

SPRINT – 2

Team ID	PNT2022TMID28291
Project Name	Smart Fashion Recommender Application

Create a flask app:

```
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 home page and about 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/bootstrap.min.css" rel="stylesheet" /
</head>

<body background="C:\Users\preethi\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\preethi\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">W
</body>
</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" /
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        <li class="nav-item">
          <a class="nav-link active"
            href='C:\Users\preethi\Desktop\Ass\signin.html'>Signin</a> </li>
        <li class="nav-item">
          <a class="nav-link active"
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      </ul>
    </div>
  </nav>
  <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js"></script>
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<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">W
</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\preethi\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;">Retailers worldwide have started deployin
    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 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 sign in and sign up page:

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/bootstrap.min.css" rel="stylesheet" integrity="sha384-Zen" />
</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 -->
```

Activate Windows
Go to Settings to activate Windows.

```

<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/bootstrap.bundle.min.js" integrity="sha384-OERcA2EqjJCMA+
</body>
</html>

```

Sign up 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/bootstrap.min.css" rel="stylesheet" integrity="sha384-Zer
</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" class="form-control" />
                        <label class="form-label" for="form3Example1c">Your Name</label>
                      </div>

```

Activate Windows
Go to Settings to activate



Sign up

Your Name

Your Email

Password



About us

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.

