

Project Development - Sprint 1

Iot Based Safety For Child Safety Monitoring & Notification

Team ID: PNT2022TMID20307

Python Script

Code:

```
import json
import wiotp.sdk.device
import time

myConfig = {
    "identity": {
        "orgId": "yw4h61",
        "typeId": "IOT_CHILD",
        "deviceId": "16022002"
    },
    "auth": {
        "token": "1911066abcdefgh"
    }
}
client = wiotp.sdk.device.DeviceClient(config=myConfig, logHandlers=None)
client.connect()

while True:
    name= "Child"
    #in area location

    #latitude=17.4225176
    #longitude=78.5458842

    #out area location

    latitude=17.4219272
    longitude=78.5488783
    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()
```