  }
}
```

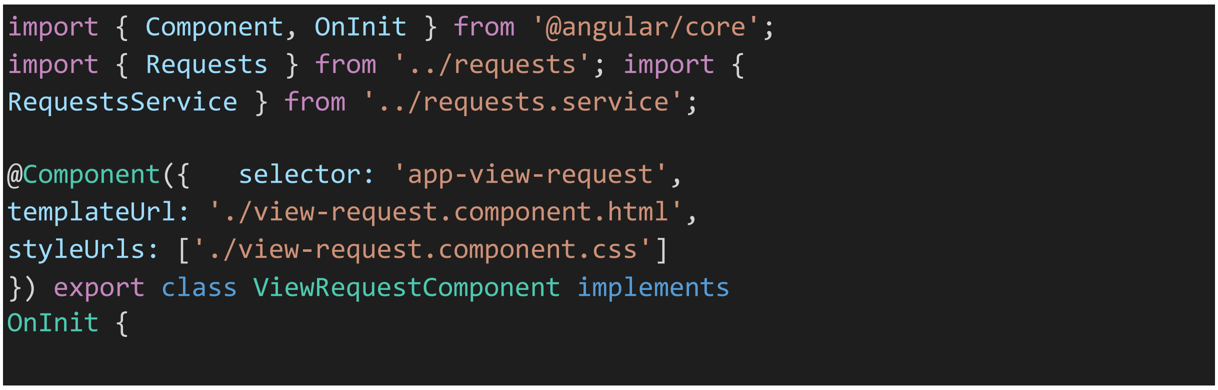
Viewrequest.html

```
<div>
    <div *ngIf="flag">
        <h2>Approve Application</h2><br>
        <form (ngSubmit)="saveReqtoDB()">
            <label>Adharid</label>             <input type="text"
name="adharid" [(ngModel)]="adharid"
readonly>&nbsp;&nbsp;&nbsp;&nbsp;
            <label>Email</label>
            <input type="text" name="emailid" [(ngModel)]="emailid"
readonly><br/><br>
            <label>Name</label>
            <input type="text" name="name" [(ngModel)]="name"
readonly>&nbsp;&nbsp;&nbsp;&nbsp;
            <label>Age</label>
            <input type="number" name="age" [(ngModel)]="age"
readonly>&nbsp;&nbsp;&nbsp;&nbsp;
            <label>Address</label>             <input type="text"
name="address" [(ngModel)]="address" readonly><br/><br>
            <input type="submit" class="btn btn-success" value="Approve
Request"/>&nbsp;&nbsp;
            <input type="reset" class="btn btn-dark" value="reset"/><br/>
</form><br/>
```

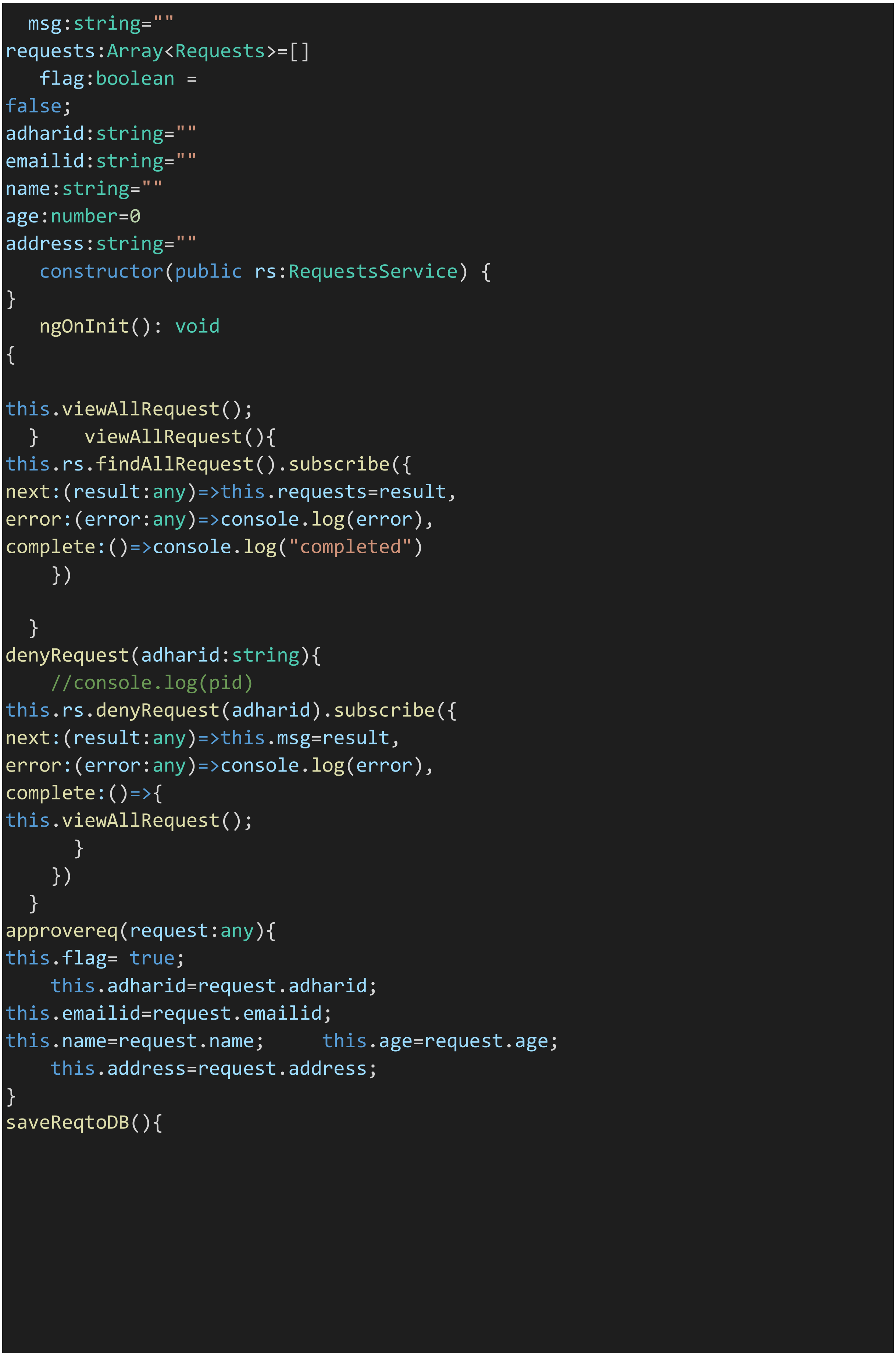


