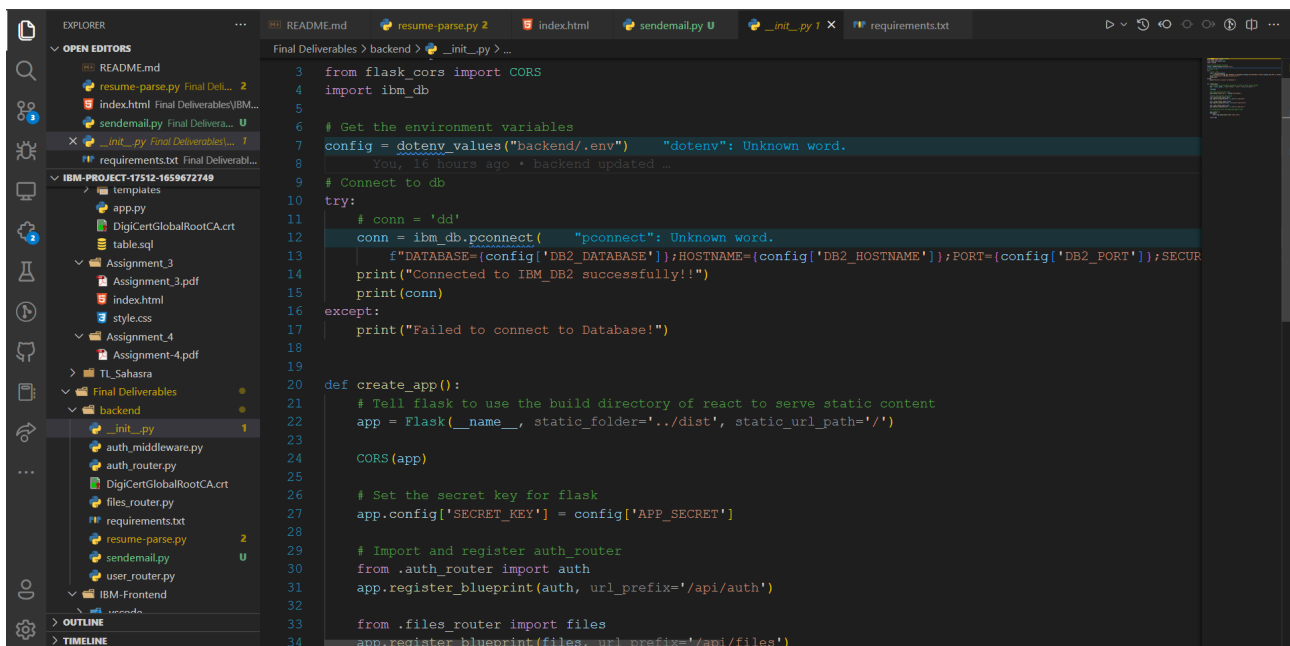


Implementing Web Application

Create IBM DB2 And Connect With Python

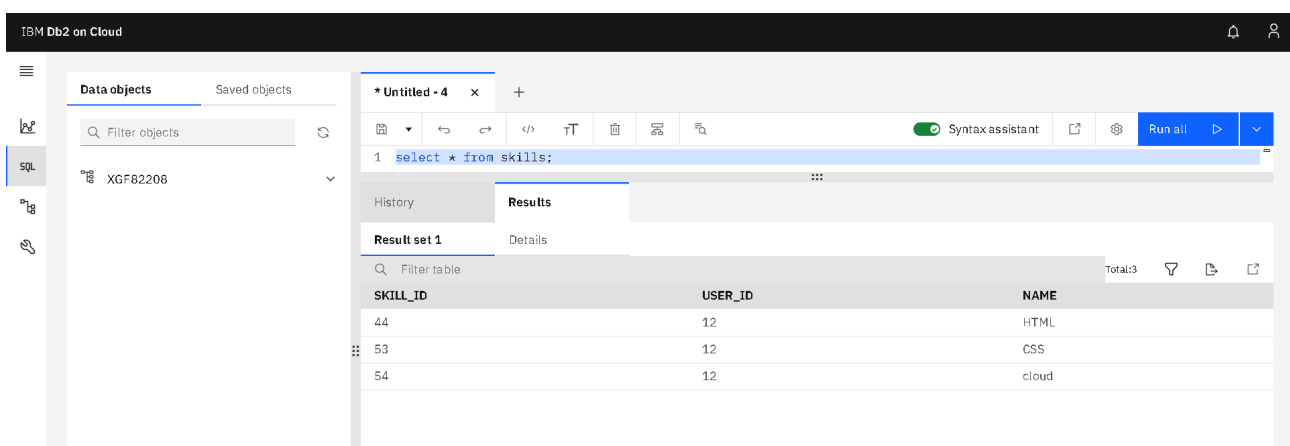
Team ID	PNT2022TMID04674
Project Name	Skill/Job Recommender Application

Code:



```
3 from flask_cors import CORS
4 import ibm_db
5
6 # Get the environment variables
7 config = dotenv_values("backend/.env")
8 # Connect to db
9
10 try:
11     conn = 'dd'
12     conn = ibm_db.pconnect(
13         f"DATABASE={config['DB2_DATABASE']};HOSTNAME={config['DB2_HOSTNAME']};PORT={config['DB2_PORT']};SECUR
14     print("Connected to IBM_DB2 successfully!!")
15     print(conn)
16 except:
17     print("Failed to connect to Database!")
18
19
20 def create_app():
21     # Tell flask to use the build directory of react to serve static content
22     app = Flask(__name__, static_folder='./dist', static_url_path='/')
23
24     CORS(app)
25
26     # Set the secret key for flask
27     app.config['SECRET_KEY'] = config['APP_SECRET']
28
29     # Import and register auth_router
30     from .auth_router import auth
31     app.register_blueprint(auth, url_prefix='/api/auth')
32
33     from .files_router import files
34     app.register_blueprint(files, url_prefix='/api/files')
```

Database:



IBM Db2 on Cloud

Data objects | Saved objects

Filter objects

XGf82208

SQL

*Untitled - 4 x

1 select * from skills;

History | Results

Result set 1

Filter table

Total:3

SKILL_ID	USER_ID	NAME
44	12	HTML
53	12	CSS
54	12	cloud

Source code - [Github\(Team id -PNT2022TMID04674\)](#)