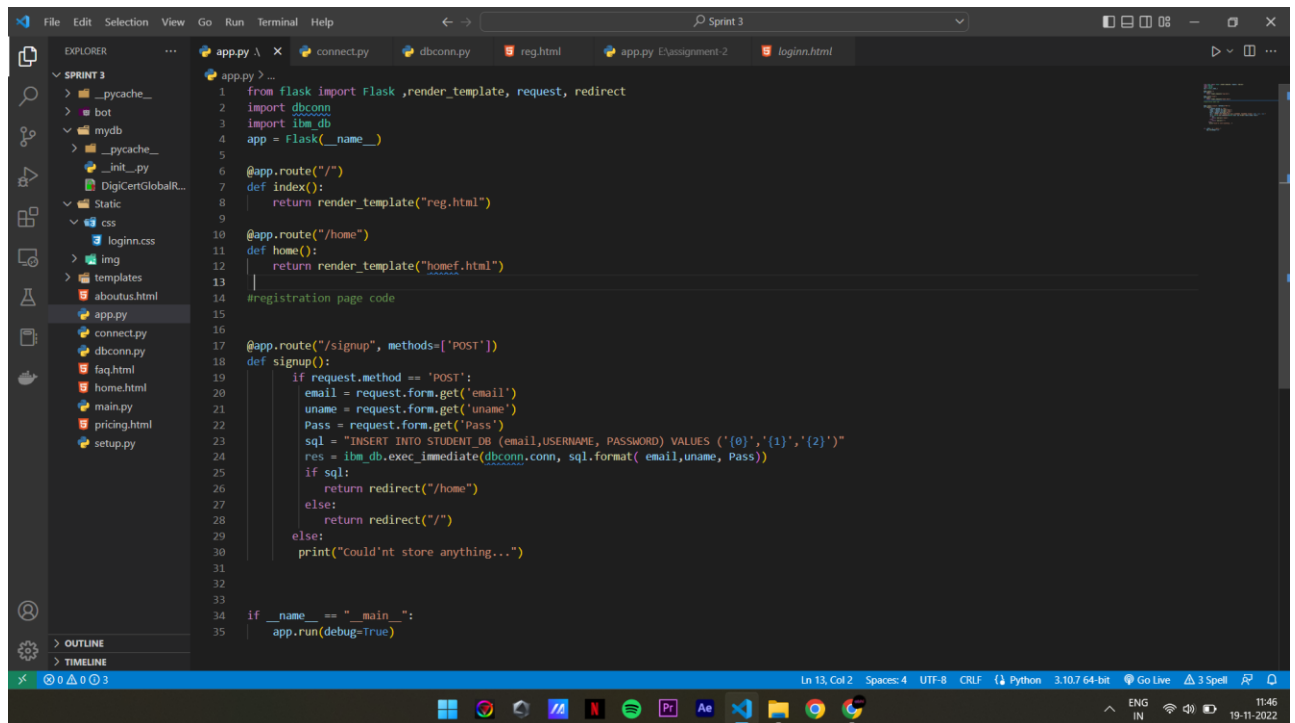


## Project Development Phase

### Sprint - 3

Date	18 November 2022
Team ID	PNT2022TMID42734
Project Name	Smart fashion recommender application

### Connecting IBM DB2:



The screenshot shows a Visual Studio Code editor window with a Python Flask application. The Explorer sidebar on the left shows a project structure for 'SPRINT 3' with files like `_pycache_`, `bot`, `mydb`, `_pycache_`, `_init_.py`, `DigiCentGlobalR...`, `Static`, `css`, `loginn.css`, `img`, `templates`, `aboutus.html`, `app.py`, `connect.py`, `dbconn.py`, `faq.html`, `home.html`, `main.py`, `pricing.html`, and `setup.py`. The main editor displays the `app.py` file, which is a Flask application. The code includes imports for `Flask`, `render_template`, `request`, and `redirect` from `Flask`, and `dbconn` from `dbconn.py`. It defines a `Flask` app and routes for `index`, `home`, and `signup`. The `signup` route is a POST endpoint that handles user registration by inserting data into the `STUDENT_DB` using `dbconn`. The status bar at the bottom indicates the file is at line 13, column 2, using UTF-8 encoding, and the Python interpreter is 3.10.7 64-bit.

```
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 @app.route("/signup", methods=['POST'])
17 def signup():
18     if request.method == 'POST':
19         email = request.form.get('email')
20         uname = request.form.get('uname')
21         Pass = request.form.get('Pass')
22         sql = "INSERT INTO STUDENT_DB (email,USERNAME, PASSWORD) VALUES ('{0}','{1}','{2}')"
23         res = ibm_db.exec_immediate(dbconn.conn, sql.format( email,uname,Pass))
24         if sql:
25             return redirect("/home")
26         else:
27             return redirect("/")
28     else:
29         print("Could't store anything...")
30
31
32
33
34 if __name__ == "__main__":
35     app.run(debug=True)
```

IBM Db2 on Cloud

Load DataLoad History**Tables**ViewsIndexesAliasesMQTsSequencesApplication objects

Find schemas or tables

Refresh

Schemas

<input checked="" type="checkbox"/>	Name	Type	Tables
<input checked="" type="checkbox"/>	NXP43498	User	1

Total: 1, selected: 1

Tables

New table

<input type="checkbox"/>	Name	Schema	Properties
<input type="checkbox"/>	STUDENT_DB	NXP43498	...

Total: 1, selected: 0

IBM Db2 on Cloud

IBM Db2 on Cloud

Find schemas or tables

Refresh

Load Data

Load History

Tables

Views

Indexes

Aliases

MQTs

Sequences

Application objects

SQL

Schema

Tables

Views

Indexes

Aliases

MQTs

Sequences

Application objects

Tables

New table

Name	Schema	Properties
STUDENT_DB	NXP43498	...

Total: 1, selected: 0

Table definition

STUDENT\_DB

No statistics available.

Name	Data type	Nullable	Length	Scale
e-mail	LONG VARCHAR	Y	32700	0
USERNAME	VARCHAR	Y	32	0
roll-no	INTEGER	Y		0
PASSWORD	VARCHAR	Y	32	0

View data

Windows Taskbar

System Tray