```
    </div>
    <span *ngFor="let r of requests">
        <!-- <span>{{r.adharid}} {{r.emailid}}</span>
        <input type="button" value="DENY REQUEST"
(click)="denyRequest(r.adharid)"/>
        <input type="button" value="APPROVE REQUEST" (click)="approvereq(r)"/>
-->
        <div class="container">
            <table class="table">
                <tr>
                    <th>Email ID</th>
                    <th>Name</th>&nbsp;&nbsp;&nbsp;
                    <th>Age</th>&nbsp;
                    <th>Address</th>&nbsp;
                    <th>Aadhar ID</th>
                </tr>
                <br>
                <tr>
                    <td>{{r.emailid}}</td>
                    <td>{{r.name}}</td>&nbsp;
                    <td>{{r.age}}</td>&nbsp;
                    <td>{{r.address}}</td>&nbsp;
                    <td>{{r.adharid}}</td>
                    <td><input type="button" value="DENY REQUEST"
(click)="denyRequest(r.adharid)"/>&nbsp;&nbsp;&nbsp;
                        <input type="button" value="APPROVE REQUEST"
(click)="approvereq(r)"/></td>
                </tr>
            </table>
            <hr><br>

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

Viewrequest.component.ts



```
import { Component, OnInit } from '@angular/core';
import { Requests } from '../requests'; import {
RequestsService } from '../requests.service';

@Component({   selector: 'app-view-request',
templateUrl: './view-request.component.html',
styleUrls: ['./view-request.component.css']
}) export class ViewRequestComponent implements
OnInit {
```



```
  msg:string=""
requests:Array<Requests>=[]
   flag:boolean =
false;
adharid:string=""
emailid:string=""
name:string=""
age:number=0
address:string=""
   constructor(public rs:RequestsService) {
}
   ngOnInit(): void
{

this.viewAllRequest();
  }    viewAllRequest(){
this.rs.findAllRequest().subscribe({
next:(result:any)=>this.requests=result,
error:(error:any)=>console.log(error),
complete:()=>console.log("completed")
    })

  }
denyRequest(adharid:string){
    //console.log(pid)
this.rs.denyRequest(adharid).subscribe({
next:(result:any)=>this.msg=result,
error:(error:any)=>console.log(error),
complete:()=>{
this.viewAllRequest();
      }
    })
  }
approvereq(request:any){
this.flag= true;
