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| Project Name | Smart Fashion Recommender Application |
| Team ID | PNT2022TMID24032 |

**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:

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| <! 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> |

<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](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 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>

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| <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, 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 p  aper focuses on the design of product recommendation systems for fashion stores. Our research particu  larly aims at answering the issues of  whether and to what extent (i) the sensing capabilities of smar t fashion retail environments and (ii) the integration of  contextual information can improve the quality o  f such reco mmendations. To this end, we consider smart fitting rooms with the ability to detect prod  ucts 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 pr eliminary 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**



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

Solution:

**Sign in page:**

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| <! 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](https://cdn.jsdelivr.net/npm/bootstrap%405.2.2/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- c ontrol" />

<label class="form-

label" for="form2Example1">Email address</label>

</div>

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| *<!-- 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](https://cdn.jsdelivr.net/npm/bootstrap%405.2.2/dist/js/boots)  trap.bundle.min.js" integrity="sha384- |

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| OERcA2EqjJCMA+/3y+gxIOqMEjwtxJY7qPCqsdltbNJuaOe923+mo//f6V8Qbsw3 " cross |
| origin  ="anonymous"></script> <  /body> |
| </html> |

**Sign up Page:**

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| <! 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](https://cdn.jsdelivr.net/npm/bootstrap%405.2.2/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"> |

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| <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> |

|  |
| --- |
| <div class="d-flex flex-row align-items- ce nter 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"> |

|  |
| --- |
| <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>  </div>  </section>  *<!-- JavaScript Bundle with Popper -->*  < script src="[https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/js/boots](https://cdn.jsdelivr.net/npm/bootstrap%405.2.2/dist/js/boots)  trap.bundle.min.js" integrity="sha384- |
| OERcA2EqjJCMA+/3y+gxIOqMEjwtxJY7qPCqsdltbNJuaOe923+mo//f6V8Qbsw3 " cross |
| origin ="anonymous"></script>  < /body>  </html> |



