

Team ID	PNT2022TMID26475
Project Name	IOT Based Safety Gadget for Child Safety Monitoring and Notification.
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SOURCE CODE:

IBM Watson IOT Platform

```
#pip install wiotp-sdk
```

```
import wiotp.sdk.device
```

```
import time
```

```
import random
```

```
import requests, json
```

```
myConfig={
    "identity": {
        "orgId": "mci9cn",
        "typeId": "childsafetyy",
        "deviceId": "12345"
    },
    "auth": {
        "token": "4z*7Me)HRr59TkVqhl"
    },
}
```

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

```
while True:
    name="Smartbridge"
    #in area location
    #latitude-17.4225176
    #longitude-78.5458842
    #out area location
    latitude=17.4225176
    longitude=78.588783
    myData={'name':name,'lat':latitude,'lon':longitude}
    client.publishEvent(eventId="status", msgFormat="json", data=myData, qos=0,
onPublish=None)
    print("Published data Successfully: %s", myData)
```

```
time.sleep(5)
client.disconnect()
```

