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| Project Name | Smart Fashion Recommender Application |
| Team ID | PNT2022TMID50712 |

Create IBM DB2 And Connect With Python:

importibm\_db

dictionary={}

def printTableData(conn):sql="SELECT\*FROM

userdetails"out = ibm\_db.exec\_immediate(conn, sql)document=

ibm\_db.fetch\_assoc(out)whiledocument!=False:

dictionary.update({document['USERNAME']:document['PASSWORD']})document=

ibm\_db.fetch\_assoc(out)

def insertTableData(conn,rollno,username,email,password):

sql="INSERTINTO

userdetails(rollno,username,email,password) VALUES({},'{}','{}','{}')".format(rollno,username,email,password)

out =ibm\_db.exec\_immediate(conn,sql)

print('Numberofaffectedrows:',ibm\_db.num\_rows(out),"\n")

defupdateTableData(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('Numberofaffectedrows:',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

ofaffectedrows:',ibm\_db.num\_rows(out),"\n")

try:

conn=ibm\_db.connect("DATABASE=bludb;HOSTNAME=0c77d6f2-5da9-48a9-81f8-86b520b87518.bs2io90l08kqb1od8lcg.databases.appdomain.cloud;PORT=31198;SECURITY=SSL;SSLServerCertificate=DigiCertGlobalRootCA.crt;PROTOCOL=TCPIP;UID=bjn03696;PWD=ef96tLJX2VjzaCPX;","","")

print("Dbconnected")

except:

print("Error")

from flask importFlask,render\_template,request,url\_for,sessionapp=Flask(name)

@app.route("/")

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

ifrequest.method=="POST":

printTableData(conn)

username=request.form['username']password=request.form['password']try:

ifdictionary[username]==passwordandusernameindictionary:

return "Logged in successfully"except:

return"Invalidusernameorpassword"

returnrender\_template('loginpage.html')

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

defregister():

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')

returnrender\_template('registerpage.html')

if

name=="main":

app.run(debug=True)qlate,request,url\_for,sessionapp=Flask( name )@app.route("/&quo

t;)@app.route("/login",methods=['POST','GET'])deflogin():

ifrequest.method=="POST":

printTableData(conn)username=request.form['username']password=request.form['password']try:

ifdictionary[username]==passwordandusernameindictionary:

return "Logged in successfully"except:

return"Invalidusernameorpassword"

returnrender\_template('log’)