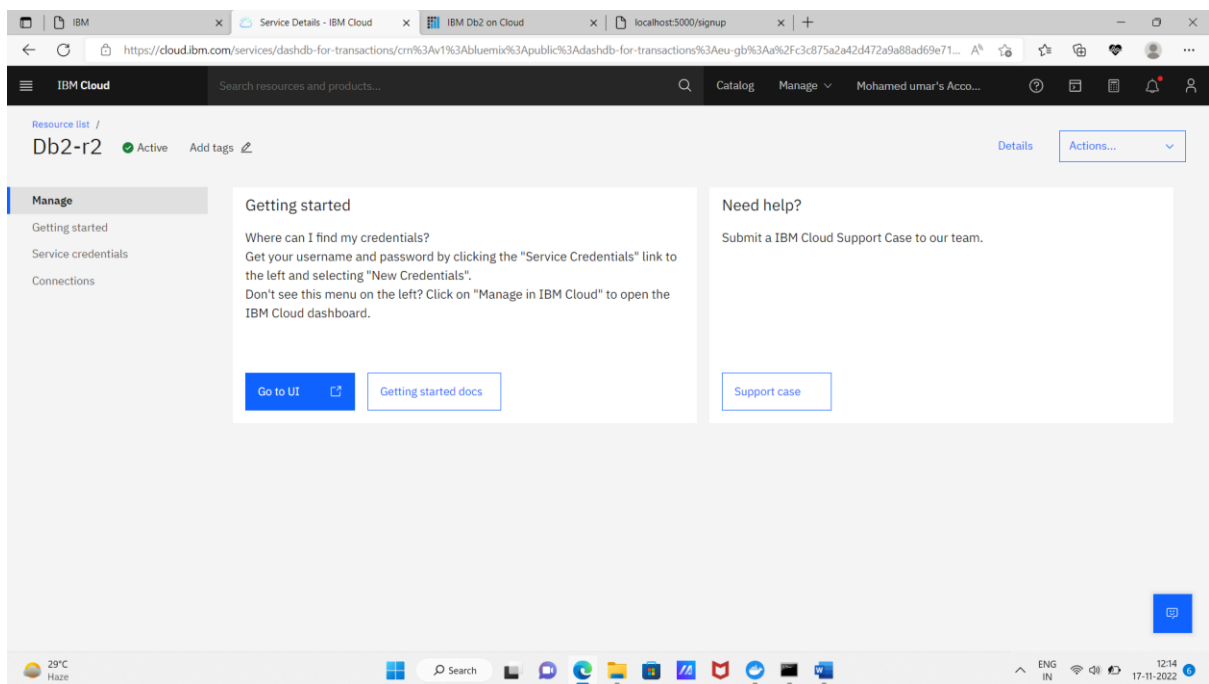


IMPLEMENTING WEB APPLICATION

CREATE IBM DB2 AND CONNECT WITH PYTHON

Date	10 October 2022
Team Id	PNT2022TMID48288
Project Name	PLASMA DONOR APPLICATION

Create the IBM Db2 service in the IBM cloud and connect the python code with DB.



Connection With Python :

```
import ibm_db

hostname = "764264db-9824-4b7c-82df-40d1b13897c2.bs2io90108kqb1od8lcg.databases.appdomain.cloud"
uid = "qph68689"
pwd = "igr5nkXqgfIHqv7r"
driver = "{IBM DB2 ODBC DRIVER}"
db = "bludb"
port = "32536"
protocol = "TCPIP"
cert = "abc.crt"

dsn = (
    "DATABASE={0};"
    "HOSTNAME={1};"
    "PORT={2};"
    "UID={3};"
    "SECURITY=SSL;"
    "SSLServerCertificate={4};"
    "PWD={5};"
).format(db, hostname, port, uid, cert, pwd)
print(dsn)
try:
    db2 = ibm_db.connect(dsn, "", "")
    print("Connected to data base")
except:
    print("Unable to connect", ibm_db.conn_errormsg())
```

OUTPUT:

```
C:\Windows\System32\cmd.exe - python app.py
Microsoft Windows [Version 10.0.22000.1098]
(c) Microsoft Corporation. All rights reserved.

C:\Users\monsu\OneDrive\Desktop\developingapp>code ..

C:\Users\monsu\OneDrive\Desktop\developingapp>python app.py
* Serving Flask app 'app'
* Debug mode: on
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on http://127.0.0.1:5000
Press CTRL+C to quit
* Restarting with stat
* Debugger is active!
* Debugger PIN: 330-715-986
127.0.0.1 - - [17/Nov/2022 12:23:46] "GET / HTTP/1.1" 200 -
127.0.0.1 - - [17/Nov/2022 12:23:48] "GET /favicon.ico HTTP/1.1" 404 -
```