**Code:**

**Login.html**

<mat-card>

<mat-card-header>

<h2>User Login</h2>

</mat-card-header>

<mat-card-content>

<form class="example-form" [formGroup]="loginform" (ngSubmit)="proceedlogin()">

<mat-form-field class="example-full-width">

<mat-label>Username</mat-label>

<input matInput formControlName="id" >

</mat-form-field>

<mat-form-field class="example-full-width">

<mat-label>Password</mat-label>

<input matInput type="password" formControlName="password" >

</mat-form-field>

<div>

<button mat-raised-button color="primary">Login</button>

<a routerLink="/register" mat-raised-button color="accent">New User?</a>

</div>

</form>

</mat-card-content>

</mat-card>

**Login.ts**

import { ComponentFixture, TestBed } from '@angular/core/testing';

import { LoginComponent } from './login.component';

describe('LoginComponent', () => {

let component: LoginComponent;

let fixture: ComponentFixture<LoginComponent>;

beforeEach(async () => {

await TestBed.configureTestingModule({

declarations: [ LoginComponent ]

})

.compileComponents();

fixture = TestBed.createComponent(LoginComponent);

component = fixture.componentInstance;

fixture.detectChanges();

});

it('should create', () => {

expect(component).toBeTruthy();

});

});

**Register.html**

<mat-card>

<mat-card-header>

<h2>Registeration</h2>

</mat-card-header>

<mat-card-content>

<form class="example-form" [formGroup]="registerform" (ngSubmit)="proceedregister()">

<mat-form-field class="example-full-width">

<mat-label>Username</mat-label>

<input matInput formControlName="id" >

</mat-form-field>

<mat-form-field class="example-full-width">

<mat-label>Name</mat-label>

<input matInput formControlName="name" >

</mat-form-field>

<mat-form-field class="example-full-width">

<mat-label>Password</mat-label>

<input type="password" matInput formControlName="password" >

</mat-form-field>

<mat-form-field class="example-full-width">

<mat-label>Email</mat-label>

<input matInput formControlName="email" >

</mat-form-field>

<mat-radio-group formControlName="gender" aria-label="Select an option">

<mat-radio-button value="male">Male</mat-radio-button>

<mat-radio-button value="female">Female</mat-radio-button>

</mat-radio-group>

<div>

<button mat-raised-button color="primary">Submit</button>

<a routerLink="/login" mat-raised-button color="accent">Back to Login</a>

</div>

</form>

</mat-card-content>

</mat-card>

**Register.ts**

import { ComponentFixture, TestBed } from '@angular/core/testing';

import { RegisterComponent } from './register.component';

describe('RegisterComponent', () => {

let component: RegisterComponent;

let fixture: ComponentFixture<RegisterComponent>;

beforeEach(async () => {

await TestBed.configureTestingModule({

declarations: [ RegisterComponent ]

})

.compileComponents();

fixture = TestBed.createComponent(RegisterComponent);

component = fixture.componentInstance;

fixture.detectChanges();

});

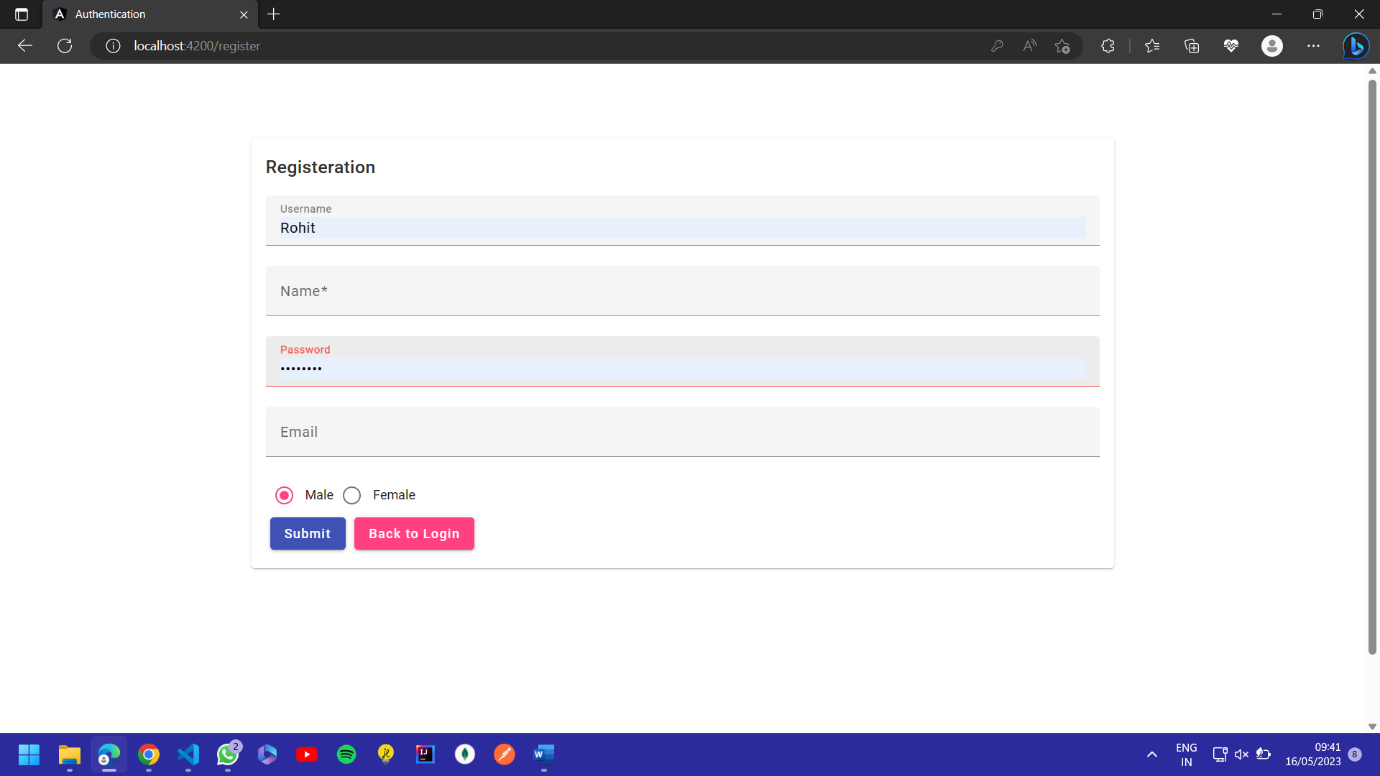
it('should create', () => {

expect(component).toBeTruthy();

});

});

**OUTPUT:**

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