

Project Development Phase Sprint-2

Team ID	PNT2022TMID01023
Project Name	IoT Based Safety Gadget for Child Safety Monitoring & Notification

The image shows a development environment with a Python script and the IBM Watson IoT Platform dashboard.

Python Script (python.py):

```
python.py - C:/Users/admin/Desktop/python.py (3.7.0)
File Edit Format Run Options Window Help
import time
import wiotp.sdk.application

myConfig={
  "identity":{
    "orgID": "cb7mz1",
    "typeID": "jayashree123",
    "deviceID": "jayashreeid",
  },
  "auth": {
    "token":"+?FWUcJLsI@Om4 (bKy"
  }
}

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

client.connect()

while True:
  name = "Child"
  latitude = 11.020503
  longitude = 76.935123

  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 Platform:", myData)
  time.sleep (5)

client.disconnect()
```

IBM Watson IoT Platform Dashboard:

The dashboard shows the recent events listed, displaying a live stream of data coming and going from the device. The table below summarizes the data:

Event	Value	Format	Last Received
event_1	{"namechild":72,"latitude":24,"longitude":12}	json	a few seconds ago
event_1	{"namechild":81,"latitude":11,"longitude":0}	json	a few seconds ago
event_1	{"namechild":63,"latitude":55,"longitude":72}	json	a few seconds ago
event_1	{"namechild":72,"latitude":90,"longitude":91}	json	a few seconds ago
event_1	{"namechild":2,"latitude":95,"longitude":51}	json	a few seconds ago

Items per page 50 | 1-1 of 1 item | 1 of 1 page

