

SPRINT 1

TEAM ID	PNT2022TMID49171
PROJECT NAME	Smart Fashion Recommender Application

CODE AND TEST CASES:

index.html

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="utf-8">
    <title>BEYOND FASHION</title>
    <meta content="" name="viewport">
    <meta content="" name="keywords">
    <meta content="" name="description">

    <!-- Favicon -->
    <link href="img/favicon.ico" rel="icon">

    <!-- Google Fonts -->
    <link
href="https://fonts.googleapis.com/css?family=Open+Sans:300,400|Source+Code+Pro:700,900&display=swap"
rel="stylesheet">

    <!-- CSS Libraries -->
    <link href="https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/css/bootstrap.min.css" rel="stylesheet">
    <link href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.10.0/css/all.min.css" rel="stylesheet">
    <link href="lib/slick/slick.css" rel="stylesheet">
    <link href="lib/slick/slick-theme.css" rel="stylesheet">

    <!-- Template Stylesheet -->
    <link href="css/style.css" rel="stylesheet">
  </head>

  <body>
    <!-- Top bar Start -->

    <!-- Top bar End -->

    <!-- Nav Bar Start -->
    <div class="nav">
      <div class="container-fluid">
        <nav class="navbar navbar-expand-md bg-dark navbar-dark">
          <a href="#" class="navbar-brand">MENU</a>
          <button type="button" class="navbar-toggler" data-toggle="collapse" data-
target="#navbarCollapse">
            <span class="navbar-toggler-icon"></span>
          </button>

          <div class="collapse navbar-collapse justify-content-between" id="navbarCollapse">
```

```

        <div class="navbar-nav mr-auto">
            <a href="index.html" class="nav-item nav-link active">Home</a>

        </div>
        <div class="navbar-nav ml-auto">
            <div class="nav-item dropdown">
                <a href="#" class="nav-link dropdown-toggle" data-toggle="dropdown">User
Account</a>
                <div class="dropdown-menu">
                    <a href="login.html" class="dropdown-item">Login</a>
                    <a href="registerpage.html" class="dropdown-item">Register</a>
                </div>
            </div>
        </div>
    </nav>
</div>
<!-- Nav Bar End -->

<!-- Bottom Bar Start -->
<div class="bottom-bar">
    <div class="container-fluid">

        </div>
    </div>
<!-- Bottom Bar End -->

<!-- Main Slider Start -->
<div class="header">

</div>
<!-- Main Slider End -->

<!-- Brand Start -->

<!-- Brand End -->

<!-- Feature Start-->

<!-- Feature End-->

<!-- Category Start-->
<div class="category">
    <div class="container-fluid">
        <div class="row">
            <div class="">
                <div class="">
                    

                </div>
            </div>
        </div>
    </div>
</div>
</div>

```

```

    </div>
</div>
<!-- Category End-->

<!-- Call to Action Start -->

<!-- Call to Action End -->

<!-- Featured Product Start -->
<div class="featured-product product">
    <div class="container-fluid">
        <div class="section-header">
            <h1>Women's Fashion</h1>
        </div>
        <div class="row align-items-center product-slider product-slider-4">
            <div class="col-lg-3">
                <div class="product-item">
                    <div class="product-title">
                        <a href="#">Festival Wear</a>
                    <div class="rating">
                        <i class="fa fa-star"></i>
                        <i class="fa fa-star"></i>
                        <i class="fa fa-star"></i>
                        <i class="fa fa-star"></i>
                        <i class="fa fa-star"></i>
                    </div>
                </div>
                <div class="product-image">
                    <a href="product-detail.html">
                        
                    </a>
                </div>
            </div>
            <div class="col-lg-3">
                <div class="product-item">
                    <div class="product-title">
                        <a href="#">Office Wear</a>
                    <div class="rating">
                        <i class="fa fa-star"></i>
                        <i class="fa fa-star"></i>
                        <i class="fa fa-star"></i>
                        <i class="fa fa-star"></i>
                        <i class="fa fa-star"></i>
                    </div>
                </div>
                <div class="product-image">
                    <a href="product-detail.html">
                        
                    </a>
                </div>
            </div>
        </div>
    </div>
</div>

```

```
    </div>
  </div>
  <div class="col-lg-3">
    <div class="product-item">
      <div class="product-title">
        <a href="#">Vacation Wear</a>
        <div class="rating">
          <i class="fa fa-star"></i>
          <i class="fa fa-star"></i>
          <i class="fa fa-star"></i>
          <i class="fa fa-star"></i>
          <i class="fa fa-star"></i>
        </div>
      </div>
      <div class="product-image">
        <a href="product-detail.html">
          
