|  |  |
| --- | --- |
| Project Name | Smart Fashion Recommender Application |
| Team ID | PNT2022TMID50137 |

**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:

<!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](https://cdn.jsdelivr.net/npm/bootstrap%405.1.3/dist/css/b) ootstrap.min.css" rel="stylesheet" /> </head>

Home Page:

<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'>Ab out

Us</a> </li>

a> </li>

nup</a> </li>

<li class="nav-item">

<a class="nav-link active" href="C:\Users\Rakesh\Desktop\Ass\signin.html">Signin</

<li class="nav-item">

<a class="nav-link active"

href="C:\Users\Rakesh\Desktop\Ass\signup.html">Sig

</ul>

</div>

</nav>

<script src="[https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/b](https://cdn.jsdelivr.net/npm/bootstrap%405.1.3/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;font- size: large;">Retailers worldwide have started deploying smart serviceinnovations 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; andcontextual 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 wellas further context data help to improve

product recommendations in fashion stores.

</p>

</body>

</html

**Add the Bootstrap**



**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](https://cdn.jsdelivr.net/npm/bootstrap%405.2.2/dist/css/boots)

[/boots](https://cdn.jsdelivr.net/npm/bootstrap%405.2.2/dist/css/boots)trap.min.css" rel="stylesheet" integrity="sha384- Zenh87qX5JnK2Jl0vWa8Ck2rdkQ2Bzep5IDxbcnCeuOxjzrPF/et3URy9Bv 1WTRi" crossorigin="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-blockmb-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/b](https://cdn.jsdelivr.net/npm/bootstrap%405.2.2/dist/js/boots) [oots](https://cdn.jsdelivr.net/npm/bootstrap%405.2.2/dist/js/boots)trap.bundle.min.js" integrity="sha384- OERcA2EqjJCMA+/3y+gxIOqMEjwtxJY7qPCqsdltbNJuaOe923+mo//f6V8 Qbsw3" crossorigin="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>

*<!-- CSS only -->*

<link href="[https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/css](https://cdn.jsdelivr.net/npm/bootstrap%405.2.2/dist/css/boots)

[/boots](https://cdn.jsdelivr.net/npm/bootstrap%405.2.2/dist/css/boots)trap.min.css" rel="stylesheet" integrity="sha384- Zenh87qX5JnK2Jl0vWa8Ck2rdkQ2Bzep5IDxbcnCeuOxjzrPF/et3URy9Bv 1WTRi" crossorigin="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;">

2 order-lg-1">

<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-

4 mt-4">Sign up</p>

<p class="text-center h1 fw-bold mb-5 mx-1 mx-md-

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

center mb-4">

s="form-control" />

<div class="d-flex flex-row align-items-

<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

<label class="form-

label" for="form3Example1c">Your Name</label>

</div>

</div>

center mb-4">fw"></i>

ss="form-control" />

<div class="d-flex flex-row align-items-

<i class="fas fa-envelope fa-lg me-3 fa-

<div class="form-outline flex-fill mb-0">

<input type="email" id="form3Example3c" cla

<label class="form-

label" for="form3Example3c">Your Email</label>

</div>

</div>

center mb-4">

class="form-control" />

<div class="d-flex flex-row align-items-

<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"

<label class="form-

label" for="form3Example4c">Password</label> </div>

</div>

center mb-4">

class="form-control" />

<div class="d-flex flex-row align-items-

<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"

<label class="form-

label" for="form3Example4cd">Repeat your password</label>

</div>

</div>

center mb-5">

<div class="form-check d-flex justify-content-

<input class="form-check-input me-

2" type="checkbox" value="" id="form2Example3c" />

<label class="form-check-

label" for="form2Example3">

s of service</a>

4 mb-3 mb-lg-4">

I agree all statements in <a href="#!">Term

</label>

</div>

<div class="d-flex justify-content-center mx-

<button type="button" class="btnbtn-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>

</div>

</section>

*<!-- JavaScript Bundle with Popper -->*

<script src="[https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/js/b](https://cdn.jsdelivr.net/npm/bootstrap%405.2.2/dist/js/boots) [oots](https://cdn.jsdelivr.net/npm/bootstrap%405.2.2/dist/js/boots)trap.bundle.min.js" integrity="sha384- OERcA2EqjJCMA+/3y+gxIOqMEjwtxJY7qPCqsdltbNJuaOe923+mo//f6V8 Qbsw3" crossorigin="anonymous"></script>

</body>

</html>



