PROJECT DEVELOPMENT PHASE

Project Development-Delivery of sprint-1

REGISTRATION:

Register.html:

<html>

<head>

<title>Registration</title>

<link rel="stylesheet" type="text/css" href="{{url\_for('static',filename='newstyle.css')}}">

<link rel="stylesheet" type="text/css" href="{{url\_for('static',filename='font/css/all.min.css')}}">

<nav class="header">

<ul>

<li><a href="/about1" ><i class="fa-regular fa-address-card"></i> About us</a></li>

<li><a href="/register1" ><i class="fa fa-edit"></i> Register</a></li>

<li><a href="/login1" ><i class="fa-solid fa-right-to-bracket"></i> login</a></li>

<li><a href="/" ><i class="fa-solid fa-house"></i> Home</a></li>

</ul>

</nav>

</head>

<body>

<br><br><br><br><br><br><br><br>

<center>

<fieldset class="form" style="width:500px; height:600px; aglin:center;">

<legend style="font-size:30px;">Register</legend>

<form action="{{ url\_for('register') }}" method="post">

<br><br>

<div class="msg">{{ msg }}</div>

<br><br>

<label>User Name</label>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

<input type="text" name="username" placeholder="Enter user name">

<br><br><br>

<label>Email</label>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

<input type="email" name="email" placeholder="Enter email">

<br><br><br>

<label>Password</label>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

<input id="password" name="password" type="password" placeholder="Enter Your Password" />

</br></br></br>

<label>Confirm Password</label>&nbsp;&nbsp;&nbsp;&nbsp;

<input id="confirmpassword" name="confirmpassword" type="password" placeholder="confirm Password" />

</br></br></br>

<label>Phone Number</label>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

<input type="text" name="no" placeholder="Enter Pohne Number" >

<br><br><br>

<p><center><input class="button" type="Submit" value="REGISTER"/></center></p>

<p>Do you have an account? <a href="/login"> Sign In here</a></p>

</form>

</fieldset>

</center>

</body>

</html>

App.py

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

import ibm\_db

import re

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

Conn=ibm\_db.connect("database=bludb;hostname=98538591-7217-4024-b027-8baa776ffad1.c3n41cmd0nqnrk39u98g.databases.appdomain.cloud;port=30875;SECURITY=SSL;SSLServerCertificate=DigiCertGlobalRootCA.crt;uid=brv13326;pwd=c3GnX6SgfSkf3dyS" , '','')

@app.route('/')

def home():

return render\_template('home.html')

@app.route('/login1')

def login1():

return render\_template('login.html')

@app.route('/register1')

def register1():

return render\_template('register.html')

@app.route('/about1')

def about1():

return render\_template('about.html')

@app.route('/help1')

def help1():

return render\_template('help.html')

@app.route('/report')

def report():

return render\_template('report.html')

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

def login():

global userid

msg = ''

if request.method == 'POST'and 'username' in request.form and 'password' in request.form:

username = request.form['username']

password = request.form['password']

stmt = ibm\_db.prepare(Conn,'SELECT \* FROM users WHERE username = ? AND password = ?')

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

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

ibm\_db.execute(stmt)

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

if account:

session['loggedin'] = True

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

msg = 'Logged in successfully !'

return render\_template('home2.html', msg = msg)

else:

msg = 'Incorrect username / password !'

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

@app.route('/logout')

def logout():

session.pop('loggedin', None)

session.pop('id', None)

session.pop('username', None)

return redirect(url\_for('login'))

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

def register():

msg = ''

if request.method == 'POST':

username = request.form['username']

password = request.form['password']

email = request.form['email']

phone\_no=request.form['no']

sql = "SELECT \* FROM users WHERE username = ? "

stmt = ibm\_db.prepare(Conn,sql)

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

ibm\_db.execute(stmt)

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

print(account)

if account:

msg = 'Account already exists !'

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

msg = 'Invalid email address !'

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

msg = 'Username must contain only characters and numbers !'

elif not username or not password or not email:

msg = 'Please fill out the form !'

else:

insert\_sql = "INSERT INTO users VALUES (?, ?, ?,?)"

stmt = ibm\_db.prepare(Conn,insert\_sql)

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

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

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

ibm\_db.bind\_param(stmt, 4, phone\_no)

ibm\_db.execute(stmt)

msg = 'You have successfully registered !'