        </a>
      </div>
    </div>
  </div>
```

```
  </div>
  <div class="col-lg-3">
    <div class="product-item">
      <div class="product-title">
        <a href="#">Party Wear</a>
        <div class="rating">
          <i class="fa fa-star"></i>
          <i class="fa fa-star"></i>
          <i class="fa fa-star"></i>
          <i class="fa fa-star"></i>
          <i class="fa fa-star"></i>
        </div>
      </div>
      <div class="product-image">
        <a href="product-detail.html">
          
        </a>
      </div>
    </div>
  </div>
```

```
  </div>
</div>
<div class="col-lg-3">
```

```

  </div>
</div>
</div>
</div>
</div>
```

<!-- Featured Product End -->

<!-- Newsletter Start -->

<!-- Newsletter End -->

<!-- Recent Product Start -->

<div class="recent-product product">

<div class="container-fluid">

<div class="section-header">

<h1>Men's Fashion</h1>

</div>

<div class="row align-items-center product-slider product-slider-4">

<div class="col-lg-3">

<div class="product-item">

<div class="product-title">

Polos and T shirts

<div class="rating">

<i class="fa fa-star"></i>

<i class="fa fa-star"></i>

<i class="fa fa-star"></i>

<i class="fa fa-star"></i>

<i class="fa fa-star"></i>

</div>

</div>

<div class="product-image">

</div>

</div>

</div>

<div class="col-lg-3">

<div class="product-item">

<div class="product-title">

Casual Wear

<div class="rating">

<i class="fa fa-star"></i>

<i class="fa fa-star"></i>

<i class="fa fa-star"></i>

<i class="fa fa-star"></i>

<i class="fa fa-star"></i>

</div>

</div>

<div class="product-image">

</div>

</div>

```

</div>
<div class="col-lg-3">
  <div class="product-item">
    <div class="product-title">
      <a href="#">Sports Wear</a>
      <div class="rating">
        <i class="fa fa-star"></i>
        <i class="fa fa-star"></i>
        <i class="fa fa-star"></i>
        <i class="fa fa-star"></i>
        <i class="fa fa-star"></i>
      </div>
    </div>
    <div class="product-image">
      <a href="product-detail.html">
        
      </a>

    </div>

  </div>
</div>
<div>
</div>
<div class="col-lg-3">
  <div class="product-item">
    <div class="product-title">
      <a href="#">Sweatshirts & Jackets</a>
      <div class="rating">
        <i class="fa fa-star"></i>
        <i class="fa fa-star"></i>
        <i class="fa fa-star"></i>
        <i class="fa fa-star"></i>
        <i class="fa fa-star"></i>
      </div>
    </div>
    <div class="product-image">
      <a href="product-detail.html">
        
      </a>

    </div>

  </div>

</div>
</div>
<div class="col-lg-3">

</div>
</div>
</div>
<!-- Recent Product End -->

<!-- Review Start -->

<!-- Review End -->

```

```

<!-- Footer Start -->
<div class="footer">

</div>
<!-- Footer End -->

<!-- Footer Bottom Start -->
<div class="footer-bottom">
  <div class="container">
    <div class="row">

      <div class="col-md-6 copyright">
        <p>HAPPY SHOPPING</p>
      </div>

    </div>
  </div>
</div>
<!-- Footer Bottom End -->

<!-- Back to Top -->

<!-- JavaScript Libraries -->

<script>
  window.watsonAssistantChatOptions = {
    integrationID: "1f52cc32-95dc-418e-b0f1-fd1540f8dd50", // The ID of this integration.
    region: "au-syd", // The region your integration is hosted in.
    serviceInstanceID: "ff405e1f-2e72-4e71-a281-4ff48c3d5b48", // The ID of your service instance.
    onLoad: function(instance) { instance.render(); }
  };
  setTimeout(function(){
    const t=document.createElement('script');
    t.src="https://web-chat.global.assistant.watson.appdomain.cloud/versions/" +
(window.watsonAssistantChatOptions.clientVersion || 'latest') + "/WatsonAssistantChatEntry.js";
    document.head.appendChild(t);
  });
</script>
<script src="https://code.jquery.com/jquery-3.4.1.min.js"></script>
<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/js/bootstrap.bundle.min.js"></script>
<script src="lib/easing/easing.min.js"></script>
<script src="lib/slick/slick.min.js"></script>

<!-- Template Javascript -->
<script src="js/main.js"></script>
</body>
</html>

```



registerpage.html

```
<html>
<head>
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>BEYOND FASHION</title>

</head>
<body>

  <div class="main">
    <div class="navbar">
      <div class="menu">
        <ul>

