Assignment - 2

Assignment Date	01 November 2022
Team ID	PNT2022TMID27550
Maximum Marks	2 Marks

Question-1:

Create a Flask App

Solution:

```python
from flask import Flask, render_template
app = Flask(_name_)
@app.route("/signin")
def sign_in():
    return render_template("signin.html")
@app.route('/signup')
def sign_up():
    return render_template("signup.html")
@app.route('/')
def home():
    return render_template("home.html")
@app.route('/about')
def about():
    return render_template("about.html")
if__name__== '__main__':
    app.run(debug=True)
```

Question-2:

Add the Home page, About Page

Solution:

Home Page:
```html
<!DOCTYPE html>
<html lang="en">

<head>
    <title>Home</title>
    <!-- Connect Bootstrap -->
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css" rel="stylesheet" />
</head>
```

```html
<body background="C:\Users\Teresa\Desktop\Ass\img\img1.jpg" style="background-size: cover;">
    <!-- NAVBAR -->
    <nav class="navbar navbar-expand bg-light">
        <div class="container-fluid">
            <a class="navbar-brand" href="./"> <strong>Smart Fashion Recommender Application</strong> </a>
            <ul class="navbar-nav ms-auto mb-2 mb-lg-0">
                <li class="nav-item">
                    <a class="nav-link active" href="/">Home</a> </li>
                <li class="nav-item">
                    <a class="nav-link active"
                    href='C:\Users\Teresa\Desktop\Ass\about.html'>About Us</a> </li>
                <li class="nav-item">
                <a class="nav-link active"
                href="C:\Users\Teresa\Desktop\Ass\signin.html">Signin</a> </li>
                <li class="nav-item">
                    <a class="nav-link active"
                     href="C:\Users\Teresa\Desktop\Ass\signup.html">Signup</a> </li>
            </ul>
        </div>
    </nav>
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js"></script>
<br/>
<h1 style="text-align: center;color: rgb(87, 0, 250);">Smart Fashion Recommender Application</h1>
<p align="center" style="padding: 5rem;color: rgb(0, 255, 255); font-weight: 900; font-size:60px; font">Welcome to Smart Fashion Recommender Application.</p>
</body>
</html>
```

About page :

```html
<!DOCTYPE html>
<html lang="en">
<head>
```

```html
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
</head>
<body background="C:\Users\Teresa\Desktop\Ass\img\img2.jpg"style="background-size: cover;">
    <h1 style="text-align: center;">About us</h1>
    <p style="font-family: Verdana, Geneva, Tahoma, sans-serif;font-size: large;"> Hi!, we the members of Smart Fashion Recommender website have created a one stop solution to all your fashion needs, which is what you're looking at right now, "THE SMART FASHION RECOMMENDER". Our aim is to quench your thirst for fashion. We always look forward to providing you with the bestest of our collections at an affordable price. Customer satisfaction is our prime goal. Hope you enjoy shopping with us
    Regards
    Smart Fashion Recomender Team
        </p>

</body>
</html
```

Question-3:

Add the Bootstrap

```
1  <!-- Connect Bootstrap -->
2  <link
3    href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css"
4    rel="stylesheet"
5  />
```

Question-4:

Add the Sign in page and App the Signup Page + database connectivity

Solution:

