

# PROJECT DEVELOPMENT PHASE

## SPRINT-1

Team Id	PNT2022TMID44592
Project Title	Smart Fashion Recommender Application
Date	19-11-2022

Home.html

```
<!DOCTYPE html>
<html>

<head>
  <title>HOME PAGE</title>
</head>
<style>
  ul {
    list-style-type: none;
    margin: 0;
    padding: 0;
    overflow: hidden;
    background-color: #333;
  }

  li {
    float: left;
  }

  li a {
    display: block;
    color: white;
    text-align: center;
    padding: 14px 16px;
    text-decoration: none;
  }

  li a:hover:not(.active) {
    background-color: #111;
  }

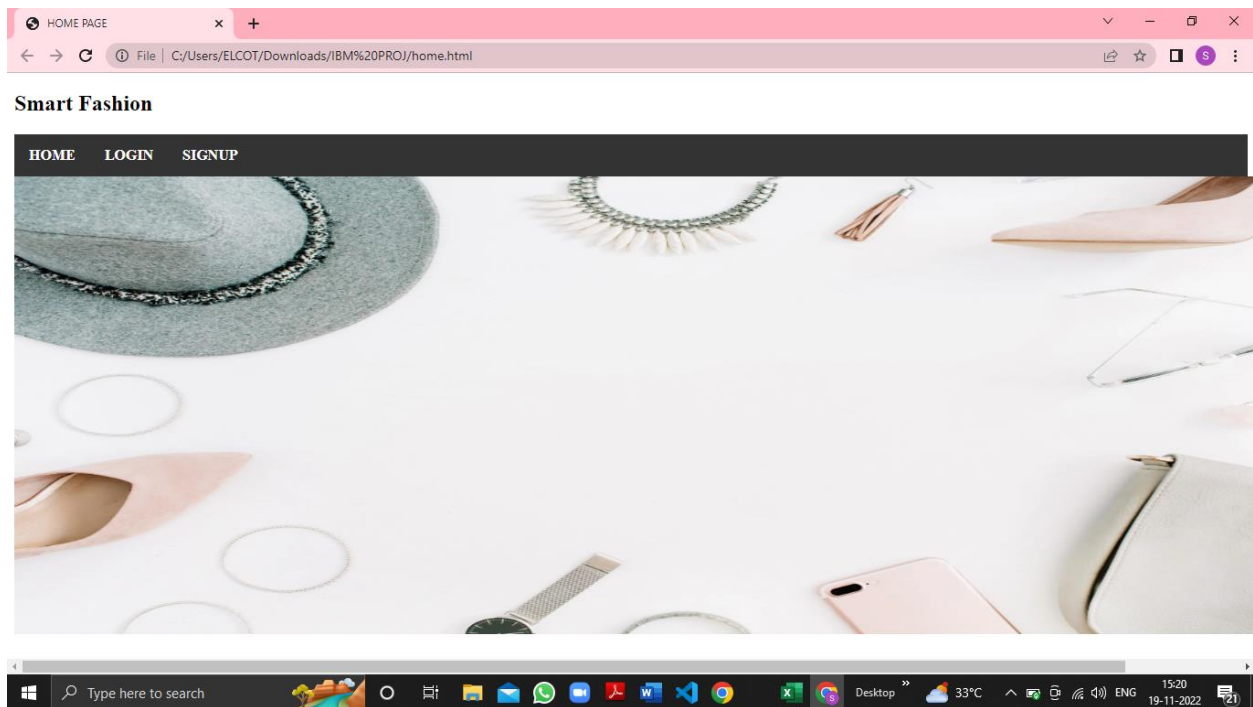
  .active {
```

```

    background-color: #04AA6D;
}
</style>
<body>
    <a
href="file:///C:/Users/ELCOT/Downloads/IBM%20PROJ/action_page.html#work"></a>
    <div class="main">
        <div class="navbar">
            <div class="icon">
                <h2 class="logo">Smart Fashion</h2>
            </div>

            <div class="menu">
                <div class="w3-top">
                    <div class="w3-bar w3-white w3-card" id="myNavbar">
                        <a href="#home" class="w3-bar-item w3-button w3-wide"></a>
                        <!-- Right-sided navbar links -->
                        <div class="w3-right w3-hide-small"><b>
                            <ul>
                                <li><a
href="file:///C:/Users/ELCOT/Downloads/IBM%20PROJ/action_page.html">HOME</a></li>
                                <li><a
href="file:///C:/Users/ELCOT/Downloads/IBM%20PROJ/login.html">LOGIN</a></li>
                                <li><a
href="file:///C:/Users/ELCOT/Downloads/IBM%20PROJ/signup.html">SIGNUP</a></li>
                            </ul>
                        </div>
                    </div>
                    
                </div>
            </div>
        </div>
    </body>
</html>