          </ul>
        </div>
      </div>
    <div class="content">
      <h1> SMART FASHION <br><span>APPLICATION</span></h1>
    </div>

    <div class="login-box">
      <h2>Register here!...</h2>
      <form>
        <div class="user-box">
          <input type="password" name="" required="">
          <label>E-mail</label>
        </div>
        <div class="user-box">
          <input type="text" name="" required="">
          <label>Username</label>
        </div>
        <div class="user-box">
          <input type="password" name="" required="">
          <label>Password</label>
        </div>
      </form>
    </div>
  </div>
</body>
</html>
```



```
        <div class="button-form">
            <a id="submit" href="home.html">Submit</a>
            <div id="register">already have an account?
                <a href="login.html">login</a>
            </div>
        </div>
    </form>
</div>

</div>
```

```
</body>
</html>
```

```
<style>
.{
    box-sizing: border-box;
}

body{
    background-image: url("https://smartfashionsfra.s3.jp-tok.cloud-object-storage.appdomain.cloud/apparel-clothing-fashion-hangers.jpg");
    font-family: var(--font-style);
    opacity: 0.5;
}

.content{
    color: black;
    text-align: center;
    padding: 5px;
}

.login-box{
    position: absolute;
    top: 50%;
    left: 50%;
    width: 400px;
    padding: 40px;
    transform: translate(-50%, -50%);
    background: #242026;
    box-shadow: 0 15px 25px rgba(143, 124, 236, 0.7);
    border-radius: 10px;
}

.login-box h2{
    margin: 0 0 30px;
    padding: 0;
    color: #fff;
    text-align: center;
}

.login-box .user-box input{
    position: relative;
    width: 100%;
    padding: 10px 0;
    font-size: 16px;
    color: #fff;
    margin-bottom: 30px;
    border: none;
    border-bottom: 1px solid #fff;
    outline: none;
    background: transparent;
}
```

```

.login-box .user-box label{
  position:relative;
  left:0;
  top: -60px;
  padding: 10px 0;
  font-size: 16px;
  color:white;
  pointer-events: none;
  transition: .5s;
}
.login-box .user-box input:focus~label,
.login-box .user-box input:valid~label {
  top: -85px;
  left: 0;
  color: #BF7CEC;
  font-size: 12px;
}
#sumbit{
  padding: 20px 30px;
  color: #CBBDDDB;
  font-size: 16px;
  text-decoration: none;
  text-transform: uppercase;
  overflow: hidden;
  transition: .5s;
  letter-spacing: 5px;
  border: 1px solid #8F7CEC;
  margin: auto;
}

#sumbit:hover {
  background:#9370DB;
  color:white;
  border-radius: 10px;
  box-shadow: 0 0 5px #8F7CEC, 0 0 25px #8F7CEC, 0 0 50px #8F7CEC, 0 0 100px #8F7CEC;
}

.button-form{
  display: flex;
  flex-direction: column;
  margin-top: 20px;
  padding: 10px;
}

#register{
  font-size: 14px;
  text-decoration: none;
  color: #CBBDDDB;
  margin: auto;
  width: 60%;
  text-align: center;
}

#register a{
  margin: auto;
  color: #8F7CEC;
  text-decoration: none;
  padding-bottom: : 10px;
}
</style>

```



SMART FASHION APPLICATION

Login here!...

Username

Password

SUBMIT

Don't have an account? [Register](#)

Index.html

```
<html>
<head>
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>BEYOND FASHION</title>

</head>
<body>

  <div class="main">
    <div class="navbar">
      <div class="menu">
        <ul>

          </ul>
        </div>
      </div>
    <div class="content">
      <h1> SMART FASHION <br><span>APPLICATION</span></h1>
    </div>

    <div class="login-box">
      <h2>Login here!...</h2>
      <form>
        <div class="user-box">
          <input type="text" name="" required="">
          <label>Username</label>
        </div>
        <div class="user-box">
          <input type="password" name="" required="">
          <label>Password</label>
        </div>

        <div class="button-form">
          <a id="sumbit" href="home.html">Submit</a>
          <div id="register">Don't have an account?
            <a href="registerpage.html">Register</a>
          </div>
        </div>
      </form>
    </div>
  </div>
</body>
</html>
```

```
</div>
```

```
</div>
```

```
</body>
```

```
</html>
```

```
<style>
```

```
.{  
  box-sizing: border-box;  
}
```

```
body{  
  background-image: url("https://smartfashionsfra.s3.jp-tok.cloud-object-storage.appdomain.cloud/apparel-clothing-fashion-hangers.jpgg");  
  font-family: var(--font-style);  
  opacity: 0.5;  
}
```

