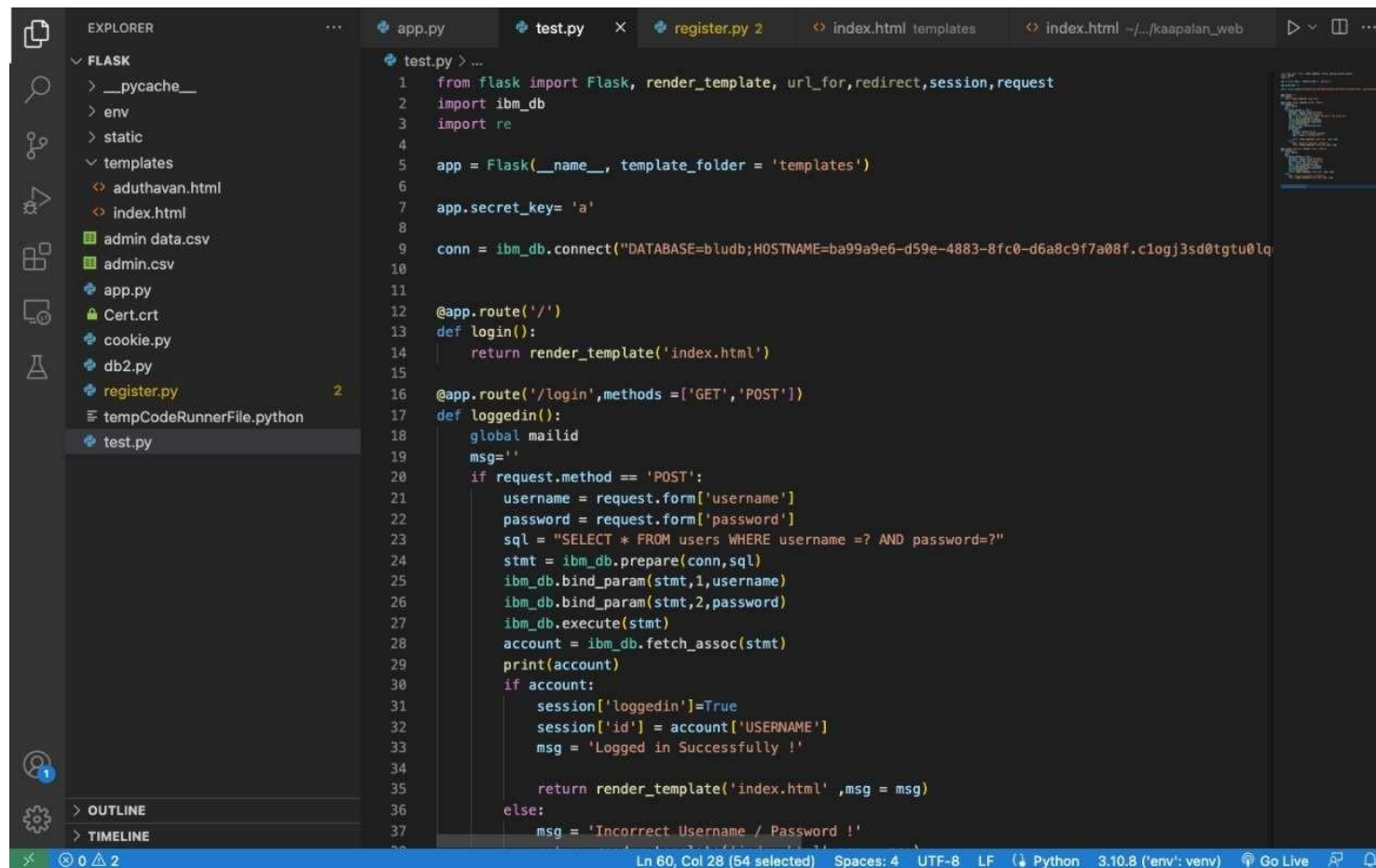


IMPLEMENTING WEB APPLICATION

Create An Account CREATEUITOINTERACTWITHAPPPLICATION

Date	14 Novermber 2022
Team ID	PNT2022TMID37158
Project Name	INVENTORY MANAGEMENT SYSTEM

CREATE UI TO INTERACT WITH APPPLICATIONt:



```
1 from flask import Flask, render_template, url_for, redirect, session, request
2 import ibm_db
3 import re
4
5 app = Flask(__name__, template_folder = 'templates')
6
7 app.secret_key= 'a'
8
9 conn = ibm_db.connect("DATABASE=bludb;HOSTNAME=ba99a9e6-d59e-4883-8fc0-d6a8c9f7a08f.clogj3sd0tgtu0lq
10
11
12 @app.route('/')
13 def login():
14     return render_template('index.html')
15
16 @app.route('/login', methods = ['GET', 'POST'])
17 def loggedin():
18     global mailid
19     msg=''
20     if request.method == 'POST':
21         username = request.form['username']
22         password = request.form['password']
23         sql = "SELECT * FROM users WHERE username=? AND password=?"
24         stmt = ibm_db.prepare(conn,sql)
25         ibm_db.bind_param(stmt,1,username)
26         ibm_db.bind_param(stmt,2,password)
27         ibm_db.execute(stmt)
28         account = ibm_db.fetch_assoc(stmt)
29         print(account)
30         if account:
31             session['loggedin']=True
32             session['id'] = account['USERNAME']
33             msg = 'Logged in Successfully !'
34         return render_template('index.html' ,msg = msg)
35     else:
36         msg = 'Incorrect Username / Password !'
37
```

The screenshot shows a VS Code editor with a project named 'kaapalan_web'. The Explorer sidebar on the left shows a file structure with a 'FLASK' folder containing 'aduthavan.html' and 'index.html', and an 'admin' folder containing 'admin.data.csv' and 'admin.csv'. The main editor window displays the 'register.py' file, which contains the following Python code:

```
34         return render_template('index.html', msg = msg)
35     else:
36         msg = 'Incorrect Username / Password !'
37         return render_template('index.html', msg = msg)
38
39
40 @app.route('/register', methods = ['GET', 'POST'])
41 def register():
42     global mailid
43     msg = ''
44     if request.method == 'POST':
45         username = request.form['username']
46         password = request.form['password']
47         sql = "INSERT INTO USER VALUES(?,?)"
48         stmt = ibm_db.prepare(conn, sql)
49         ibm_db.bind_param(stmt, 1, username)
50         ibm_db.bind_param(stmt, 2, password)
51         ibm_db.execute(stmt)
52         return render_template('index.html', msg = msg)
53     else:
54         msg = 'Incorrect Username / Password !'
55         return render_template('index.html', msg = msg)
56
57
58
59 if __name__ == "__main__":
60     app.run(host='0.0.0.0')
61
62
```

The status bar at the bottom indicates the current position is Line 52, Column 56, with 4 spaces, UTF-8 encoding, and LF line endings. The Python version is 3.10.8, and the environment is 'venv'. The 'Go Live' button is also visible.