**Logincomponent.html**

<div class="col-md-6 col-md-offset-3">

    <h2>Login</h2>

    <div class="jumbotran">

        <form [formGroup]="LoginForm" (ngSubmit)="doLogin()">

            <div >

             <label for="email"><b>Email</b></label><br>

             <input type="text" placeholder="Enter Email" name="email" id="email" required>

             <div \*ngIf="!loginForm.get('UserName')?.valid && (loginForm.get('UserName')?.dirty

             || loginForm.get('UserName')?.touched)" class="error">

       <div \*ngIf="loginForm.get('UserName').errors.required" >

        <small class="text-danger">User Name is required</small>

       </div>

       <div \*ngIf="loginForm.get('UserName').errors.email">

           <small class="text-danger">invalid User Name</small>

       </div>

     </div>

            </div><br>

            <div>

                <label for="Password"><b>Password</b></label><br>

                 <input type="Password" placeholder="Enter password" name="psw" id="psw" required>

            </div>  <br>

             <button class="btn btn-danger" type="Sign in">Sign in</button>&nbsp;&nbsp;

             <button class="btn btn-danger" type="Cancel">Reset</button><br><br>

             <input type="checkbox" checked="checked">Remember me<br><br>

             <a href="#!/New User?Register" class="btn btn-link">New User? Register</a><br><br>

             <a href="#!/Forgot Password" class="btn btn-link">Forgot Password</a>

        </form>

    </div>

</div>

<h2 class="text text-danger">{{err}}</h2>

**Logincomponent.ts**

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

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

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

@Component({

  selector: 'app-login',

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

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

})

export class LoginComponent implements OnInit {

  loginForm:FormGroup;

  constructor(private router:Router) {

    this.loginForm=new FormGroup({

      mailid:new FormControl(null,[Validators.required,Validators.email]),

      password:new  FormControl(null,Validators.required)

    });

   }

**Approuting.module.ts**

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

import { Routes, RouterModule } from '@angular/router';

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

const routes: Routes = [

  {path:'',component:LoginComponent}

];

@NgModule({

  imports: [RouterModule.forRoot(routes)],

  exports: [RouterModule]

})

export class AppRoutingModule { }

**appcomponent.html**

<div class="mainpage">

  <router-outlet></router-outlet>

</div>

**Appcomponent.ts**

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

@Component({

  selector: 'app-root',

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

  styleUrls: ['./app.component.css']

})

export class AppComponent {

  title = 'prjapplication';

}

**Appmodule.ts**

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

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

import {ReactiveFormsModule} from '@angular/forms';

import{FormsModule} from '@angular/forms';

import { AppRoutingModule } from './app-routing.module';

import { AppComponent } from './app.component';

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

@NgModule({

  declarations: [

    AppComponent,

    LoginComponent,

  ],

  imports: [

    BrowserModule,

    AppRoutingModule,

    FormsModule,

    ReactiveFormsModule

  ],

  providers: [],

  bootstrap: [AppComponent]

})

export class AppModule { }

**index.html**

<!doctype html>

<html lang="en">

<head>

  <meta charset="utf-8">

  <title>Prjapplication</title>

  <base href="/">

  <meta name="viewport" content="width=device-width, initial-scale=1">

  <link rel="icon" type="image/x-icon" href="favicon.ico">

  <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">

  <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>

  <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>

  <script src="js/scripts.js"></script>

</head>

<body>

  <app-root></app-root>

</body>

</html>