```
.content{  
  color: black;  
  text-align: center;  
  padding: 5px;  
}
```

```
.login-box{  
  position: absolute;  
  top: 50%;  
  left: 50%;  
  width: 400px;  
  padding: 40px;  
  transform: translate(-50%, -50%);  
  background: #242026;  
  box-shadow: 0 15px 25px rgba(143, 124, 236, 0.7);  
  border-radius: 10px;  
}
```

```
.login-box h2{  
  margin: 0 0 30px;  
  padding: 0;  
  color: #fff;  
  text-align: center;  
}
```

```
.login-box .user-box input{  
  position: relative;  
  width: 100%;  
  padding: 10px 0;  
  font-size: 16px;  
  color: #fff;  
  margin-bottom: 30px;  
  border: none;  
  border-bottom: 1px solid #fff;  
  outline: none;  
  background: transparent;  
}
```

```
.login-box .user-box label{  
  position: relative;  
  left: 0;  
  top: -60px;  
  padding: 10px 0;  
  font-size: 16px;
```

```
        color:white;
        pointer-events: none;
        transition: .5s;

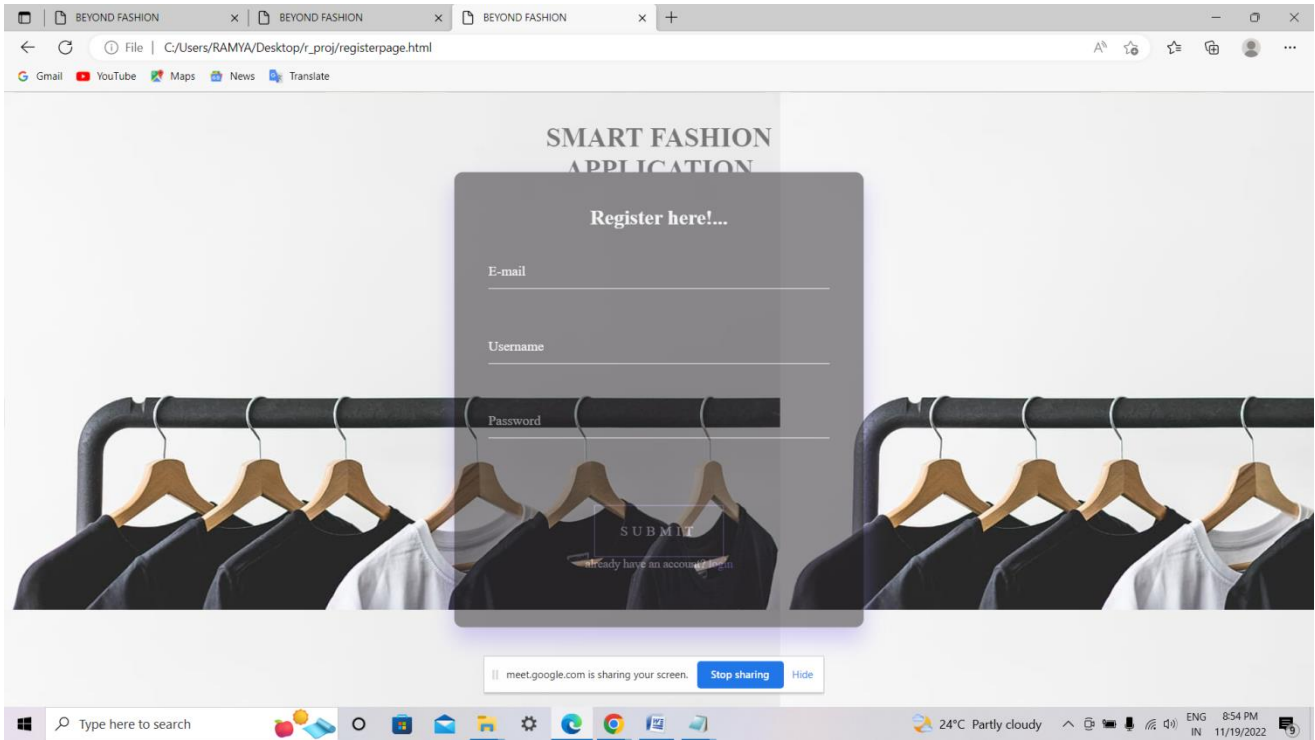
    }
    .login-box .user-box input:focus~label,
    .login-box .user-box input:valid~label {
        top: -85px;
        left: 0;
        color: #BF7CEC;
        font-size: 12px;
    }
    #sumbit{
        padding: 20px 30px;
        color: #CBBDDDB;
        font-size: 16px;
        text-decoration: none;
        text-transform: uppercase;
        overflow: hidden;
        transition: .5s;
        letter-spacing: 5px;
        border: 1px solid #8F7CEC;
        margin: auto;
    }

