

Code

1. register-user.component.html

```
<div class="login-page">
  <mat-card class="mat-elevation-z12">
    <mat-card-title style="text-align:center;">SignIn/SignUp</mat-card-title>
    <mat-tab-group mat-stretch-tabs class="example-stretched-tabs">
      <mat-tab label="Sign In">
        <mat-card-content>
          <form action="">
            <mat-form-field>
              <input
                matInput
                placeholder="Email"
                required
                name="email"
                ngModel
                #email="ngModel">
              <mat-error *ngIf="email.invalid">Email is required</mat-error>
              <mat-icon matSuffix>email</mat-icon>
            </mat-form-field>
            <mat-form-field>
              <input
                matInput
                placeholder="Password"
                type="password"
                required
                minlength="6"
                name="password"
                ngModel
                #password="ngModel">
              <mat-error
                *ngIf="password.errors">
                Password is required
              </mat-error>
              <mat-error
                *ngIf="password.errors">
                Password must be of length 6
              </mat-error>
              <mat-icon matSuffix>lock</mat-icon>
            </mat-form-field>
            <mat-checkbox>Remember Me!</mat-checkbox>
            <button
              mat-raised-button
              color="primary"
              class="login-button">
              Sign In
            </button>
```

```

        <button
            mat-raised-button
            class="login-button">
            Login with Google
        </button>
    </form>
</mat-card-content>
</mat-tab>
<mat-tab label="Sign Up">
    <mat-card-content>
        <form action="">
            <mat-form-field>
                <input
                    matInput
                    placeholder="User Name"
                    required
                    name="username"
                    ngModel
                    #username="ngModel">
                <mat-icon matSuffix>perm_identity</mat-icon>
                <mat-error
                    *ngIf="username.invalid">
                    Username is required
                </mat-error>

            </mat-form-field>
            <mat-form-field>
                <input
                    matInput
                    placeholder="Email"
                    required
                    name="email"
                    ngModel
                    #email="ngModel">
                <mat-error *ngIf="email.invalid">Email is required</mat-error>
                <mat-icon matSuffix>email</mat-icon>
            </mat-form-field>
            <mat-form-field>
                <input
                    matInput
                    placeholder="Password"
                    type="password"
                    required
                    minlength="6"
                    name="password"
                    ngModel
                    #password="ngModel">
                <mat-error
                    *ngIf="password.errors">

```

```

        Password is required
      </mat-error>
    <mat-error
      *ngIf="password.errors">
      Password must be of length 6
    </mat-error>
    <mat-icon matSuffix>lock</mat-icon>

  </mat-form-field>
  <mat-form-field>
    <input
      matInput
      placeholder="Password"
      type="password"
      required
      minlength="6"
      name="repassword"
      ngModel
      #repassword="ngModel">
    <mat-error
      *ngIf="repassword.errors">
      Re-Enter Password is required
    </mat-error>
    <mat-icon matSuffix>lock</mat-icon>
  </mat-form-field>
  <button
    mat-raised-button
    color="primary"
    class="login-button">
    Sign Up
  </button>
</form>
</mat-card-content>
</mat-tab>
</mat-tab-group>
</mat-card>
</div>

```

2. register-user.component.css

```

.login-page {
  top: 0;
  margin: 0;
  padding: 0;
  width: 100%;
  height: 100%;
  display: block;
  background-color: #303F9F;
  background-position: center;
}

```

```
    background-repeat: no-repeat;
    background-size: cover;
    overflow: hidden;
}
```

```
mat-card {
    width: 30%;
    margin: 10% auto;
    border-radius: 8px;
}
```

```
mat-form-field, mat-checkbox {
    width: 80%;
    display: block;
    margin: auto;
}
```

```
mat-card-content {
    margin-top: 20px;
}
```

```
.login-button {
    margin-top: 20px;
    display: block;
    width: 80%;
    margin: 20px auto;
}
```

3. app.module.ts

```
import { BrowserModule } from '@angular/platform-browser';
import { NgModule } from '@angular/core';

import { FormsModule } from '@angular/forms';
import { MatButtonModule } from '@angular/material/button';
import { MatFormFieldModule } from '@angular/material/form-field';
import { MatCardModule } from '@angular/material/card';
import { MatTabsModule } from '@angular/material/tabs';
import { MatInputModule } from '@angular/material/input';
import { MatCheckboxModule } from '@angular/material/checkbox';
import { MatIconModule } from '@angular/material/icon';
import { AppComponent } from './app.component';
import { BrowserAnimationsModule } from '@angular/platform-browser/animations';
import { RegisterUserComponent } from './register-user/register-user.component';
import { AnimationGroupPlayer } from '@angular/animations';
@NgModule({
  declarations: [
    AppComponent,
    RegisterUserComponent
  ],
  imports: [
```

```

    BrowserModule,
    BrowserAnimationsModule,
    FormsModule,
    MatInputModule,
    MatCardModule,
    MatTabsModule,
    MatFormFieldModule,
    MatButtonModule,
    MatCheckboxModule,
    MatIconModule
  ],
  providers: [],
  bootstrap: [AppComponent]
})
export class AppModule { }

```

4. app.component.spec.ts

```

import { TestBed } from '@angular/core/testing';
import { RouterTestingModule } from '@angular/router/testing';
import { AppComponent } from './app.component';

describe('AppComponent', () => {
  beforeEach(async () => {
    await TestBed.configureTestingModule({
      imports: [
        RouterTestingModule
      ],
      declarations: [
        AppComponent
      ],
    }).compileComponents();
  });

  it('should create the app', () => {
    const fixture = TestBed.createComponent(AppComponent);
    const app = fixture.componentInstance;
    expect(app).toBeTruthy();
  });

  it(`should have as title 'angular-login'`, () => {
    const fixture = TestBed.createComponent(AppComponent);
    const app = fixture.componentInstance;
    expect(app.title).toEqual('angular-login');
  });

  it('should render title', () => {
    const fixture = TestBed.createComponent(AppComponent);
    fixture.detectChanges();
  });

```

```

const compiled = fixture.nativeElement as HTMLElement;
expect(compiled.querySelector('.content span')?.textContent).toContain('angular-
login app is running!');
});
});

```

Output

