PLASMA DONOR APPLICATION
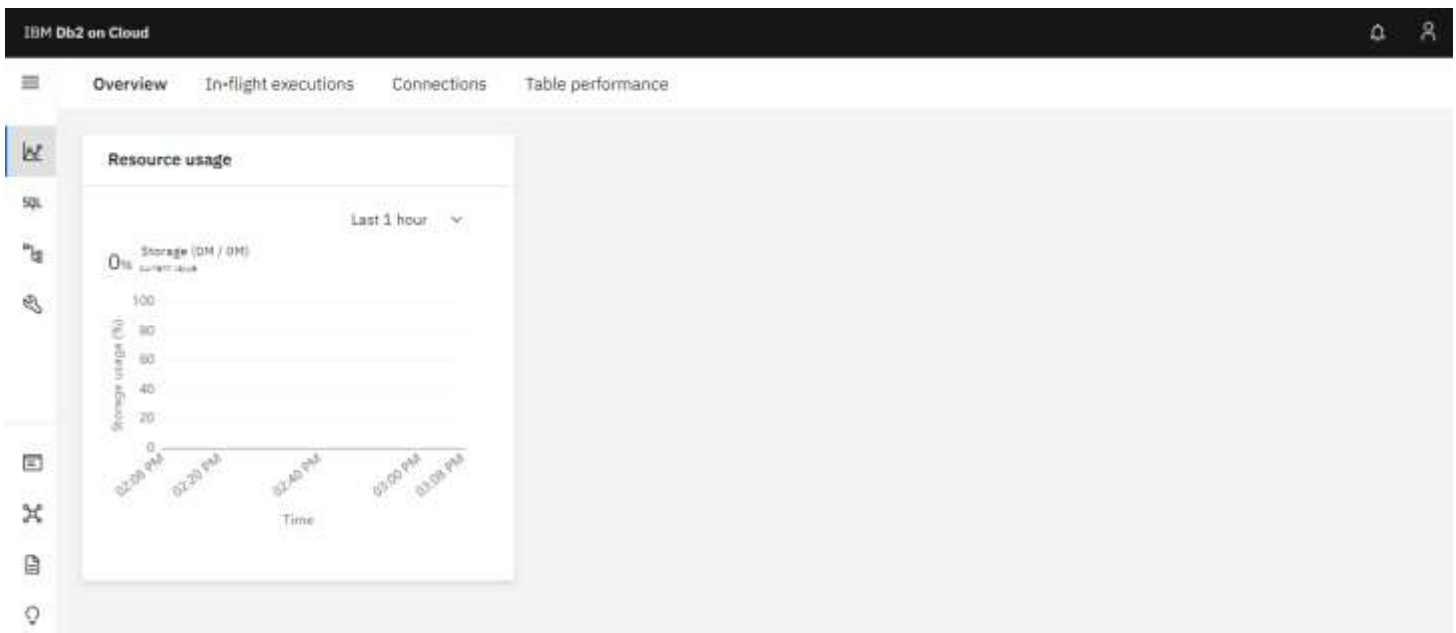
Date	16 Nov 2022
Team ID	PNT2022TMID33788
Project Name	Plasma Donor Application

Implementing Web Application

Create IBM DB2 and interact with application

Creation of IBM DB2 database

Load Data   Load History   **Tables**   Views   Indexes   Aliases   MQTs   Sequences   Application objects

Q. Find schemas or tables

Refresh ↻

Schemas

	Name	Type	Tables ▲
☑	DWS78237	User	3

Total: 1, selected: 1

Tables

New table ▾   ▽   ↕   ⋮   ✕

	Name ▼	Schema	Properties
☐	ADMIN	DWS78237	—
☐	DETAILS	DWS78237	—
☐	DONORS	DWS78237	—

Total: 3, selected: 0

Database connection coding

```
from flask import Flask,render_template,request,session,redirect,url_for
import ibm_db
import os
app=Flask(__name__)
app.secret_key='hidden'
conn = ibm_db.connect(
    f"DATABASE={os.environ.get('DATABASE')};"
    f"HOSTNAME={os.environ.get('HOSTNAME')};"
    f"PORT={os.environ.get('PORT')};"
    f"USERNAME={os.environ.get('DB_USERNAME')};"
    f"PASSWORD={os.environ.get('PASSWORD')};"
    "SECURITY=SSL;"
    f"SSLSERVERCERTIFICATE={os.environ.get('SSLSERVERCERTIFICATE')};",
    '',
    ''
)
print(conn)
@app.route("/")
def front():
    return render_template("front.html")
```