

Project Name	Smart Fashion Recommender Application
Team ID	PNT2022TMID23026

Create a Flask App

Solution:

```
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)
```

Add the Home page, About Page

Solution:

Home Page:

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

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

```

<body background="C:\Users\Rakesh\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\Rakesh\Desktop\Ass\about.html'>About
Us</a> </li>
            <li class="nav-item">
                <a class="nav-link active" href="C:\Users\Rakesh\Desktop\Ass\signin.html">Signin</a> </li>
            <li class="nav-item">
                <a class="nav-link active" href="C:\Users\Rakesh\Desktop\Ass\signup.html">Sign up</a> </li>
        </ul>
    </div>
</nav>
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js "></script>
<br/>
style="text-align: center;color: rgb(87, 0, 250);">Smart Fashion Recommender
Applic ation</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 :

```

<!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>
< /head>
<body
    background="C:\Users\Rakesh\Desktop\Ass\img\img2.jpg" style="backg
round-size: cover;">

    <h1 style="text-align: center;">About us</h1>
    <p style="font-family: Verdana, Geneva, Tahoma,
sansserif;fontsize: large;">

        Retailers worldwide have started deploying smart service
innovations in their stores to regain market share lost to online
competitors. Against this backdrop, this paper focuses on the design
of product recommendation systems for fashion stores. Our research
particularly aims at answering the issues of whether and to what
extent (i) the sensing capabilities of smart fashion retail
environments and (ii) the integration of contextual information can
improve the quality of such recommendations. To this end, we consider
smart fitting rooms with the ability to detect products and customers
as a showcase; a transaction dataset from a leading German fashion
retailer and contextual information about the time of purchase, the
store type, and the weather conditions. Our preliminary analyses
indicate that sensor information regarding garment and user
identification, as well as further context data help to improve
product recommendations in fashion stores.

    </p>

< /body>
</html>

```

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 />

```

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/bootst
trap.min.css" rel="stylesheet" integrity="sha384-
Zenh87qX5JnK2Jl0vWa8Ck2rdkQ2Bzep5IDxbcnCeu0xjzrPF/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>
```

```

    <!-- 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-
0ERcA2EqjJCMA+/3y+gxIOqMEjwtxJY7qPCqsdltbNJua0e923+mo//f6V8Qbsw3
cross
origin
="anonymous"></script> <
/body>
</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/bootst
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>

```



```
<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">

    

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

</html>
```