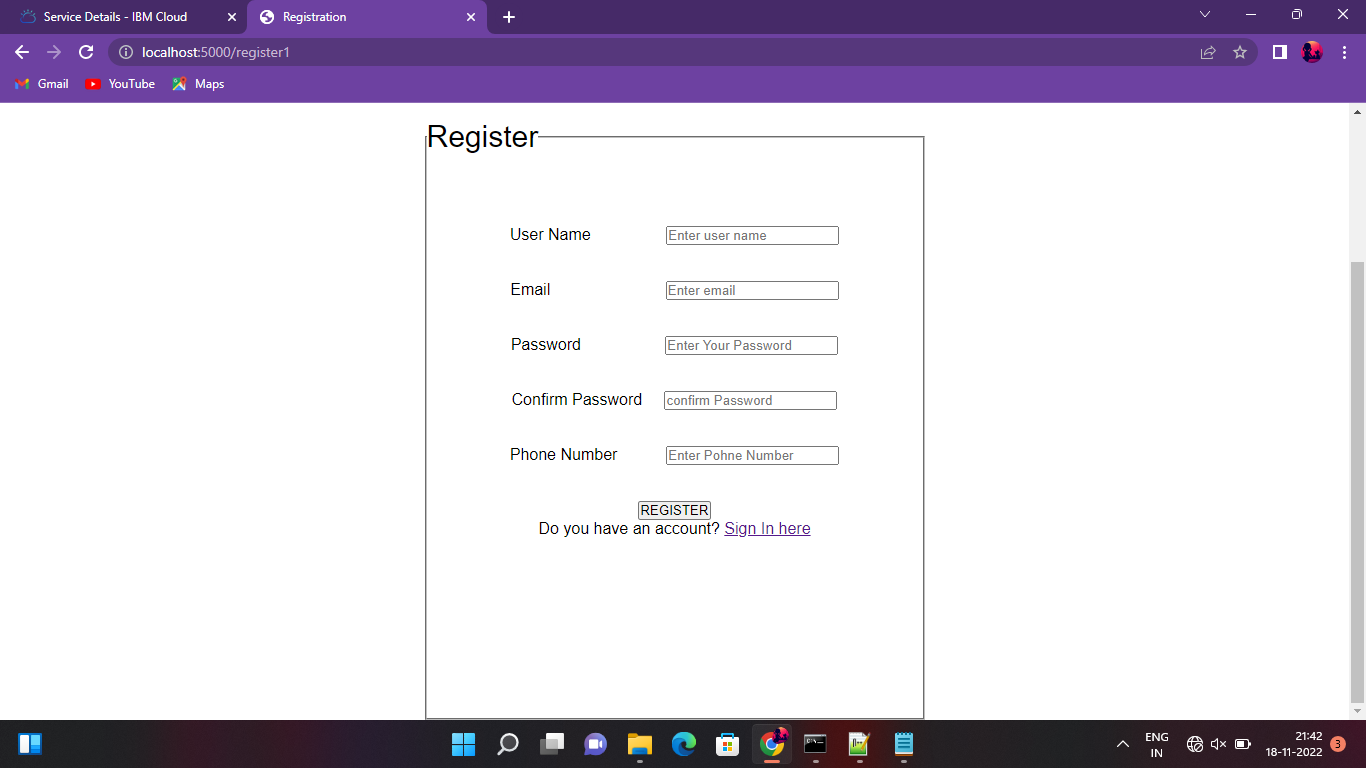
elif request.method == 'POST':

msg = 'Please fill out the form !'

