

Project Development-Delivery of Sprint 4

Date	15 November 2022
Team ID	PNT2022TMID48061
Project Name	Project -IoT Based Safety Gadget for Child Safety Monitoring and Notification

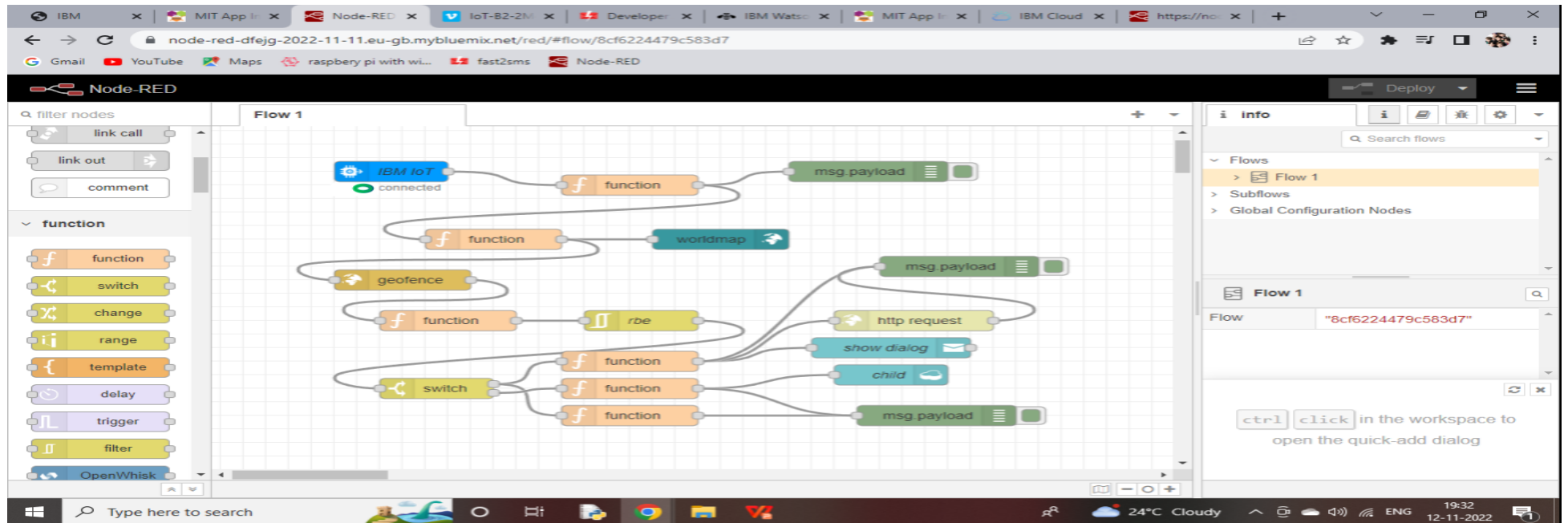
Sprint 4 is about administration connection with **WEB UI**.

CODE FOR PYTHON SCRIPT:

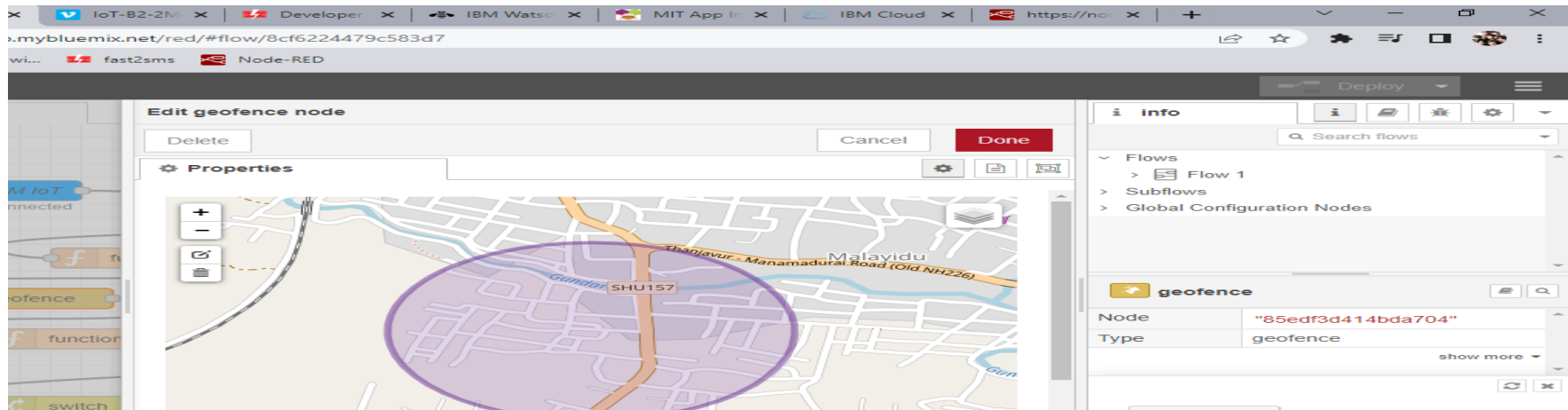
```
import json
import wiotp.sdk.device
import time
myconfig = {
    "identify": {
        "orgId": "*****",
        "typeId": "tracker",
        "deviceId": "12345"
    },
    "auth": {
        "token": "VnQW2o*****"
    }
}
```

