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| Date | 15/11/2022 |
| Project Name | Plasma Donor Application |
| Team ID | PNT2022TMID48003 |

**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 WHERE

rollno={}".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=Dig iCertGlo balRootCA.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 "Invalid

username 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)q late,request,url\_for,session app=Flask(\_\_name\_\_) @app.route("/&quo t;)

@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 "Invalid

username or password" return render\_template('log’)