TESTING

The web UI by giving the required inputs

DATE	15 NOV 2022
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Team ID	PNT2022TMID29462
PROJECT NAME	SMART SOLUTIONS FOR RAILWAYS

ibm.py - C:/Users/pench/AppData/Local/Programs/Python/Python311/ibm.py (3.11.0)

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```python
import wiotp.sdk.device
import time
import random
myConfig = {
        "identity":{
            "orgId": "gagtey",
            "typeId": "GPS",
        "DeviceId":"12345"
},
        "auth": {
            "token": "12345678"
            }
}
def myCommandCallback (cmd):
    print ("Message received from IBM IoT Platform: %s" % cmd.data['command'])
    m=cmd.data['command']

client = wiotp.sdk.device.DeviceClient(config=myConfig, logHandlers=None)
client.connect()

def pub (data):
    client.publishEvent (eventId="status",msgFormat="json",data=myData,qos=0, onPublish=None)
    print ("Published data Successfully: %s", myData)

while True:
    myData={'name':'Train1','lat': 17.6387448,'lon': 78.4754336}
    pub (myData)
    time.sleep(3)
    #myData=('name':'Train2','lat': 17.6387448,'lon': 78.4754336)
    #pub (myData)
    #time.sleep (3)
    myData={'name':'Train1','lat': 17.6341908,'lon': 78.4744722}
    pub (myData)
    time.sleep(3)
    myData={'name':'Train1','lat': 17.6340889,'lon': 78.4745052}
    pub (myData)
    time.sleep(3)
    myData={'name':'Train1','lat': 17.6248626,'lon': 78.4720259}
    pub (myData)
    time.sleep(3)
    myData={'name':'Train1','lat': 17.6188577,'lon': 78.4698726}
    pub (myData)
    time.sleep (3)
    myData={'name':'Train1','lat': 17.6132382,'lon': 78.4707318}
    pub (myData)
    time.sleep(3)
    client.commandCallback=myCommandCallback
```

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```
Python 3.11.0 (main, Oct 24 2022, 18:26:48) [MSC v.1933 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
==== RESTART: C:/Users/pench/AppData/Local/Programs/Python/Python311/ibm.py ====
{'_id': '2022-11-11,15:02:15', '_rev':'1-7a3dd4e86373d51fbe754f8c5be5f038','Name': 'Penchala lokesh','Age': 21,'Mobile':7032929924, 'Boarding': 'Vijayawada', 'Destination': 'Chennai',
'Seat': 2)
```