IMPLEMENTING WEB APPLICATION

Date	11 November 2022
Team ID	PNT2022TMID20463
Project Name	Smart Fashion Recommended Application

- Create IBM DB2 And Connect with Python.

```
import ibm_db dictionary={}
def printTableData(conn):sql = "SELECT * FROM
userdetails" out = ibm_db.exec_immediate(conn, sql)
document = ibm_db.fetch_assoc(out) while document != False:
dictionary.update({document['USERNAME']:
document['PASSWORD']})document = ibm_db.fetch_assoc(out)

def insertTableData(conn,rollno,username,email,password):
sql="INSERT INTO userdetails(rollno,username,email,password)
VALUES({},'{}','{}','{}')".format(rollno,username,email,password)
    out = ibm_db.exec_immediate(conn,sql)
    print('Number of affected rows :',ibm_db.num_rows(out),"\n")

def updateTableData(conn,rollno,username,email,password):
    sql = "UPDATE userdetails
    SET (username,email,password)=('{}','{}','{}')
    WHERE rollno={}".format(username,email,password,rollno)
```

```
    out = ibm_db.exec_immediate(conn,sql)
    print('Number of affected rows : ', ibm_db.num_rows(out), "\n")

def deleteTableData(conn,rollno):
    sql = "DELETE FROM userdetails
    WHERErollno={}".format(rollno)
out = ibm_db.exec_immediate(conn, sql)
print('Number of affected rows : ', ibm_db.num_rows(out), "\n")
try:
conn=ibm_db.connect("DATABASE=bludb;
HOSTNAME=0c77d6f2-5da9-48a9-81f8-86b520b87518.bs2io90l
08kqb1od8lcg.databases.appdomain.cloud;PORT=31198;
SECURITY=SSL;
SSLServerCertificate=DigiCertGlobalRootCA.crt;
PROTOCOL=TCPIP;
UID=bjn03696;
PWD=ef96tLJX2VjzaCPX;", "", "")
    print("Db connected")except:
print("Error")

from flask import Flask,render_template,request,url_for,session
app=Flask(_name_)
@app.route("/")
```

```
@app.route("/login",methods=['POST','GET'])def login():
    if request.method=="POST":
printTableData(conn)

username=request.form['username'] password=request.form['password']
try:
    if dictionary[username] == password   and username in dictionary:
        return "Logged in successfully"except:
        return "Invalidusername or password"
        return render_template('loginpage.html')
    @app.route("/register",methods=['POST','GET'])def register():
if request.method=="POST":
rollno = request.form['rollno']
    username = request.form['username']
    email = request.form['email']
    password = request.form['password']
insertTableData(conn, rollno, username, email, password)
return render_template('loginpage.html')
return render_template('registerpage.html')
if_name_=="_main_":
    app.run(debug=True)
    qlate,request,url_for,sessionapp=Flask(_name_)
```

```
@app.route("/&amp;quot;)
@app.route("/login",methods=['POST','GET'])
def login():
    if request.method=="POST":
printTableData(conn)

username=request.form['username']
password=request.form['password']
try:
if dictionary[username] == password and username in dictionary:
      return "Logged in successfully"
except:
      return "Invalidusername or password"
return render_template('log)
```