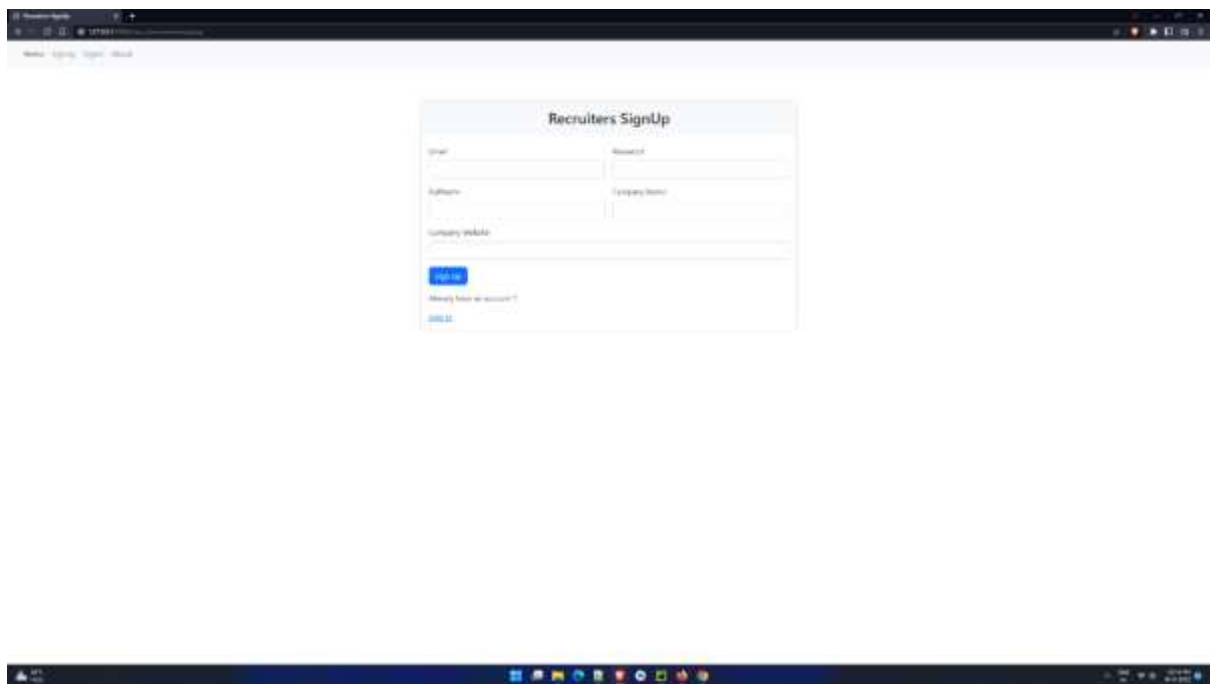
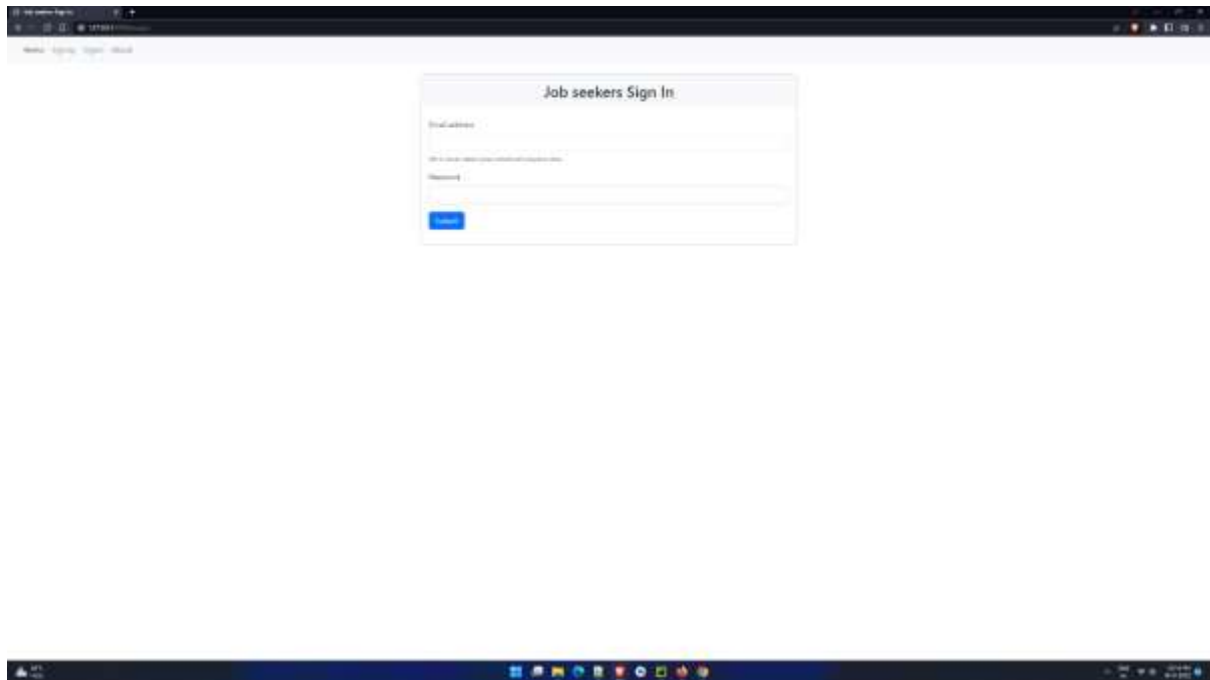