Sign in page:

```
<!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">
    <title>Document</title>
    <!-- CSS only -->
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/css/boots
trap.min.css" rel="stylesheet" integrity="sha384-
Zenh87qX5JnK2Jl0vWa8Ck2rdkQ2Bzep5IDxbcnCeuOxjzrPF/et3URy9Bv1WTRi" cross
origin="anonymous">
</head>
<body>
    <form>
        <!-- Email input -->
        <div class="mb-2">
           <input type="email" id="form2Example1" class="form-
control" />
           <label class="form-
label" for="form2Example1">Email address</label>
        </div>
```

```html
        <!-- Password input -->
        <div class=" mb-4">
          <input type="password" id="form2Example2" class="form-
control" />
          <label class="form-
label" for="form2Example2">Password</label>
        </div>

        <!-- 2 column grid layout for inline styling -->
        <div class="row mb-4">
          <div class="col d-flex justify-content-center">
          <div class="col">
        <!-- Submit button -->
        <button type="button" class="btn btn-primary btn-block mb-
4">Sign in</button>

        <!-- Register buttons -->
        <div class="text-center">
          <p>Not a member? <a href="signup.html">Signup</a>
          <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>
        <!-- JavaScript Bundle with Popper -->
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/js/boots
trap.bundle.min.js" integrity="sha384-
OERcA2EqjJCMA+/3y+gxIOqMEjwtxJY7qPCqsdltbNJuaOe923+mo//f6V8Qbsw3" cross
origin="anonymous"></script>
</body>
</html>
```
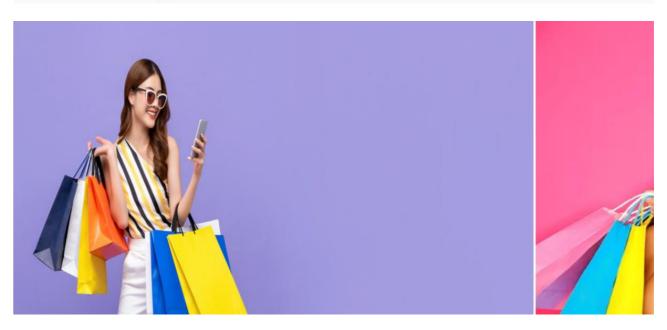
Sign up Page:

```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">
    <title>Document</title>
    <!-- CSS only -->
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/css/boots
trap.min.css" rel="stylesheet" integrity="sha384-
Zenh87qX5JnK2Jl0vWa8Ck2rdkQ2Bzep5IDxbcnCeuOxjzrPF/et3URy9Bv1WTRi" cross
origin="anonymous">
</head>

<body>
    <section class="vh-100" style="background-color: #eee;">
        <div class="container h-100">
          <div class="row d-flex justify-content-center align-items-
center h-100">
            <div class="col-lg-12 col-xl-11">
              <div class="card text-black" style="border-
radius: 25px;">
                <div class="card-body p-md-5">
                  <div class="row justify-content-center">
                    <div class="col-md-10 col-lg-6 col-xl-5 order-
2 order-lg-1">

                      <p class="text-center h1 fw-bold mb-5 mx-1 mx-md-
4 mt-4">Sign up</p>

                      <form class="mx-1 mx-md-4">

                        <div class="d-flex flex-row align-items-
center mb-4">
                          <i class="fas fa-user fa-lg me-3 fa-fw"></i>
                          <div class="form-outline flex-fill mb-0">
                            <input type="text" id="form3Example1c" clas
s="form-control" />
                            <label class="form-
label" for="form3Example1c">Your Name</label>
                          </div>
                        </div>
```

```html
                        <div class="d-flex flex-row align-items-
center mb-4">
                          <i class="fas fa-envelope fa-lg me-3 fa-
fw"></i>
                          <div class="form-outline flex-fill mb-0">
                            <input type="email" id="form3Example3c" cla
ss="form-control" />
                            <label class="form-
label" for="form3Example3c">Your Email</label>
                          </div>
                        </div>

                        <div class="d-flex flex-row align-items-
center mb-4">
                          <i class="fas fa-lock fa-lg me-3 fa-fw"></i>
                          <div class="form-outline flex-fill mb-0">
                            <input type="password" id="form3Example4c"
class="form-control" />
                            <label class="form-
label" for="form3Example4c">Password</label>
                          </div>
                        </div>

                        <div class="d-flex flex-row align-items-
center mb-4">
                          <i class="fas fa-key fa-lg me-3 fa-fw"></i>
                          <div class="form-outline flex-fill mb-0">
                            <input type="password" id="form3Example4cd"
 class="form-control" />
                            <label class="form-
label" for="form3Example4cd">Repeat your password</label>
                          </div>
                        </div>

                        <div class="form-check d-flex justify-content-
center mb-5">
                          <input class="form-check-input me-
2" type="checkbox" value="" id="form2Example3c" />
                          <label class="form-check-
label" for="form2Example3">
                            I agree all statements in <a href="#!">Term
s of service</a>
                          </label>
                        </div>

                        <div class="d-flex justify-content-center mx-
4 mb-3 mb-lg-4">
```

```html
                              <button type="button" class="btn btn-
primary btn-lg">Register</button>
                            </div>

                        </form>

                    </div>
                    <div class="col-md-10 col-lg-6 col-xl-7 d-
flex align-items-center order-1 order-lg-2">

                        <img src="https://mdbcdn.b-
cdn.net/img/Photos/new-templates/bootstrap-registration/draw1.webp"
                            class="img-fluid" alt="Sample image">

                    </div>
                  </div>
                </div>
              </div>
            </div>
          </div>
      </section>
      <!-- JavaScript Bundle with Popper -->
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/js/boots
trap.bundle.min.js" integrity="sha384-
OERcA2EqjJCMA+/3y+gxIOqMEjwtxJY7qPCqsdltbNJuaOe923+mo//f6V8Qbsw3" cross
origin="anonymous"></script>
</body>

</html>
```

Smart Fashion Recommender Application   Home About Us Signin Signup

Email address

Password

Sign in

Not a member? Signup

Sign up

Your Name

Your Email

Password

Repeat your password

☐ I agree all statements in Terms of service

About Us

Hi!, we the members of Smart Fashion Recommender website have created a one stop solution to all your fashion needs,

which is what you're looking at right now, "THE SMART FASHION RECOMMENDER". Our aim is to quench your thirst for fashion.

We always look forward to providing you with the bestest of our collections at an affordable price. Customer satisfaction

is our prime goal. Hope you enjoy shopping with us.

Regards,

Smart Fashion Recomender Team