**ASSIGNMENT – 2**

**Using FLASK a registration form**

**app.py**

from flask import Flask,render\_template

app = Flask(\_\_name\_\_)

@app.route("/")

def home():

return render\_template('home.html')

@app.route("/signin")

def signin():

return render\_template('signin.html')

@app.route("/signup")

def signup():

return render\_template('signup.html')

@app.route("/about")

def about():

return render\_template('about.html')

**about.html**

|  |
| --- |
| <html> |
|  |  |
|  | <head> |
|  | <title>About page</title> |
|  | </head> |
|  |  |
|  | <body> |
|  | <p>About document</p> |
|  | <div class="jumbotron"> |
|  | <h1 class="display-4">Hello, world!</h1> |
|  | <p class="lead">This is a simple hero unit, a simple jumbotron-style component for calling extra attention to featured content or information.</p> |
|  | <hr class="my-4"> |
|  | <p>It uses utility classes for typography and spacing to space content out within the larger container.</p> |
|  | <p class="lead"> |
|  | <a class="btn btn-primary btn-lg" href="/" role="button">Home</a> |
|  | </p> |
|  | </div> |
|  | </body>  </html> |

**base.html**

|  |
| --- |
| <!DOCTYPE html> |
|  | <html lang="en"> |
|  | <head> |
|  |  |
|  | <meta charset="UTF-8"> |
|  | <meta http-equiv="X-UA-Compatible" content="IE=edge"> |
|  | <meta name="viewport" content="width=device-width, initial-scale=1.0"> |
|  | <meta name="viewport" content="width=device-width, initial-scale=1.0"> |
|  | <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-iYQeCzEYFbKjA/T2uDLTpkwGzCiq6soy8tYaI1GyVh/UjpbCx/TYkiZhlZB6+fzT" crossorigin="anonymous"> |
|  | <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/js/bootstrap.bundle.min.js" integrity="sha384-u1OknCvxWvY5kfmNBILK2hRnQC3Pr17a+RTT6rIHI7NnikvbZlHgTPOOmMi466C8" crossorigin="anonymous"></script> |
|  |  |
|  | </head> |
|  | <body> |
|  | <nav class="navbar navbar-expand-lg navbar-light bg-light"> |
|  | <div class="container-fluid"> |
|  | <a class="navbar-brand" href="/">Flask project</a> |
|  | <button |
|  | class="navbar-toggler" |
|  | type="button" |
|  | data-bs-toggle="collapse" |
|  | data-bs-target="#navbarNav" |
|  | aria-controls="navbarNav" |
|  | aria-expanded="false" |
|  | aria-label="Toggle navigation" |
|  | > |
|  | <span class="navbar-toggler-icon"></span> |
|  | </button> |
|  | <div class="collapse navbar-collapse" id="navbarNav"> |
|  | <ul class="navbar-nav"> |
|  | <li class="nav-item"> |
|  | <a class="nav-link" href="/" href="#">Home</a> |
|  | </li> |
|  | <li class="nav-item"> |
|  | <a class="nav-link" href="/about">About</a> |
|  | </li> |
|  | <li class="nav-item"> |
|  | <a class="nav-link" href="/signin">Sign in</a> |
|  | </li> |
|  | <li class="nav-item"> |
|  | <a class="nav-link" href="/signup">Sign up</a> |
|  | </li> |
|  | </ul> |
|  | </div> |
|  | </div> |
|  | </nav> |
|  |  |
|  | {% block body %} {% endblock %} |
|  | </body> |
|  | </html> |

**home.html**

|  |
| --- |
| <html> |
|  |  |
|  | <head> |
|  | <title>Homepage</title> |
|  | </head> |
|  |  |
|  | <block body> |
|  |  |
|  | <p>Home document</p> |
|  | <header class="bg-dark py-5"> |
|  | <div class="container px-5"> |
|  | <div class="row gx-5 justify-content-center"> |
|  | <div class="col-lg-6"> |
|  | <div class="text-center my-5"> |
|  | <h1 class="display-5 fw-bolder text-white mb-2">Present your business in a whole new way</h1> |
|  | <p class="lead text-white-50 mb-4">Quickly design and customize responsive mobile-first sites with Bootstrap, the world’s most popular front-end open source toolkit!</p> |
|  | <div class="d-grid gap-3 d-sm-flex justify-content-sm-center"> |
|  | <a class="btn btn-primary btn-lg px-4 me-sm-3" href="#features">Get Started</a> |
|  | <a class="btn btn-outline-light btn-lg px-4" href="#!">Learn More</a> |
|  | </div> |
|  | </div> |
|  | </div> |
|  | </div> |
|  | </div> |
|  | </header> |
|  | </body>  </html> |

