PYTHON CODE

Date	19 November 2022
Team ID	PNT2022TMID29862
Project Name	AI-based discourse for Banking Industry

APP.PY

```python
import email

from email import message

from importlib.resources import contents

from tkinter import S

from turtle import title

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

from pyexpat import model

from werkzeug.utils import secure_filename

import ibm_db

from flask_mail import Mail, Message

from markupsafe import escape

from flask import Flask,render_template,request

import requests

app = Flask(_name_)

app.secret_key = b'_5#y2L"F4Q8z\n\Xec]/'

mail = Mail(app)

conn = ibm_db.connect("DATABASE=bludb;HOSTNAME=1bbf73c5-d84a-4bb0-85b9-
ab1a4348f4a4.c3n41cmd0nqnrk39u98g.databases.appdomain.cloud;PORT=32286;SECURITY=
SSL;SSLServerCertificate=DigiCertGlobalRootCA.crt;UID=hzj88231;PWD=z8f4ZiZ171T0FvR
1",",",")

print(conn)

print("connection successful...")

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

```python
def signup():
   return render_template('signup.html')
@app.route('/login', methods=['GET','POST'])
def login():
   return render_template('login.html')
@app.route('/index')
def index():
   return render_template('index.html')
@app.route('/account')
def account():
   return render_template('account.html')
@app.route('/aboutus')
def aboutus():
   return render_template('aboutus.html')
@app.route('/services')
def services():
   return render_template('services.html')
@app.route('/register', methods=['GET', 'POST'])
def register():
   if request.method == 'POST':
      uname = request.form['uname']
      mail = request.form['email']
      phone = request.form['phone']
      password = request.form['password']
      sql = "SELECT * FROM customer WHERE email=?"
      stmt = ibm_db.prepare(conn, sql)
      ibm_db.bind_param(stmt,1,mail)
      ibm_db.execute(stmt)
```

```python
        account = ibm_db.fetch_assoc(stmt)
    if account:
        return render_template('index.html', msg="You are already a member, please login using
your details....")
    else:
      insert_sql = "INSERT INTO customer VALUES (?,?,?,?)"
      prep_stmt = ibm_db.prepare(conn, insert_sql)
      ibm_db.bind_param(prep_stmt, 1, uname)
      ibm_db.bind_param(prep_stmt, 2, mail)
      ibm_db.bind_param(prep_stmt, 3, phone)
      ibm_db.bind_param(prep_stmt, 4, password)
      ibm_db.execute(prep_stmt)
    return render_template('login.html', msg="Student Data saved successfuly..")
@app.route('/signin', methods=['GET', 'POST'])
def signin():
    sec = ''
    if request.method == 'POST':
        mail = request.form['email']
        password = request.form['password']
        sql = f"select * from customer where email='{escape(mail)}' and password=
'{escape(password)}'"
        stmt = ibm_db.exec_immediate(conn, sql)
        data = ibm_db.fetch_both(stmt)
        if data:
            session["mail"] = escape(mail)
            session["password"] = escape(password)
            return redirect(url_for('index'))
        else:
            return render_template('login.html',msg = "Invalid email/ Password or Not registered!!?")
```

```python
    return "not going to happen dickhead!!??"
if _name_ == '_main_':
    app.run(host='0.0.0.0', debug=True)
```