```



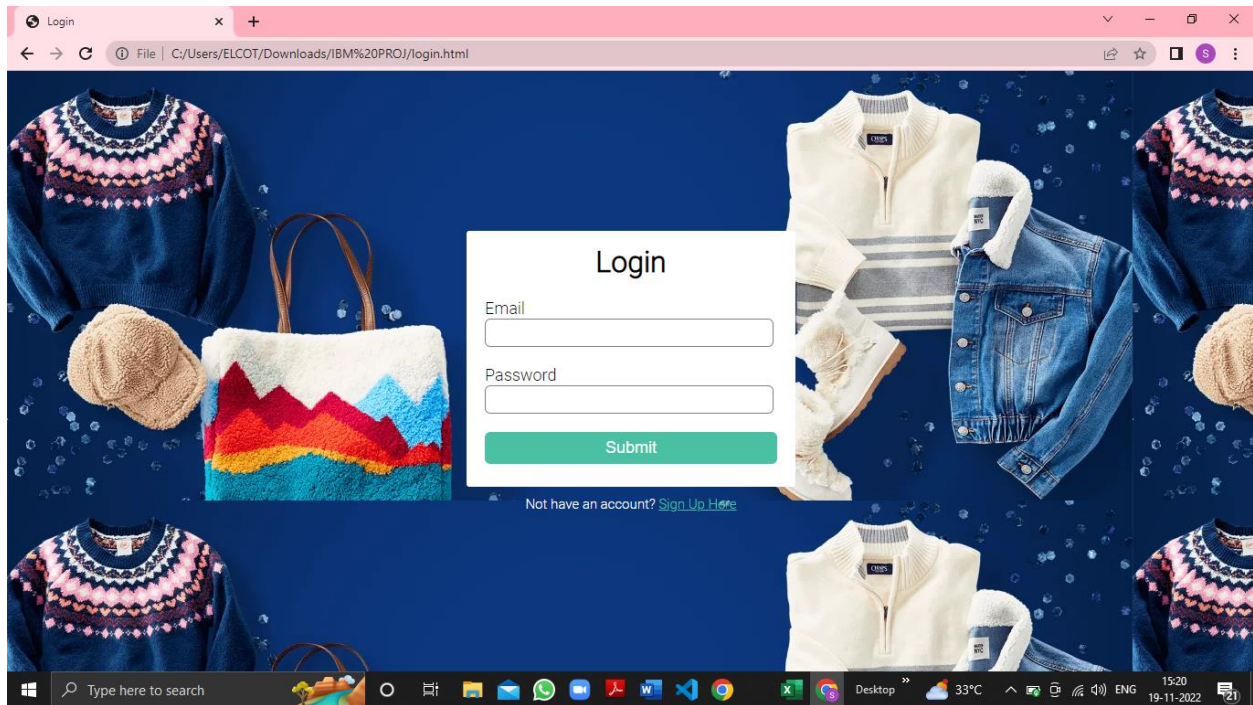
## Login.html

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <title>Login</title>
    <link rel="icon" type="image/x-icon" href="images/download.jpg">
    <link rel="stylesheet" href="style.css" />
    <link
href="https://fonts.googleapis.com/css2?family=Roboto:wght@300&display=swap"
rel="stylesheet"
/>
  </head>
  <body>
    <div class="login-box" style="margin-top:175px ;">
      <h1>Login</h1>
      <form action="action_page.html">
        <label>Email</label>
        <input type="email" placeholder="" />
        <label>Password</label>
        <input type="password" placeholder="" />
        <input type="submit" value="Submit" />
      </form>
    </div>
```

```

<p class="para-2">
  Not have an account? <a href="signup.html">Sign Up Here</a>
</p>
</body>
</html>

```



Sign up page:

