Header.html

<div class="navbg">

<nav class="navbar navbar-expand-lg navbar-light">

<a class="navbar-brand" href="#">Repositories</a>

<div class="collapse navbar-collapse" id="navbarNav">

<ul class="navbar-nav mr-auto">

<li class="nav-item active">

<a class="nav-link" href="#" router-link="/login">Profile<span class="sr-only">(current)</span></a>

</li>

<li class="nav-item">

<a class="nav-link" href="#">Pull Requests</a>

</li>

<li class="nav-item" style="float: end">

<a class="nav-link" href="#">Issues</a>

</li>

<li class="nav-item">

<a class="nav-link" href="#">MarketPlace</a>

</li>

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

<a class="nav-link disabled" href="#">Repository</a>

</li> -->

</ul>

<form class="form-inline my-2 my-lg-0">

<input class="form-control mr-sm-2" type="search" placeholder="Search" aria-label="Search">

<button class="btn btn btn-dark my-2 my-sm-0" type="submit">P</button>

</form>

</div>

</nav>

</div>

Header.component.html

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

@Component({

selector: 'app-header',

templateUrl: './header.component.html',

styleUrls: ['./header.component.css']

})

export class HeaderComponent implements OnInit {

constructor() { }

ngOnInit() {

}

}

[Home.component.ts](http://Home.component.ts)

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

@Component({

selector: 'app-home',

templateUrl: './home.component.html',

styleUrls: ['./home.component.css']

})

export class HomeComponent implements OnInit {

constructor() { }

ngOnInit() {

}

}

[Home.component.html](http://Home.component.html)

<app-header></app-header>

Login.component.html

<div class="text-right">

<!-- <small>If you are a first time user you need to signup first</small> -->

<nav>

<a routerLink="/register" style="color: white"> SignUp </a>

<!--<a [routerLink]='[{ outlets: { firstRouter: ["register"] } } ]'> SignUp</a>-->

</nav>

</div>

<form [formGroup]="loginForm" (ngSubmit)="onSubmit()" class="bg">

<label> LogIn </label>

<br>

<div class="form-group">

<input type="text" class="form-control" placeholder="User Name" formControlName="userName">

</div>

<div>

<input type="text" class="form-control" placeholder="Password" formControlName="password">

</div>

<br>

<div>

<button type="submit" [disabled]="loginForm.invalid" class="btn btn-primary">LogIn</button>

</div>

<br>

<!-- <small>If you are a first time user you need to signup first</small>

<nav>

<a routerLink="/register" style="font-style: italic"> SignUp </a>

</nav> -->

</form>

Login.component.ts

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

import { FormGroup , FormControl} from '@angular/forms';

import {Router} from '@angular/router';

import { UserAuthenticationService } from '../services/user-authentication.service';

@Component({

selector: 'app-login',

templateUrl: './login.component.html',

styleUrls: ['./login.component.css']

})

export class LoginComponent implements OnInit {

loginForm: FormGroup ;

constructor(private router: Router, public userAuth: UserAuthenticationService) { }

ngOnInit() {

this.loginForm = new FormGroup(

{

userName : new FormControl(),

password : new FormControl()

}

);

}

onSubmit() {

console.log(this.loginForm.value);

this.userAuth.getAuthenticated(this.loginForm.value);

this.router.navigate(['/home']);

}

}

Signup.component.html

<form [formGroup]="registerForm" (ngSubmit)="onSubmit(registerForm)" class="align-center">

<div class="form-group">

<input type="text" class="form-control" formControlName="firstName" placeholder="First Name">

</div>

<div class="form-group">

<input type="text" class="form-control" formControlName="lastName" placeholder="Last Name">

</div>

<div class="form-group">

<input type="text" class="form-control" formControlName="userName" placeholder="User Name">

</div>

<div class="form-group">

<input type="text" class="form-control" formControlName="password" placeholder="Password">

</div>

<small id="passwordHelpBlock" class="form-text text-muted">

Your password must be 8-20 characters long, contain letters, numbers and special characters.

</small>

<button type="submit" class="btn btn-primary">SignUp</button>

<!--<button mat-raised-button color="primary" routerLink="/login">SignUp</button>-->

<!--<a routerLink="/register" routerLinkActive="active" class="btn btn-primary" role="button">Sing Up</a>-->

</form>

Signup.component.ts

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

import { FormGroup , FormControl, Validators} from '@angular/forms';

import {Router} from '@angular/router';

import { SignUpService } from '../services/signup.service';

@Component({

selector: 'app-signup',

templateUrl: './signup.component.html',

styleUrls: ['./signup.component.css']

})

export class SignupComponent implements OnInit {

constructor(public router: Router , public signup: SignUpService) { }

registerForm: FormGroup ;

submitted = false;

ngOnInit() {

this.registerForm = new FormGroup(

{

firstName : new FormControl('', Validators.required),

lastName : new FormControl('', Validators.required),

userName : new FormControl('', Validators.required),

password : new FormControl('', Validators.required)

}

);

}

onSubmit(registerForm) {

this.signup.savesignUpdetails(registerForm.value);

console.log(registerForm.value);

this.router.navigate(['/login']);

}

get f() { return this.registerForm.controls; }

}

Signup.service.ts

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

import {HttpClient, HttpHeaders} from '@angular/common/http';

const httpOptions = {

headers: new HttpHeaders({

'Content-Type': 'application/json',

'Authorization': 'my-auth-token'

})

};

@Injectable({

providedIn: 'root'

})

export class SignUpService {

constructor(private http: HttpClient) { }

savesignUpdetails(registerForm) {

this.http.post('http://localhost:8000/saveDetails', registerForm, httpOptions).subscribe(res =>

console.log(res));

}

}

User-authentication.servie.ts

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

import {HttpClient, HttpHeaders} from '@angular/common/http';

const httpOptions = {

headers: new HttpHeaders({

'Content-Type': 'application/json',

'Authorization': 'my-auth-token'

})

};

@Injectable({

providedIn: 'root'

})

export class UserAuthenticationService {

constructor(private http: HttpClient) { }

getAuthenticated(formdata) {

this.http.post('', formdata, httpOptions);

}

}

App.component.ts

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

@Component({

selector: 'app-root',

templateUrl: './app.component.html',

styleUrls: ['./app.component.css']

})

export class AppComponent {

title = 'ProjectDemo';

}

App.component.html

<!--The content below is only a placeholder and can be replaced.-->

<div class="bg-image">

<div style="text-align:center">

<h4>

Welcome to {{ title }}!

</h4>

<router-outlet></router-outlet>

</div>