

SPRINT 2

Project Name	Smart Fashion Recommender Application
Team ID	PNT2022TMID07042

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 the Home page and About Page

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/bootstrap.min.css" rel="stylesheet" />
</head>
<body background="C:\Users\Rakesh\Desktop\Ass\img\img1.jpg"
style="back ground -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">Sig nup</a> </li>
    </ul>
    </div>
</nav>
    <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/b
ootstrap.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 :

```
<!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=
"background-size: cover;">
<h1 style="text-align: center;">About us</h1>
<p style="font-family: Verdana, Geneva, Tahoma, sans-serif;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

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>
<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>
<div class="mb-2">
<input type="email" id="form2Example1" class="form-control" />
<label class="form-label" for="form2Example1">Email address</label>
</div>
<div class="mb-4">
<input type="password" id="form2Example2" class="form-control" />
<label class="form-label" for="form2Example2">Password</label>
</div>
<div class="row mb-4">
<div class="col d-flex justify-content-center">
<div class="col">
<button type="button" class="btn btn-primary btn-block mb-4">Sign
</button>
<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></div></form>
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/js/bootstrap
.bundle.min.js" integrity="sha384-0ERcA2EqjJCMA+/3y+gxIOqMEjwtxJY7qP
CqsdlbtNJua0e923+mo//f6V8Qbsw3" cross origin="anonymous"></script>
</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>
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/css/boot-
strap.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" class="form-control" />
<label class="form-label" for="form3Example1c">Your Name</label>
</div></div>
<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="#!">Terms of service</a></label>  
</div>  
<div class="d-flex justify-content-center mx-4 mb-3 mb-lg-4">  
<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>  
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/js/bootst  
rap.bundle.min.js" integrity="sha384OERCA2EqjJCMA+/3y+gxIOqMEjwtxJY7q  
PCQsdltbNjuaOe923+mo//f6V8Qbsw3 "cross origin ="anonymous"></script>  
</body>  
</html>
```