SPRINT - 1

Date	10 November 2022
Team ID	PNT2022TMID16242
Project Name	Project- Smart fashion Recommendation system
Story Points	20

1. Functional Requirements: Registration.

User story: USN-1.

Solution:

```
from turtle import st
from flask import Flask, render_template, request, redirect, url_for, session
from markupsafe import escape

import ibm_db
conn = ibm_db.connect("DATABASE=bludb;HOSTNAME=824dfd4d-99de-440d-9991-
629c01b3832d.bs2io90l08kqb1od8lcg.databases.appdomain.cloud;PORT=30119;SECURITY=SSL;SSLServerCertificate=DigiCert
GlobalRootCA.crt;UID=xhx40038;PWD=BDz5ow7439yj5PEd",'','')
print ("Database connection established", conn)

app = Flask(__name__)



@app.route('/')
def home():
  return render_template('home.html')

@app.route('/addstudent')
def new_student():
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  return render_template('add_student.html')
@app.route('/list')
def list():
  return render_template('list.html')

@app.route('/addrec',methods = ['POST', 'GET'])
def addrec():
  if request.method == 'POST':

    name = request.form['name']
    email = request.form['email']
    password = request.form['password']


    sql = "SELECT * FROM userdata WHERE name=? "
    stmt = ibm_db.prepare(conn, sql)
    ibm_db.bind_param(stmt,1,name)
    ibm_db.execute(stmt)
    account = ibm_db.fetch_assoc(stmt)

    if account:
      return render_template('list.html', msg="You are already a user, please login using your details")
    else:
      insert_sql = "INSERT INTO userdata VALUES (?,?,?)"
      prep_stmt = ibm_db.prepare(conn, insert_sql)
      ibm_db.bind_param(prep_stmt, 1, name)
      ibm_db.bind_param(prep_stmt, 2, email)
      ibm_db.bind_param(prep_stmt, 3, password)

      ibm_db.execute(prep_stmt)


    return render_template('home.html', msg="Registered successfully")



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

```
def check():

   if request.method == 'POST':

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

    sql = "SELECT * FROM userdata WHERE email=? and password= ?"
    stmt = ibm_db.prepare(conn, sql)
    ibm_db.bind_param(stmt,1,email)
    ibm_db.bind_param(stmt,2,password)

    ibm_db.execute(stmt)
    account = ibm_db.fetch_assoc(stmt)
    if account:
      return render_template('result.html', msg="")
    else:
      return render_template('list.html', msg="Please check your credentials!")




  # # while student != False:
  # #   print ("The Name is : ",  student)

  # print(student)


# @app.route('/posts/edit/<int:id>', methods=['GET', 'POST'])
# def edit(id):

#     post = BlogPost.query.get_or_404(id)

#     if request.method == 'POST':
#         post.title = request.form['title']
```

```
#         post.author = request.form['author']
#         post.content = request.form['content']
#         db.session.commit()
#         return redirect('/posts')
#     else:
#         return render_template('edit.html', post=post)
```

2. Functional Requirements: Verification.

User story: USN-2.

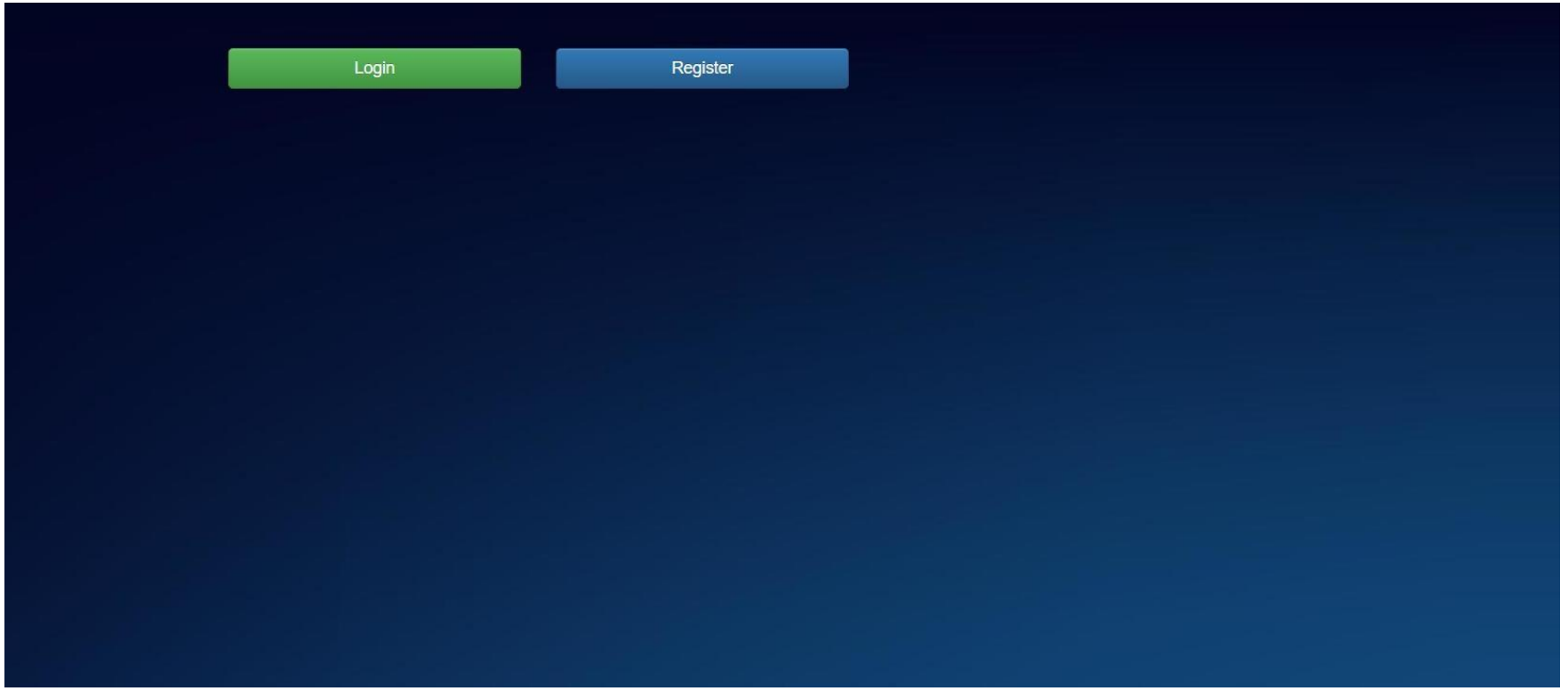
Solution:

```
CREATE TABLE userdata (
   name VARCHAR(250) NOT NULL,
   email VARCHAR(100) NOT NULL,
 password CHAR(200) NOT NULL);
```

3. Functional Requirements: login Process.

User story: USN-3.

Solution:


Login
Register

Username :

Email Address:

Password :

Register

e-CART