    this.adharid=request.adharid;
this.emailid=request.emailid;
this.name=request.name;     this.age=request.age;
    this.address=request.address;
}
saveReqtoDB(){
  let request =
{adharid:this.adharid,emailid:this.emailid,name:this.name,age:this.age,address
:this.address};
this.rs.approvereq(request).subscribe({
next:(result:any)=>this.msg=result,
error:(error:any)=>console.log(error),
complete:()=>{"completed"
    }   })
this.flag=false;
}
}
```

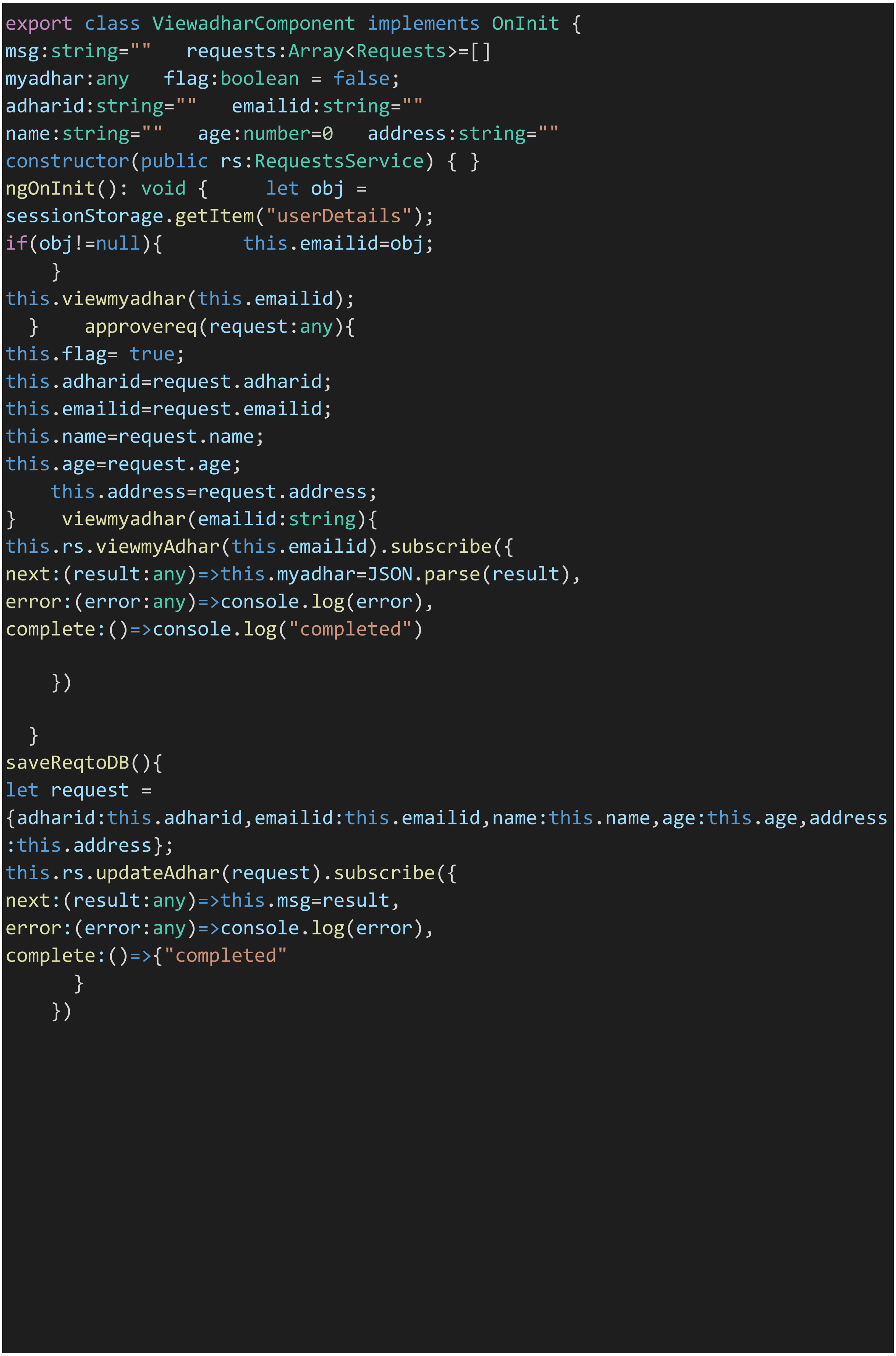
Viewaadhar.html

```
<div>
  <div>
    <img src="../../assets/adharimg.jpeg" alt="" srcset="" />
    <div class="">
      <h4>Name:&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;{{ myadhar.name }}</h4>
</div>
    <div class="">
      <h4>Age:&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;{{ myadhar.age }}</h4>
</div>
    <div class="">
      <h4>Address:&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;{{ myadhar.address }}</h4>
    </div>
    <div class="">
      <h6>
        &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;{{
myadhar.adharid
        }}
      </h6>
    </div>
  </div>
  <br />
  <span style="color: green">{{ msg }}</span
  ><br />    <input
type="button"
class="btn btn-dark"
value="Update My Aadhar"
    (click)="approvereq(myadhar)"
  /><br /><br />
  <div *ngIf="flag">
    <form (ngSubmit)="saveReqtoDB()">
      <label>Adharid</label>&nbsp;&nbsp;
      <input
```

```
        type="text"
name="adharid"
        [(ngModel)]="myadhar.adharid"
readonly
      />&nbsp;&nbsp;&nbsp; <label>Email</label>&nbsp;&nbsp;
      <input
type="text"
name="emailid"
        [(ngModel)]="myadhar.emailid"
readonly
      /><br /><br />
      <label>Name</label>&nbsp;&nbsp;
      <input
type="text"
name="name"
        [(ngModel)]="myadhar.name"
      />&nbsp;&nbsp;&nbsp; <label>Age</label>&nbsp;&nbsp;
      <input
type="number"
name="age"
        [(ngModel)]="myadhar.age"
      />&nbsp;&nbsp;&nbsp; <label>Address</label>&nbsp;&nbsp;
      <input
type="text"
name="address"
        [(ngModel)]="myadhar.address"
      /><br /><br />
      <input
type="submit"
class="btn btn-dark"
value="Update"
      />&nbsp;&nbsp;&nbsp;&nbsp;
      <input type="reset" class="btn btn-dark" value="reset" /><br />
    </form>
    <br />
  </div>
</div>
```