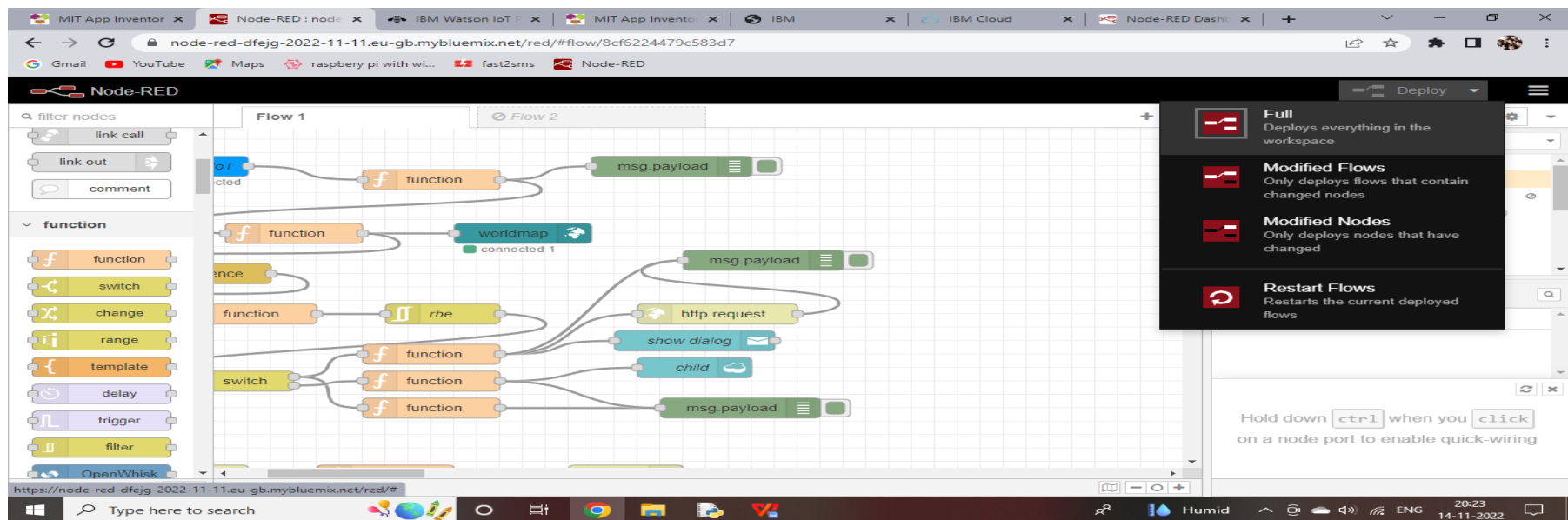
```
}  
client = wiotp.sdk.deviceDeviceClient(config=myconfig, logHandlers=None)  
client.connect()  
while True:  
    name= "hema"  
    #in area location  
    #latitude=17.4225176  
    #longitude=78.5458842  
    #out area location  
    latitude= 17.4225176  
    longitude= 78.5458842  
    myData={'name' : name, 'lat' :latitude, 'lon' :longitude}  
    client.publishment(eventId="status" , msgFormat="json", data=mydata, qos=0, onPublish=None)  
    print("Data published to IBM IoT platform: ",myData)  
    time.sleep(5)  
    client.disconnect()
```

NODE RED CONNECTION:

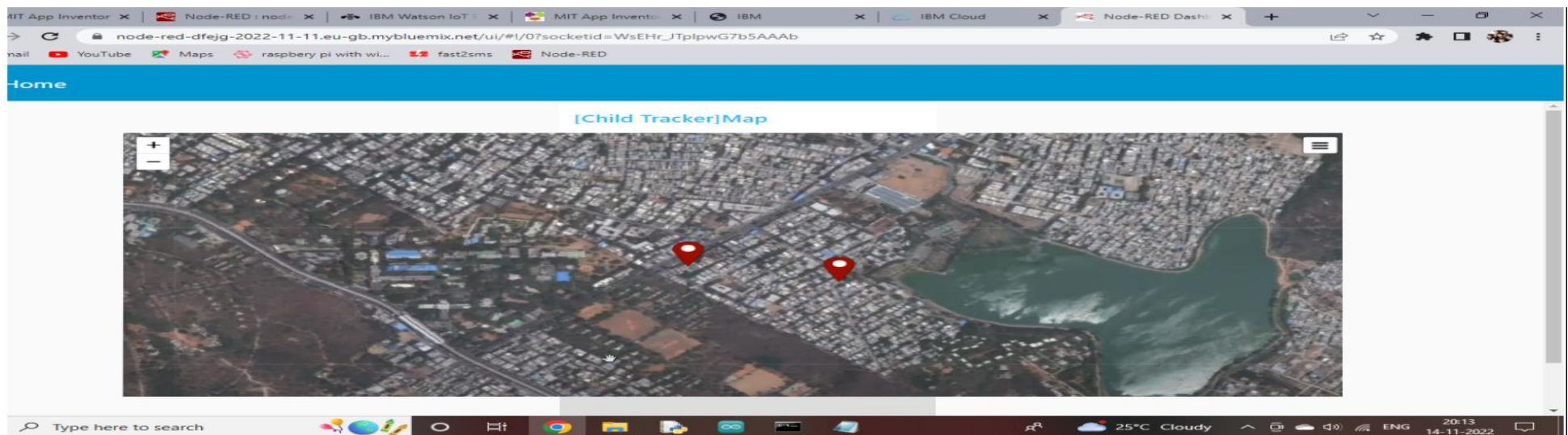


NODE RED GEOFENCE:





WEB UI CONNECTION: Tracking the child location



JIRA Roadmap Progress:

[illegible]