## IMPLEMENTING WEB APPLICATION

DATE	18-11-2022
TEAM ID	PNT2022TMID34860
PROJECT NAME	Skill/Job Recommender Application

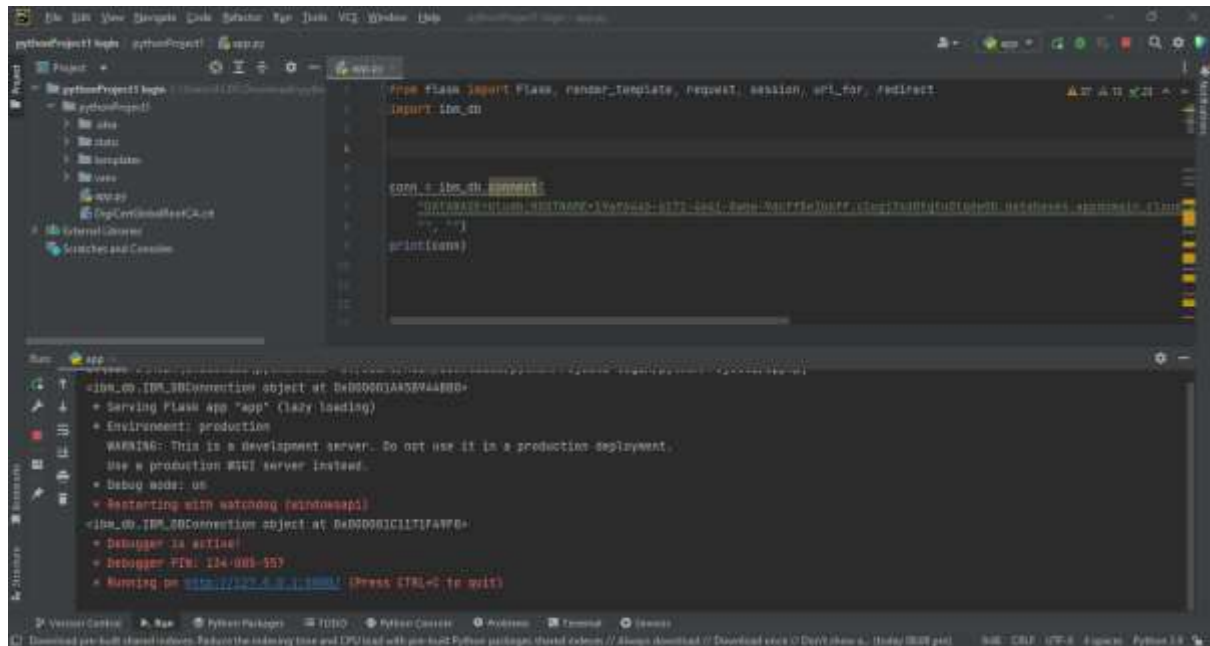
### CREATING UI TO INTERACT WITH APPLICATION:







## CREATING IBM DB2 AND CONNECT WITH PYTHON:



The screenshot displays a VS Code editor window with a project named 'pythonProject1' open. The file explorer on the left shows the project structure, including 'app.py'. The main editor area shows the code for 'app.py', which is a Flask application. The code imports Flask, render\_template, request, session, url\_for, and redirect. It defines a route for '/ibm\_db' that connects to an IBM DB2 database and prints the connection object. The terminal at the bottom shows the output of running the application, indicating that the connection was successful and the application is running on port 5050.

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

conn = ibm_db.connect(
    'DATABASE=VTDB,HOSTNAME=192.168.1.101,PORT=5050,UID=db2user,PWD=db2password,APPNAME=flask'
)
print(conn)
```

Running the application in the terminal shows the following output:

```
<ibm_db.IBM_DBConnection object at 0x000001A55894A8B0>
+ Serving Flask app "app" (lazy loading)
+ Environment: production
  WARNING: This is a development server. Do not use it in a production deployment.
  Use a production WSGI server instead.
+ Debug mode: on
+ Restarting with watchdog (windowsapi)
<ibm_db.IBM_DBConnection object at 0x000001C1171FA9F0>
+ Debugger is active
+ Debugger PIN: 114-081-953
+ Running on http://127.0.0.1:5050/ (Press CTRL+C to quit)
```