```

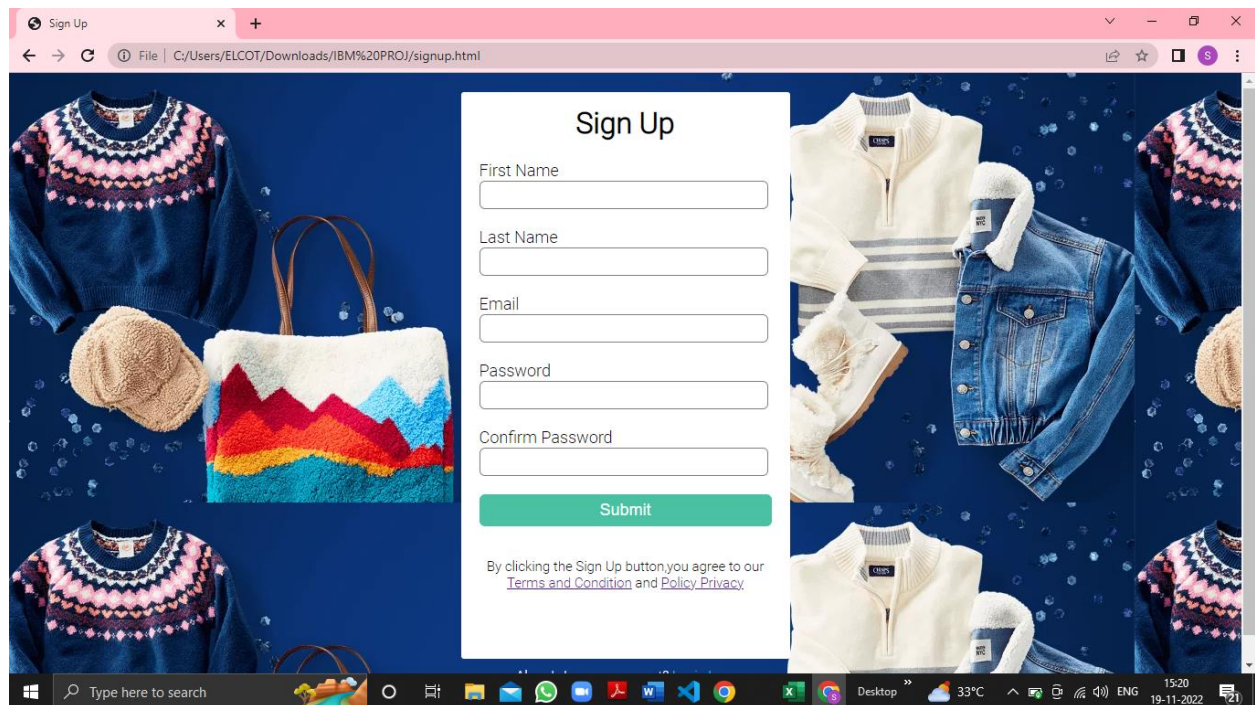
<!DOCTYPE html>
<html lang="en">
  <head>
    <title>Sign Up</title>
    <link rel="icon" type="image/x-icon" href="images/download.jpg">
    <link rel="stylesheet" href="style.css" />
    <link
href="https://fonts.googleapis.com/css2?family=Roboto:wght@300&display=swap"
rel="stylesheet"
/>
  </head>
  <body>
    <div class="signup-box">
      <h1>Sign Up</h1>
      <form action="action_page.html">

```

```

<label>First Name</label>
<input type="text" placeholder="" />
<label>Last Name</label>
<input type="text" placeholder="" />
<label>Email</label>
<input type="email" placeholder="" />
<label>Password</label>
<input type="password" placeholder="" />
<label>Confirm Password</label>
<input type="password" placeholder="" />
<input type="submit" value="Submit" />
</form>
<p>
  By clicking the Sign Up button,you agree to our <br />
  <a href="terms.html">Terms and Condition</a> and <a
href="privacy.html">Policy Privacy</a>
</p>
</div>
<p class="para-2">
  Already have an account? <a href="login.html">Login here</a>
</p>
</body>
</html>

```



## App.py

```
from flask import Flask, render_template, request, redirect, url_for, session
import ibm_db
import re

app = Flask(__name__)

app.secret_key = 'a'

conn=ibm_db.connect("DATABASE=bludb;HOSTNAME=9938aec0-8105-433e-8bf9-
0fbb7e483086.clogj3sd0tgtu0lqde00.databases.appdomain.cloud;PORT=32459;Security=SSL;SSLServerCertificate=DigiCertGlobalRootCA.crt;UID=dpk79343;PWD=29Jm7Ebz0ubtoerk",',',')

