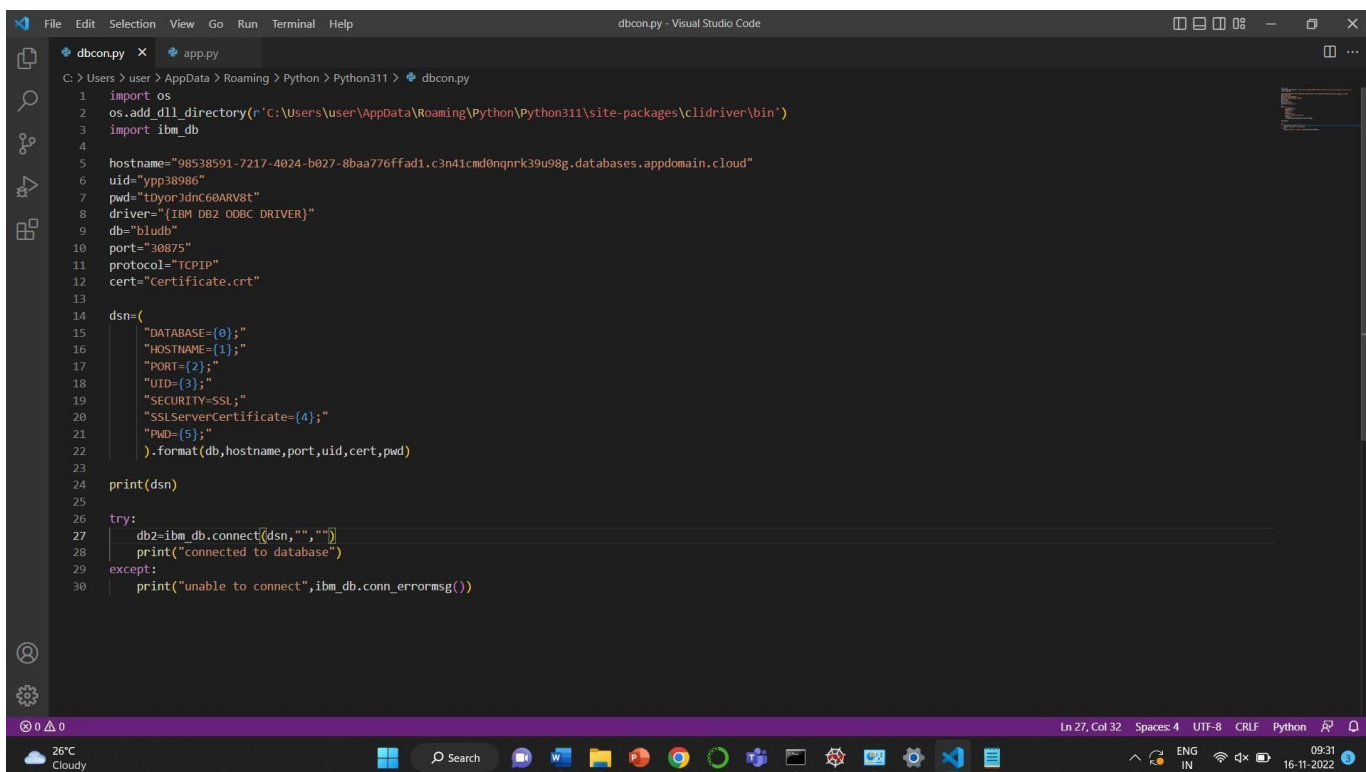


SPRINT 2

Create IBM DB2 and Connect with Python & Integrate Rapid api With it

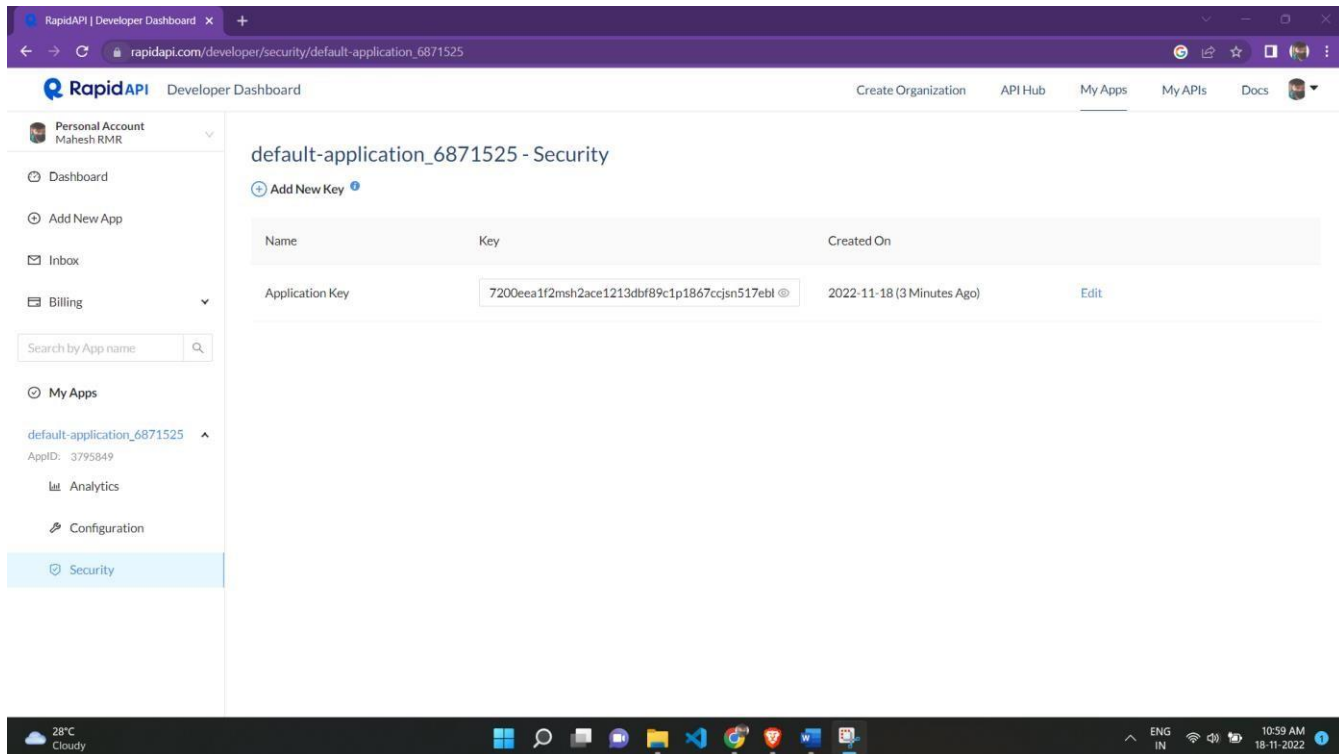
Team Id	PNT2022TMID49824
Project Name	News Tracker Application
Team Members	S.Mohideen Kamal M.Yuvaraj K.Muthukumar R.Maheswaran

DATABASE CONNECTION :



```
dbcon.py - Visual Studio Code
dbcon.py x app.py
C:\Users\user> AppData\Roaming\Python\Python311> dbcon.py
1 import os
2 os.add_dll_directory(r'C:\Users\user\AppData\Roaming\Python\Python311\site-packages\clidriver\bin')
3 import ibm_db
4
5 hostname="98538591-7217-4024-b027-8baa776ffad1.c3n41cmd0nqnrk39u98g.databases.appdomain.cloud"
6 uid="ypp38986"
7 pwd="tdyorJdnc60ARV8t"
8 driver="{IBM DB2 ODBC DRIVER}"
9 db="bludb"
10 port="30875"
11 protocol="TCP/IP"
12 cert="certificate.crt"
13
14 dsn={
15     "DATABASE={0};"
16     "HOSTNAME={1};"
17     "PORT={2};"
18     "UID={3};"
19     "SECURITY=SSL;"
20     "SSLServerCertificate={4};"
21     "PWD={5};"
22     }.format(db,hostname,port,uid,cert,pwd)
23
24 print(dsn)
25
26 try:
27     db2=ibm_db.connect(dsn,"", "")
28     print("connected to database")
29 except:
30     print("unable to connect",ibm_db.conn_errormsg())
```

RAPID API:



Integrate rapid API:

```
import http.client

conn = http.client.HTTPSConnection("news-api14.p.rapidapi.com")

headers = {
    'X-RapidAPI-Key': "7af68bec84mshb3915ee0c46719fp1b29edjsn69f509218090",
    'X-RapidAPI-Host': "news-api14.p.rapidapi.com"
}

conn.request("GET", "/top-headlines?country=us&language=en&pageSize=10&category=sports", headers=headers)

res = conn.getresponse()
data = res.read()

print(data.decode("utf-8"))
```

