**SourceCode:**

fromglobimport escape

from flask import Flask, render\_template, request, redirect, url\_for, sessionimport ibm\_db

app =Flask( name )

conn = ibm\_db.connect("DATABASE=bludb;HOSTNAME=8e359033-a1c9-4643-82ef-

8ac06f5107eb.bs2io90l08kqb1od8lcg.databases.appdomain.cloud;PORT=30120;SECURITY=SSL;SSLServerCertificate=DigiCertGlobalRootCA.crt;UID=llm 42743;PWD=nFrTGszAPOQk3sAp",'','')

@app.route('/')

deflogin():

returnrender\_template('signin.html')

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

defgetUser():

if request.method == 'POST':user=request.form['uname']

password=request.form['upwd']

sql = "SELECT \* FROM CUSTOMERS where Email = ?"stmt =ibm\_db.prepare(conn,sql)

email=user

# Explicitly bind parametersibm\_db.bind\_param(stmt, 1,user)ibm\_db.execute(stmt)

dictionary = ibm\_db.fetch\_assoc(stmt)pwd=dictionary["PASSWORD"]

ifpassword!=pwd:

returnrender\_template('error.html')

returnrender\_template('base.html')

@app.route('/signup.html')

defputUser():

returnrender\_template('register1.html')

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

defstoredUser():

if request.method == 'POST':fname = request.form['fname']lname = request.form['lname']mail = request.form['mail']npwd = request.form['npwd']cpwd=request.form['cpwd']

res =fname+lname + mail+npwd +cpwd

ifnpwd !=cpwd:

returnrender\_template('register1.html')

sql = "INSERT INTO customers(FirstName,LastName,Email,password,confirmpassword)VALUES(?,?,?,?,?);"

stmt = ibm\_db.prepare(conn, sql)ibm\_db.bind\_param(stmt,1,fname)

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

ibm\_db.bind\_param(stmt,3,mail)

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

ibm\_db.bind\_param(stmt, 5, cpwd)ibm\_db.execute(stmt)

returnrender\_template('login.html')

if name ==' main ':

# run() method of Flask class runs the application# on the local development server.app.run(debug=True)

**GitHub&ProjectDemoLink**

**GitHub Link:**

<https://github.com/IBM-EPBL/IBM-Project-19151-1659693825>

**Project Demo Link:**

<https://youtu.be/GlunBGfpl6I>

**Project Document Link:**