    #sumbit:hover {
        background:#9370DB;
        color:white;
        border-radius: 10px;
        box-shadow: 0 0 5px #8F7CEC, 0 0 25px #8F7CEC, 0 0 50px #8F7CEC, 0 0 100px #8F7CEC;
    }

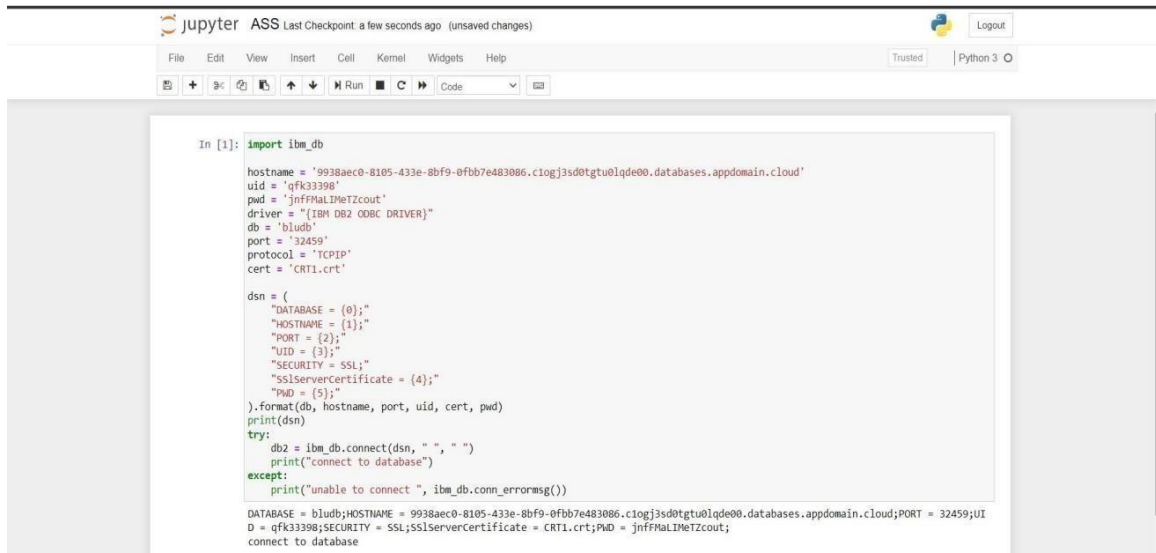
    .button-form{
        display: flex;
        flex-direction: column;
        margin-top: 20px;
        padding: 10px;
    }

    #register{
        font-size: 14px;
        text-decoration: none;
        color: #CBBDDDB;
        margin: auto;
        width: 60%;
        text-align: center;
    }

    #register a{
        margin: auto;
        color: #8F7CEC;
        text-decoration: none;
        padding-bottom: : 10px;
    }
</style>
```



DATABASE CONNECTION



The image shows a Jupyter Notebook interface with a code cell containing Python code for connecting to a database. The code defines variables for hostname, uid, pwd, driver, db, port, protocol, and cert, then constructs a DSN string and attempts to connect using the ibm_db module. The output shows the DSN string and a successful connection message.

```
In [1]: import ibm_db

hostname = '9938aec0-8105-433e-8bf9-0fb7e483086.c1ogj3sd0gtu0lqde00.databases.appdomain.cloud'
uid = 'qfk33398'
pwd = 'jnffMAlMeTZcout'
driver = "{IBM DB2 ODBC DRIVER}"
db = 'bludb'
port = '32459'
protocol = 'TCP/IP'
cert = 'CRT1.crt'

dsn = (
    "DATABASE = {0};"
    "HOSTNAME = {1};"
    "PORT = {2};"
    "UID = {3};"
    "SECURITY = SSL;"
    "SSLServerCertificate = {4};"
    "PWD = {5};"
).format(db, hostname, port, uid, cert, pwd)
print(dsn)
try:
    db2 = ibm_db.connect(dsn, " ", " ")
    print("connect to database")
except:
    print("unable to connect ", ibm_db.conn_errormsg())

DATABASE = bludb;HOSTNAME = 9938aec0-8105-433e-8bf9-0fb7e483086.c1ogj3sd0gtu0lqde00.databases.appdomain.cloud;PORT = 32459;UI
D = qfk33398;SECURITY = SSL;SSLServerCertificate = CRT1.crt;PWD = jnffMAlMeTZcout;
connect to database
```