Viewaadhar.component.ts

```
import { Component, OnInit } from '@angular/core';
import { Requests } from '../requests'; import {
RequestsService } from '../requests.service';

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



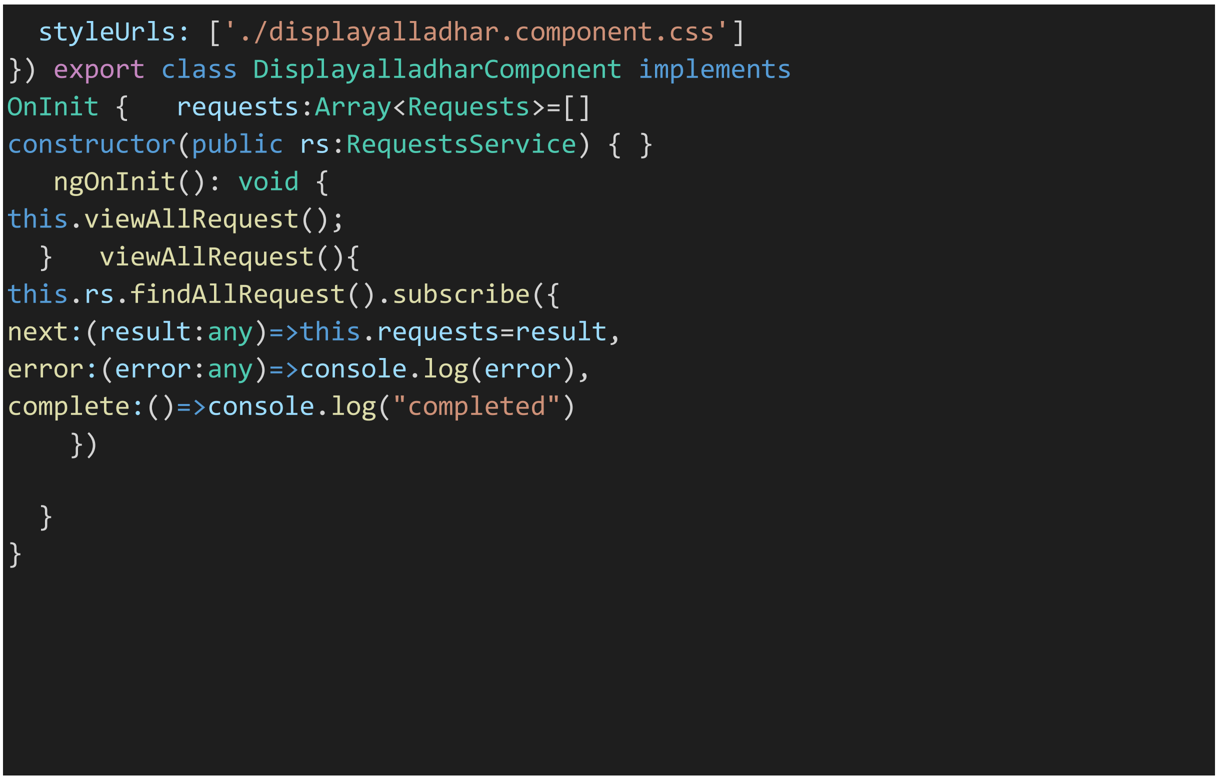
```
export class ViewadharComponent implements OnInit {
msg:string=""    requests:Array<Requests>=[]
myadhar:any    flag:boolean = false;
adharid:string=""    emailid:string=""
name:string=""    age:number=0    address:string=""
constructor(public rs:RequestsService) { }
ngOnInit(): void {      let obj =
sessionStorage.getItem("userDetails");
if(obj!=null){        this.emailid=obj;
    }
this.viewmyadhar(this.emailid);
  }    approvereq(request:any){
this.flag= true;
this.adharid=request.adharid;
this.emailid=request.emailid;
this.name=request.name;
this.age=request.age;
    this.address=request.address;
}     viewmyadhar(emailid:string){
this.rs.viewmyAdhar(this.emailid).subscribe({
next:(result:any)=>this.myadhar=JSON.parse(result),
error:(error:any)=>console.log(error),
complete:()=>console.log("completed")

