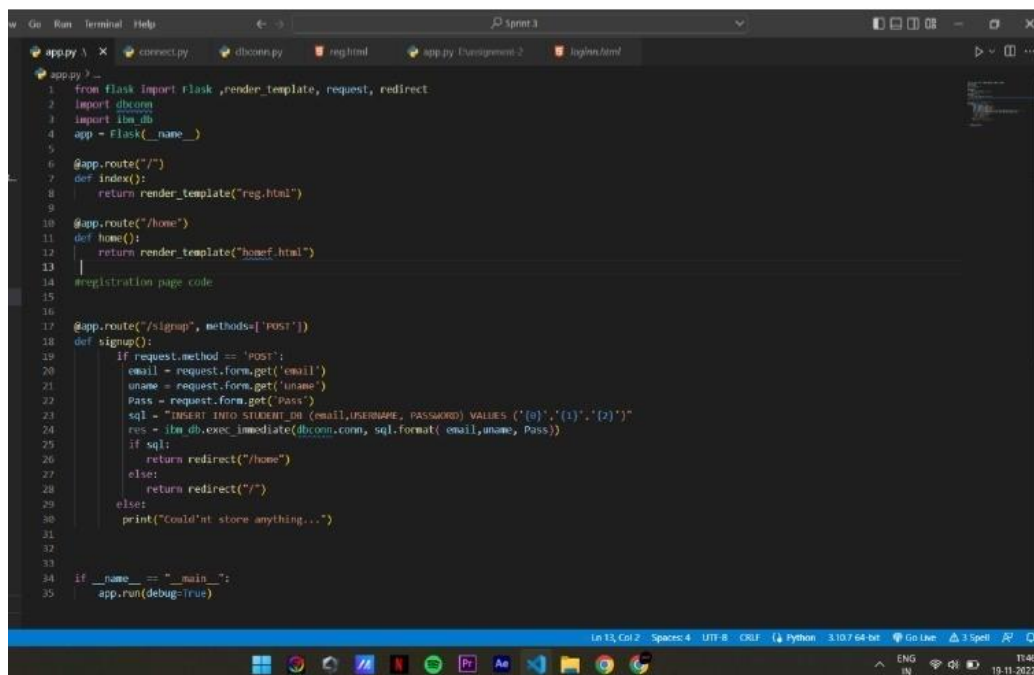


PROJECT DEVELOPMENT PHASE

SPRINT - 3

DATE	19 NOVEMBER 2022
TEAM ID	PNT2022TMID34679
PROJECT NAME	SMART FASHION RECOMMENDER APPLICATION

CONNECT IBM DB2:



```
1 from flask import flask,render_template, request, redirect
2 import dbconn
3 import ibm_db
4 app = Flask(__name__)
5
6 @app.route("/")
7 def index():
8     return render_template("reg.html")
9
10 @app.route("/home")
11 def home():
12     return render_template("homef.html")
13
14 #registration page code
15
16
17 @app.route("/signup", methods=['POST'])
18 def signup():
19     if request.method == 'POST':
20         email = request.form.get('email')
21         uname = request.form.get('uname')
22         Pass = request.form.get('Pass')
23         sql = "INSERT INTO STUDENT_DB (email,USERNAME, PASSWORD) VALUES ('{0}','{1}','{2}')"
24         res = ibm_db.exec_immediate(dbconn.conn, sql.format( email,uname, Pass))
25         if sql:
26             return redirect("/home")
27         else:
28             return redirect("/")
29         else:
30             print("Could'nt store anything...")
31
32
33
34 if __name__ == "__main__":
35     app.run(debug=True)
```

INDEX CODE:

```
<!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" />
```

```

    <link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dis
t/js/bootstrap.bundle.min.js">

    <link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@4.6.2/dis
t/css/bootstrap.min.css"
integrity="sha384-x0o1HFLEh07PJGoPkLv1IbcEPTNtaed2xpHsD9ESMhqIYd0nL
MwNLD
69Npy4HI+N" crossorigin="anonymous">
    <title>javascript</title>    <link rel="stylesheet"
href="{{url_for('static',filename='css/main.css')}}">    </head>

<body>
    <section class="bg-white position-sticky borderbottom border-
light" style="top: 0; z-index: 20;">
        <nav class="navbar navbar-expand-lg navbar-light">
            <a class="navbar-brand" href="#"></a>
            <ul class="navbar-nav ml-auto">
                <li class="nav-item ">                <a class="nav-link
active" style="color:#ffffff;" href="/index">HOME <span
class="sr-only">(current)</span></a>
                </li>
                <li class="nav-item">                <a class="nav-link"
style="color:#ffffff;" href="/register">REGISTER</a>
                </li>
                <li class="nav-item">                <a class="nav-link"
style="color:#ffffff;" href="/login">LOGIN</a>
                </li>

            </ul>
        </div>        </nav>
    </section>
    <section class="section-main">
        <div class="container">
            <div class="row mx-auto ">

                <div class="col d-flex justify-content-center align-
items-center">                <div class="box">

```



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

OUTPUT SCREEN:

DATABASE :

The screenshot shows the IBM Db2 on Cloud web interface. The top navigation bar includes 'Load Data', 'Load History', 'Tables', 'Views', 'Indexes', 'Aliases', 'MQTs', 'Sequences', and 'Application objects'. The 'Tables' tab is selected. On the left, the 'Schemas' panel shows a table with columns 'Name', 'Type', and 'Tables'. It contains one entry: 'NXF43498' of type 'User' with 1 table. On the right, the 'Tables' panel shows a table with columns 'Name', 'Schema', and 'Properties'. It contains one entry: 'STUDENT_DB' in schema 'NXF43498'. Both panels have a 'Total: 1, selected: 1' status at the bottom.

Name	Type	Tables
NXF43498	User	1

Name	Schema	Properties
STUDENT_DB	NXF43498	---

INDEX PAGE:

