

## PROJECT REPORT

### IoT BASED SAFETY GADGET FOR CHILD SAFETY MONITORING AND NOTIFICATION

#### Source Code:

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

myConfig = {

    "identity":{
        "orgId": "jgry6x",
        "typeId": "MyDeviceType",
        "deviceId": "12345"
    },
    "auth": {
        "token": "*eB+Vs5Pb3m6f79Vnn"
    }
}

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

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

    #latitude = 17.4225176
```

```
#longitude = 78.5456842 #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 platfrom: ",myData) time.sleep(5)
```

```
client.disconnect()
```

## Output:

```
import json  
import wiotp.sdk.device  
import time  
myConfig = {  
  
    "identity":{  
        "orgId": "jgry6x",  
        "typeId": "MyDeviceType",  
        "deviceId": "12345"  
    },  
    "auth": {  
        "token": "**eB+Vs5Pb3m6f79Vnn"  
    }  
}  
client= wiotp.sdk.device.DeviceClient(config=myConfig, logHandlers=None)  
client.connect()  
  
while True:  
    name = "Smartbridge"  
    #in area location  
  
    #latitude = 17.4225176  
    #longitude = 78.5456842  
  
    #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 platfrom: ",myData)  
    time.sleep(5)  
  
client.disconnect()
```

