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

import ibm_db

from mail import *


conn = ibm_db.connect(

"DATABASE=#;HOSTNAME=#;PORT=#;SECURITY=SSL;SSLServerCertificate=DigiCertGlobalRootCA.crt;UID
=#;PWD=#",

    ", ")


app=Flask(__name__)
app.secret_key = b'_5#y2L"F4Q8z\n\xec]/'


@app.route('/',methods=['POST','GET'])
def sign_in():
    all_users=[]


    if request.method=='POST':
        user_email=request.form['email']
        user_password=request.form['password']
        session['email'] = request.form['email']
        print(user_email,user_password)
        sql = "SELECT * FROM user"
        stmt = ibm_db.exec_immediate(conn, sql)
        users = ibm_db.fetch_both(stmt)
        while users != False:
            # print ("The Name is : ", dictionary)
            all_users.append(users)

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        users = ibm_db.fetch_both(stmt)
    for user in all_users:
        if user_email == user['EMAIL']:
            if user_password == user['PASSWORD']:
                return redirect('/home')
            else:
                flash("Incorrect Password")
                return render_template('sign_in.html')
        else:
            flash("Account doesn't exist")
            return render_template('sign_in.html')
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    else:
        if 'email' in session:
            return redirect('/home')
        return render_template('sign_in.html')
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@app.route('/sign_up', methods=['POST', 'GET'])
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def sign_up():
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    all_users = []
    if request.method == 'POST':
        user_name = request.form['name']
        user_email = request.form['email']
        user_country = request.form['country']
        user_phone = request.form['phone']
        user_password = request.form['password']
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user_confirm_password = request.form['confirm_password']

print(user_name,user_email,user_country,user_phone,user_password,user_confirm_password)

sql = "SELECT * FROM user"

stmt = ibm_db.exec_immediate(conn, sql)

users = ibm_db.fetch_both(stmt)

while users != False:

    # print ("The Name is : ", dictionary)

    all_users.append(users)

    users = ibm_db.fetch_both(stmt)

for user in all_users:

    if user_email == user['EMAIL']:

        session.pop('email', None)

        flash("Account already exist")

        return redirect("/")


session['email'] = request.form['email']

session['name'] = request.form['name']

session['country'] = request.form['country']

session['phone'] = request.form['phone']

session['password'] = request.form['password']

return redirect('/otp')


else:

    return render_template('sign_up.html')


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

    if request.method == 'POST':

        user_email = request.form['email']

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print(user_email)

sql = "SELECT PASSWORD FROM user WHERE email =?"

stmt = ibm_db.prepare(conn, sql)

ibm_db.bind_param(stmt, 1, user_email)

ibm_db.execute(stmt)

account = ibm_db.fetch_assoc(stmt)

if account:

    print(account['PASSWORD'])

    pwd="<strong>PASSWORD:<strong>" + account['PASSWORD']

    send_mail(user_email, "Your password has been received",pwd,None)

    session.pop('email', None)

    flash('Your password has been sent')

    return redirect("/")

else:

    flash("Account doesn't exist")

    return redirect('/forget_password')

else:

    return render_template('forget_password.html')

@app.route('/home')

def home():

    return "home"

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