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

if \_\_name\_\_=='\_\_main\_\_':

app.run(debug=True)



LOGIN:

Login.html

<html>

<head>

<meta charset="UTF-8">

<title> Login </title>

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</ul>

</nav>

</head>

<body></br></br></br></br></br><center>

<fieldset class="form" style="width:500px; height:300px; aglin:center;">

<legend style="font-size:30px;">Login</legend>

<form action="{{ url\_for('login') }}" method="post" align="center">

</br></br>

<div class="msg">{{ msg }}</div>

</br></br>

<label>User Name</label>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

<input id="username" name="username" type="text" placeholder="Enter Your Username" /></br></br>

<label>Password</label>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

<input id="password" name="password" type="password" placeholder="Enter Your Password" /></br></br></br>

<input class="button" type="submit" value="Sign In"></br></br>

<p>Don't have an account? <a href="/register"> Sign Up here</a></p>

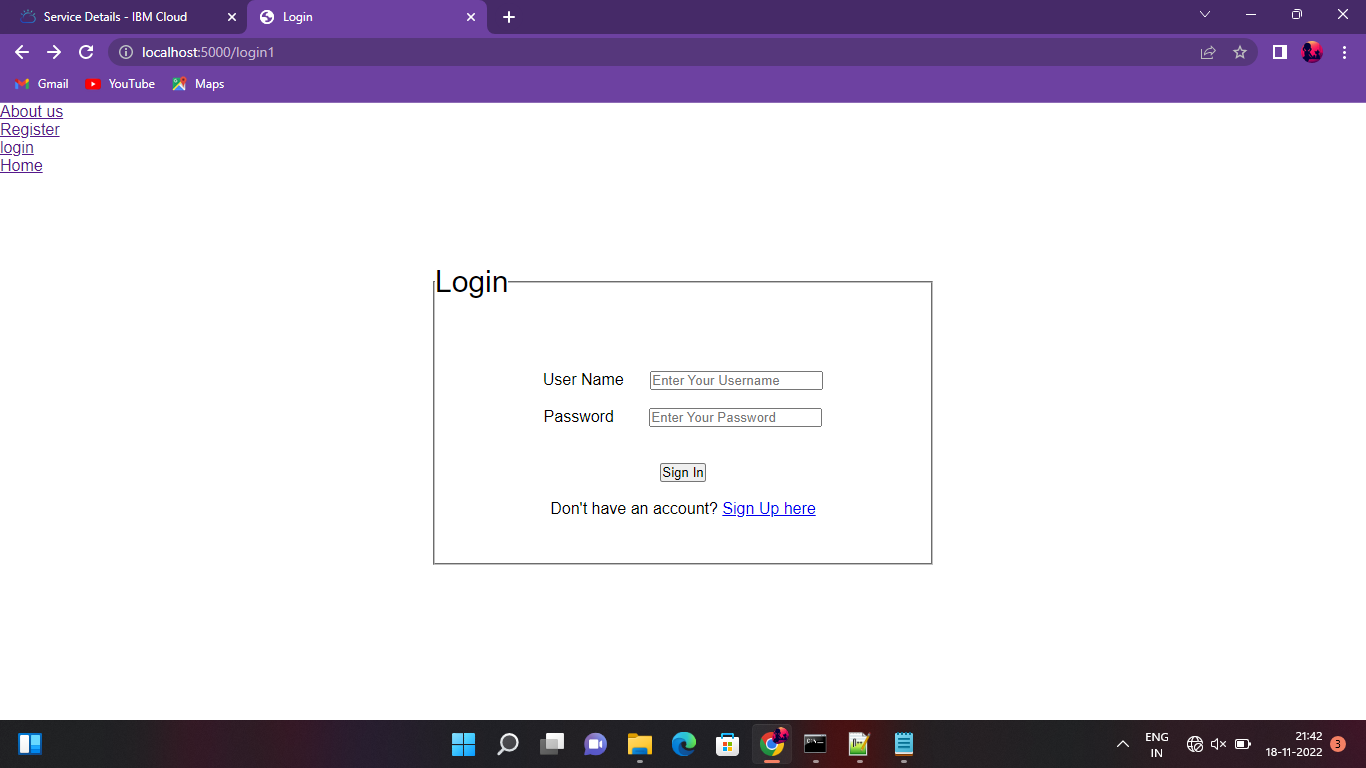
</form>

</fieldset>

</center>

</body>

</html>



LOGOUT:

@app.route(‘/logout’)

Def logout():

Session.pop(‘loggedin’,None)

Session.pop(‘id’,None

Session.pop(‘username’,None)

Return redirect(url\_for(‘login’))