**Signin.html**

|  |
| --- |
| <html> |
|  | {% block body %} |
|  |  |
|  | <style> |
|  | .divider:after, |
|  | .divider:before { |
|  | content: ""; |
|  | flex: 1; |
|  | height: 1px; |
|  | background: #eee; |
|  | } |
|  | .h-custom { |
|  | height: calc(100% - 73px); |
|  | } |
|  | @media (max-width: 450px) { |
|  | .h-custom { |
|  | height: 100%; |
|  | } |
|  | } |
|  | </style> |
|  | <section class="vh-100"> |
|  | <div class="container-fluid h-custom"> |
|  | <div class="row d-flex justify-content-center align-items-center h-100"> |
|  | <div class="col-md-9 col-lg-6 col-xl-5"> |
|  | <img src="https://mdbcdn.b-cdn.net/img/Photos/new-templates/bootstrap-login-form/draw2.webp" |
|  | class="img-fluid" alt="Sample image"> |
|  | </div> |
|  | <div class="col-md-8 col-lg-6 col-xl-4 offset-xl-1"> |
|  | <form> |
|  | <!-- Email input --> |
|  | <div class="form-outline mb-4"> |
|  | <input type="email" id="form3Example3" class="form-control form-control-lg" |
|  | placeholder="Enter a valid email address" /> |
|  | <label class="form-label" for="form3Example3">Email address</label> |
|  | </div> |
|  |  |
|  | <!-- Password input --> |
|  | <div class="form-outline mb-3"> |
|  | <input type="password" id="form3Example4" class="form-control form-control-lg" |
|  | placeholder="Enter password" /> |
|  | <label class="form-label" for="form3Example4">Password</label> |
|  | </div> |
|  |  |
|  | <div class="d-flex justify-content-between align-items-center"> |
|  | <!-- Checkbox --> |
|  | <div class="form-check mb-0"> |
|  | <input class="form-check-input me-2" type="checkbox" value="" id="form2Example3" /> |
|  | <label class="form-check-label" for="form2Example3"> |
|  | Remember me |
|  | </label> |
|  | </div> |
|  | <a href="#!" class="text-body">Forgot password?</a> |
|  | </div> |
|  |  |
|  | <div class="text-center text-lg-start mt-4 pt-2"> |
|  | <button type="button" class="btn btn-primary btn-lg" |
|  | style="padding-left: 2.5rem; padding-right: 2.5rem;">Login</button> |
|  | <p class="small fw-bold mt-2 pt-1 mb-0">Don't have an account? <a href="#!" |
|  | class="link-danger">Register</a></p> |
|  | </div> |
|  |  |
|  | </form> |
|  | </div> |
|  | </div> |
|  | </div> |
|  | <div |
|  | class="d-flex flex-column flex-md-row text-center text-md-start justify-content-between py-4 px-4 px-xl-5 bg-primary"> |
|  | <!-- Copyright --> |
|  | <div class="text-white mb-3 mb-md-0"> |
|  | Copyright © 2022. All rights reserved. |
|  | </div> |
|  | <!-- Copyright --> |
|  |  |
|  |  |
|  | <!-- Right --> |
|  | </div> |
|  | </section> |
|  | </body>  </html> |
|  |  |
|  |  |

