from flask import Flask, render\_template, request, redirect, url\_for, session

import ibm\_db

import re

app = Flask(\_\_name\_\_)

hostname = '19af6446-6171-4523-8aba-9dcff8e1b6ff.c1ogj3sd0tgtu0lqde00.databases.appdomain.cloud'

uid = 'sfr69790'

pwd = 'VFRS0bFKFeIhMbcq'

driver = "{IBM DB2 ODBC DRIVER}"

db\_name = 'Bludb'

port = '30699'

protocol = 'TCPIP'

cert = "C:/Users/Admin/Desktop/IBM/TEST/certi.crt"

dsn = (

"DATABASE ={0};"

"HOSTNAME ={1};"

"PORT ={2};"

"UID ={3};"

"SECURITY=SSL;"

"PROTOCOL={4};"

"PWD ={6};"

).format(db\_name, hostname, port, uid, protocol, cert, pwd)

connection = ibm\_db.connect(dsn, "", "")

print()

# query = "SELECT username FROM USER1 WHERE username=?"

# stmt = ibm\_db.prepare(connection, query)

# ibm\_db.bind\_param(stmt, 1, username)

# ibm\_db.execute(stmt)

# username = ibm\_db.fetch\_assoc(stmt)

# print(username)

app.secret\_key = 'a'

@app.route('/', methods=['GET', 'POST'])

@app.route('/register', methods=['GET', 'POST'])

def register():

msg = " "

if request.method == 'POST':

username = request.form['username']

email\_id = request.form['email\_id']

phone\_no = request.form['phone\_no']

password = request.form['password']

query = "SELECT \* FROM USER1 WHERE username=?;"

stmt = ibm\_db.prepare(connection, query)

ibm\_db.bind\_param(stmt, 1, username)

ibm\_db.execute(stmt)

account = ibm\_db.fetch\_assoc(stmt)

if (account):

msg = "Account already exists!"

return render\_template('register.html', msg=msg)

# elif not re.match(r'[^@]+@[^@]+\.[^@]+', email\_id):

# msg = "Invalid email addres"

# elif not re.match(r'[A-Za-z0-9+', username):

# msg = "Name must contain only characters and numbers"

else:

query = "INSERT INTO USER1 values(?,?,?,?)"

stmt = ibm\_db.prepare(connection, query)

ibm\_db.bind\_param(stmt, 1, username)

ibm\_db.bind\_param(stmt, 2, email\_id)

ibm\_db.bind\_param(stmt, 3, phone\_no)

ibm\_db.bind\_param(stmt, 4, password)

ibm\_db.execute(stmt)

msg = 'You have successfully Logged In!!'

return render\_template('login.html', msg=msg)

else:

msg = 'PLEASE FILL OUT OF THE FORM'

return render\_template('register.html', msg=msg)

@app.route('/login', methods=['GET', 'POST'])

def login():

global userid

msg = ' '

if request.method == "POST":

username = request.form['username']

password = request.form['password']

query = "select \* from user1 where username=? and password=?"

stmt = ibm\_db.prepare(connection, query)

ibm\_db.bind\_param(stmt, 1, username)

ibm\_db.bind\_param(stmt, 2, password)

ibm\_db.execute(stmt)

account = ibm\_db.fetch\_assoc(stmt)

print(account)

if account:

session['Loggedin'] = True

session['id'] = account['USERNAME']

session['username'] = account['USERNAME']

msg = 'Logged in Successfully'

return render\_template('welcome.html', msg=msg, username=str.upper(username))

else:

msg = 'Incorrect Username or Password'

return render\_template('login.html', msg=msg)

else:

msg = 'PLEASE FILL OUT OF THE FORM'

return render\_template('login.html', msg=msg)

@app.route('/welcome', methods=['GET', 'POST'])

def welcome():

if request.method == 'POST':

username = request.form['username']

print(username)

return render\_template('welcome.html', username=username)

else:

return render\_template('welcome.html', username=username)

if \_\_name\_\_ == "\_\_main\_\_":

app.run(debug=True)

app.run(host='0.0.0.0')