    })

  }
saveReqtoDB(){
let request =
{adharid:this.adharid,emailid:this.emailid,name:this.name,age:this.age,address
:this.address};
this.rs.updateAdhar(request).subscribe({
next:(result:any)=>this.msg=result,
error:(error:any)=>console.log(error),
complete:()=>{"completed"
      }
    })
    this.flag=false;
  }

}
```

Displayall.html

```
<div>
    <span *ngFor="let r of requests">
        <!-- <span>{{r.adharid}} {{r.emailid}}</span>
        <input type="button" value="DENY REQUEST"
(click)="denyRequest(r.adharid)"/>
        <input type="button" value="APPROVE REQUEST" (click)="approvereq(r)"/>
-->
        <div class="container">
            <table class="table">
                <tr>
                    <th>Email ID</th>
                    <th>Name</th>&nbsp;&nbsp;&nbsp;
                    <th>Age</th>&nbsp;
                    <th>Address</th>&nbsp;
                    <th>Aadhar ID</th>
                </tr>

                <tr>
                    <td>{{r.emailid}}</td>
                    <td>{{r.name}}</td>&nbsp;
                    <td>{{r.age}}</td>&nbsp;
                    <td>{{r.address}}</td>&nbsp;
                    <td>{{r.adharid}}</td>
                    <td>
                        <input type="button" value="ISSUED AADHAR CARD"/></td>
                </tr>
            </table>
            <hr>
        </div>
    </span>