**signup.html**

|  |
| --- |
| <html> |
|  | {% block body %} |
|  | <!-- Section: Design Block --> |
|  |  |
|  | <section class="background-radial-gradient overflow-hidden"> |
|  | <style> |
|  | .background-radial-gradient { |
|  | background-color: hsl(218, 41%, 15%); |
|  | background-image: radial-gradient(650px circle at 0% 0%, |
|  | hsl(218, 41%, 35%) 15%, |
|  | hsl(218, 41%, 30%) 35%, |
|  | hsl(218, 41%, 20%) 75%, |
|  | hsl(218, 41%, 19%) 80%, |
|  | transparent 100%), |
|  | radial-gradient(1250px circle at 100% 100%, |
|  | hsl(218, 41%, 45%) 15%, |
|  | hsl(218, 41%, 30%) 35%, |
|  | hsl(218, 41%, 20%) 75%, |
|  | hsl(218, 41%, 19%) 80%, |
|  | transparent 100%); |
|  | } |
|  |  |
|  | #radius-shape-1 { |
|  | height: 220px; |
|  | width: 220px; |
|  | top: -60px; |
|  | left: -130px; |
|  | background: radial-gradient(#44006b, #ad1fff); |
|  | overflow: hidden; |
|  | } |
|  |  |
|  | #radius-shape-2 { |
|  | border-radius: 38% 62% 63% 37% / 70% 33% 67% 30%; |
|  | bottom: -60px; |
|  | right: -110px; |
|  | width: 300px; |
|  | height: 300px; |
|  | background: radial-gradient(#44006b, #ad1fff); |
|  | overflow: hidden; |
|  | } |
|  |  |
|  | .bg-glass { |
|  | background-color: hsla(0, 0%, 100%, 0.9) !important; |
|  | backdrop-filter: saturate(200%) blur(25px); |
|  | } |
|  | </style> |
|  |  |
|  | <div class="container px-4 py-5 px-md-5 text-center text-lg-start my-5"> |
|  | <div class="row gx-lg-5 align-items-center mb-5"> |
|  |  |
|  | <div class="col-md-9 col-lg-6 col-xl-5"> |
|  | <img src="https://mdbcdn.b-cdn.net/img/Photos/new-templates/bootstrap-login-form/draw2.webp" |
|  | class="img-fluid" alt="Sample image"> |
|  | </div> |
|  |  |
|  | <div class="col-lg-6 mb-5 mb-lg-0 position-relative"> |
|  | <div id="radius-shape-1" class="position-absolute rounded-circle shadow-5-strong"></div> |
|  | <div id="radius-shape-2" class="position-absolute shadow-5-strong"></div> |
|  |  |
|  | <div class="card bg-glass"> |
|  | <div class="card-body px-4 py-5 px-md-5"> |
|  | <form> |
|  | <!-- 2 column grid layout with text inputs for the first and last names --> |
|  | <div class="row"> |
|  | <div class="col-md-6 mb-4"> |
|  | <div class="form-outline"> |
|  | <input type="text" id="form3Example1" class="form-control" /> |
|  | <label class="form-label" for="form3Example1">First name</label> |
|  | </div> |
|  | </div> |
|  | <div class="col-md-6 mb-4"> |
|  | <div class="form-outline"> |
|  | <input type="text" id="form3Example2" class="form-control" /> |
|  | <label class="form-label" for="form3Example2">Last name</label> |
|  | </div> |
|  | </div> |
|  | </div> |
|  |  |
|  | <!-- Email input --> |
|  | <div class="form-outline mb-4"> |
|  | <input type="email" id="form3Example3" class="form-control" /> |
|  | <label class="form-label" for="form3Example3">Email address</label> |
|  | </div> |
|  |  |
|  | <!-- Password input --> |
|  | <div class="form-outline mb-4"> |
|  | <input type="password" id="form3Example4" class="form-control" /> |
|  | <label class="form-label" for="form3Example4">Password</label> |
|  | </div> |
|  |  |
|  | <!-- Checkbox --> |
|  | <div class="form-check d-flex justify-content-center mb-4"> |
|  | <input class="form-check-input me-2" type="checkbox" value="" id="form2Example33" checked /> |
|  | <label class="form-check-label" for="form2Example33"> |
|  | Subscribe to our newsletter |
|  | </label> |
|  | </div> |
|  |  |
|  | <!-- Submit button --> |
|  | <button type="submit" class="btn btn-primary btn-block mb-4"> |
|  | Sign up |
|  | </button> |
|  |  |
|  | <!-- Register buttons --> |
|  | <div class="text-center"> |
|  | <p>or sign up with:</p> |
|  | <button type="button" class="btn btn-link btn-floating mx-1"> |
|  | <i class="fab fa-facebook-f"></i> |
|  | </button> |
|  |  |
|  | <button type="button" class="btn btn-link btn-floating mx-1"> |
|  | <i class="fab fa-google"></i> |
|  | </button> |
|  |  |
|  | <button type="button" class="btn btn-link btn-floating mx-1"> |
|  | <i class="fab fa-twitter"></i> |
|  | </button> |
|  |  |
|  | <button type="button" class="btn btn-link btn-floating mx-1"> |
|  | <i class="fab fa-github"></i> |
|  | </button> |
|  | </div> |
|  | </form> |
|  | </div> |
|  | </div> |
|  | </div> |
|  | </div> |
|  | </div> |
|  | </section> |
|  | </body> |
|  | </html> |