

SPRINT 4

Date	03 November 2022
Team ID	PNT2022TMID40028
Project Name	IoT Based Safety Gadget for Child Safety Monitoring and Notification

Python code:

```
import json
import wiotp.sdk.device
import time
myConfig={
    "identity":{
        "orgId": "90t0p8",
        "typeId": "ChildSafetyGadget",
        "deviceId": "PNT2022TMID00392"
    },
    "auth":
    {
        "token": "2zdfvRDye5(b1qFQpb"
    }
}
client = wiotp.sdk.device.DeviceClient (config=myConfig, logHandlers=None)
client.connect()

while True:
    name= "Smartbridge"
    latitude = 17.4219272
    longitude =78.5400783
    myData = {'name':name, 'lat':latitude, 'lon': longitude}
```

```
client.publishEvent (eventId="status", msgFormat="json", data=myData,
qos=0, onPublish=None)

print ("Data published to IBM IoT platfrom: ",myData)

time.sleep(5)

client.disconnect()
```

```
import json
import wiotp.sdk.device
import time
myConfig={
    "identity":{
        "orgId": "90t0p8",
        "typeId": "ChildSafetyGadget",
        "deviceId": "PNT2022TMID00392"
    },
    "auth": {
        "token": "2zdfvRDye5(b1qFQpb"
    }
}
client = wiotp.sdk.device.DeviceClient (config=myConfig, logHandlers=None)
client.connect()

while True:
    name= "Smartbridge"
    latitude = 17.4219272
    longitude =78.5400783
    myData = {'name':name, 'lat':latitude, 'lon': longitude}
    client.publishEvent (eventId="status", msgFormat="json", data=myData, qos=0, onPublish=None)
```

```
client.publishEvent (eventId="status", msgFormat="json", data=myData, qos=0, onPublish=None)
print ("Data published to IBM IoT platfrom: ",myData)
time.sleep(5)

client.disconnect()
```