</div>
```

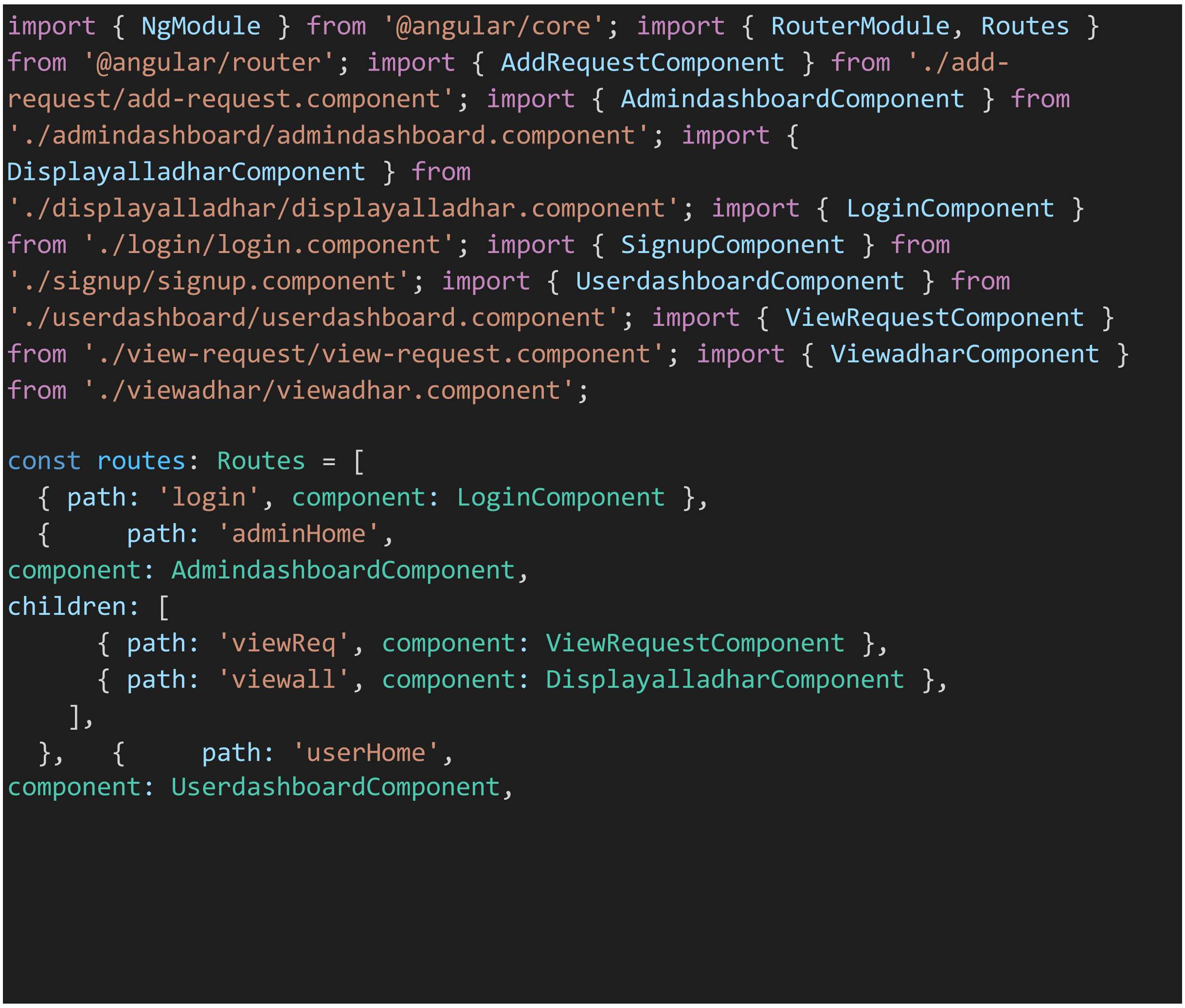
Displayall.component.ts

```
import { Component, OnInit } from '@angular/core';
import { Requests } from '../requests'; import {
RequestsService } from '../requests.service';