@app.route('/')

def homer():
    return render_template('index.html')

@app.route('/Login',methods =['GET', 'POST'])
def login():
    global userid
    msg = ''

    if request.method == 'POST' :
        username = request.form['username']
        password = request.form['password']
        sql = "SELECT * FROM users WHERE username=? AND password=?"
        stmt = ibm_db.prepare(conn, sql)
        ibm_db.bind_param(stmt,1,username)
        ibm_db.bind_param(stmt,2,password)
        ibm_db.execute(stmt)
        account = ibm_db.fetch_assoc(stmt)
        print (account)
        if account:
            session['loggedin'] = True
            session['id'] = account['USERNAME']
            userid= account['USERNAME']
            session['username'] = account['USERNAME']
            msg = 'Logged in successfully !'

        msg = 'Logged in successfully !'
```

```

        return render_template('homepage.html', msg = msg)
    else:
        msg = 'Incorrect username / password !'
    return render_template('index.html', msg = msg)

@app.route('/Register', methods = ['GET', 'POST'])
def registet():
    msg = ''
    if request.method == 'POST' :
        username = request.form['username']
        email = request.form['email']
        password = request.form['password']
        sql = "SELECT * FROM users WHERE username =?"
        stmt = ibm_db.prepare(conn, sql)
        ibm_db.bind_param(stmt,1,username)
        ibm_db.execute(stmt)
        account = ibm_db.fetch_assoc(stmt)
        print(account)
        if account:
            msg = 'Account already exists !'
        elif not re.match(r'^@+@[^@]+\.[^@]+', email):
            msg = 'Invalid email address !'
        elif not re.match(r'[A-Za-z0-9]+', username):
            msg = 'name must contain only characters and numbers !'
        else:
            insert_sql = "INSERT INTO users VALUES (?, ?, ?)"
            prep_stmt = ibm_db.prepare(conn, insert_sql)
            ibm_db.bind_param(prepare_stmt, 1, username)
            ibm_db.bind_param(prepare_stmt, 2, email)
            ibm_db.bind_param(prepare_stmt, 3, password)
            ibm_db.execute(prepare_stmt)
            msg = 'You have successfully registered !'
    elif request.method == 'POST':
        msg = 'Please fill out the form !'
    return render_template('reg.html', msg = msg)

@app.route('/Homepage')
def dash():

    return render_template('homepage.html')

@app.route('/apply', methods = ['GET', 'POST'])

```

```

def apply():
    msg = ''
    if request.method == 'POST' :
        username = request.form['username']
        email = request.form['email']

        qualification= request.form['qualification']
        skills = request.form['skills']
        jobs = request.form['s']
        sql = "SELECT * FROM users WHERE username =?"
        stmt = ibm_db.prepare(conn, sql)
        ibm_db.bind_param(stmt,1,username)
        ibm_db.execute(stmt)
        account = ibm_db.fetch_assoc(stmt)
        print(account)
        if account:
            msg = 'there is only 1 job position! for you'
            return render_template('apply.html', msg = msg)

        insert_sql = "INSERT INTO job VALUES (?, ?, ?, ?, ?)"
        prep_stmt = ibm_db.prepare(conn, insert_sql)
        ibm_db.bind_param(prepare_stmt, 1, username)
        ibm_db.bind_param(prepare_stmt, 2, email)
        ibm_db.bind_param(prepare_stmt, 3, qualification)
        ibm_db.bind_param(prepare_stmt, 4, skills)
        ibm_db.bind_param(prepare_stmt, 5, jobs)
        ibm_db.execute(prepare_stmt)
        msg = 'You have successfully applied for job !'
        session['loggedin'] = True
        TEXT = "Hello,a new application for job position" +jobs+"is requested"

    elif request.method == 'POST':
        msg = 'Please fill out the form !'
        return render_template('apply.html', msg = msg)

@app.route('/display')
def display():
    print(session["username"],session['id'])

```



```
cursor = mysql.connection.cursor()
cursor.execute('SELECT * FROM job WHERE userid = % s', (session['id'],))
account = cursor.fetchone()
print("accountdisplay",account)

return render_template('display.html',account = account)

@app.route('/logout')

def logout():
    session.pop('loggedin', None)
    session.pop('id', None)
    session.pop('username', None)
    return render_template('home.html')

if __name__ == '__main__':
    app.run(host='0.0.0.0')
```