

TEAM ID PNT2022TMID02852

PROJECT NAME SMART FASHION RECOMMENDER APP

Sprint1.py:

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

import ibm_db

import reSprint1.py:

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

import ibm_db

import re

app = Flask(__name__)

app.secret_key = 'a'

conn = ibm_db.connect("DATABASE=bludb;HOSTNAME=9938aec0-8105-433e-8bf9-
0fbb7e483086.c1ogj3sd0tgtu0lqde00.databases.appdomain.cloud;PORT=32459;Security=SSL;SSLSe
rverCertificate=DigiCertGlobalRootCA.crt;UID=dpk79343;PWD=29Jm7EbzOubtoerk", "", "")

@app.route('/')

def homer():

return render_template('login.html')

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

def login():

global userid

msg = ""

if request.method == 'POST':

    username = request.form['username']

    password = request.form['password']

    sql = "SELECT * FROM users WHERE username =? AND password=?"

    stmt = ibm_db.prepare(conn, sql)

    ibm_db.bind_param(stmt, 1, username)

    ibm_db.bind_param(stmt, 2, password)
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ibm_db.execute(stmt)
account = ibm_db.fetch_assoc(stmt)
print(account)
if account:
    session['loggedin'] = True
    session['id'] = account['USERNAME']
    userid = account['USERNAME']
    session['username'] = account['USERNAME']
    msg = 'Logged in successfully !'
    msg = 'Logged in successfully !'
    return render_template('homepage.html', msg=msg)
else:
    msg = 'Incorrect username / password !'
    return render_template('login.html', msg=msg)
@app.route('/Register', methods=['GET', 'POST'])
def registet():
    msg = ""
    if request.method == 'POST':
        username = request.form['username']
        email = request.form['email']
        password = request.form['password']
        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 !'

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

    msg = 'name must contain only characters and numbers !

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        ibm_db.bind_param(stmt, 1, username)

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        ibm_db.execute(stmt)

        account = ibm_db.fetch_assoc(stmt)

        print(account)

        if account:

            session['loggedin'] = True

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

            userid = account['USERNAME']

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

            msg = 'Logged in successfully !'

            msg = 'Logged in successfully !'

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return render_template('homepage.html', msg=msg)

else:

msg = 'Incorrect username / password !'

return render_template('login.html', msg=msg)

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

def registet():

    msg = ""

    if request.method == 'POST':

        username = request.form['username']

        email = request.form['email']

        password = request.form['password']

        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 = 'name must contain only characters and numbers !'

```