@Component({   selector: 'app-displayalladhar',
templateUrl: './displayalladhar.component.html',
```

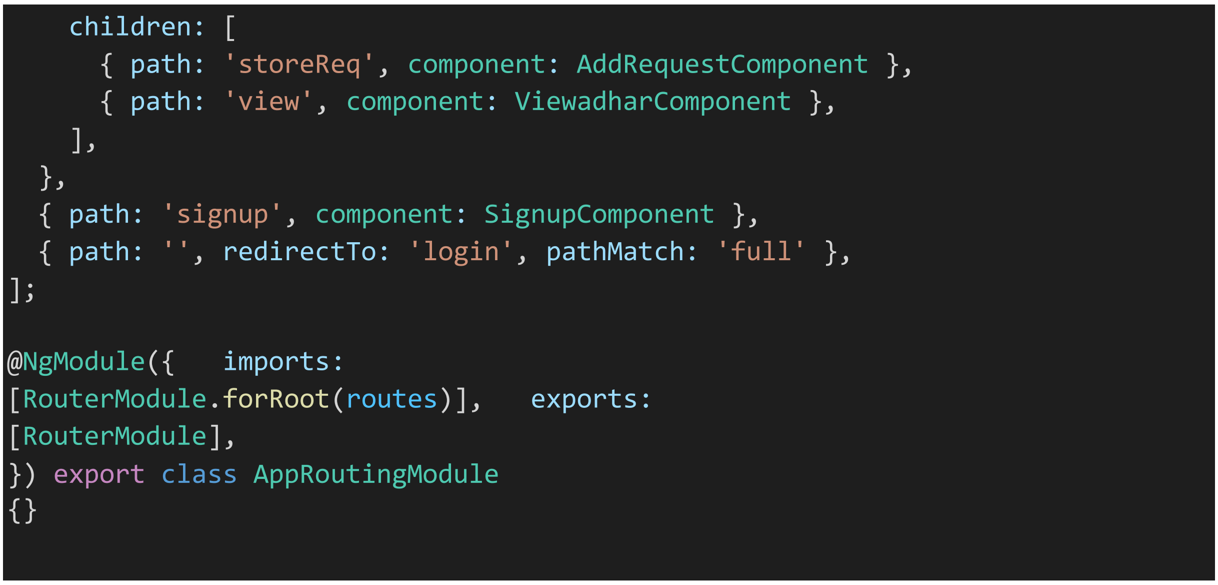


```
  styleUrls: ['./displayalladhar.component.css']
}) export class DisplayalladharComponent implements
OnInit {   requests:Array<Requests>=[]
constructor(public rs:RequestsService) { }
   ngOnInit(): void {
this.viewAllRequest();
  }   viewAllRequest(){
this.rs.findAllRequest().subscribe({
next:(result:any)=>this.requests=result,
error:(error:any)=>console.log(error),
complete:()=>console.log("completed")
    })

  }
}
```

App-routing.module.ts



```
import { NgModule } from '@angular/core'; import { RouterModule, Routes }
from '@angular/router'; import { AddRequestComponent } from './add-
request/add-request.component'; import { AdmindashboardComponent } from
'./admindashboard/admindashboard.component'; import {
DisplayalladharComponent } from
'./displayalladhar/displayalladhar.component'; import { LoginComponent }
from './login/login.component'; import { SignupComponent } from
'./signup/signup.component'; import { UserdashboardComponent } from
'./userdashboard/userdashboard.component'; import { ViewRequestComponent }
from './view-request/view-request.component'; import { ViewadharComponent }
from './viewadhar/viewadhar.component';

const routes: Routes = [
  { path: 'login', component: LoginComponent },
  {     path: 'adminHome',
component: AdmindashboardComponent,
children: [
      { path: 'viewReq', component: ViewRequestComponent },
      { path: 'viewall', component: DisplayalladharComponent },
    ],
  },   {     path: 'userHome',
component: UserdashboardComponent,
```



```
    children: [
      { path: 'storeReq', component: AddRequestComponent },
      { path: 'view', component: ViewadharComponent },
    ],
  },
  { path: 'signup', component: SignupComponent },
  { path: '', redirectTo: 'login', pathMatch: 'full' },
];

@NgModule({   imports:
[RouterModule.forRoot(routes)],   exports:
[RouterModule],
}) export class AppRoutingModule
{}
```