### **Project Development-Delivery of Sprint 4**

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| 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}

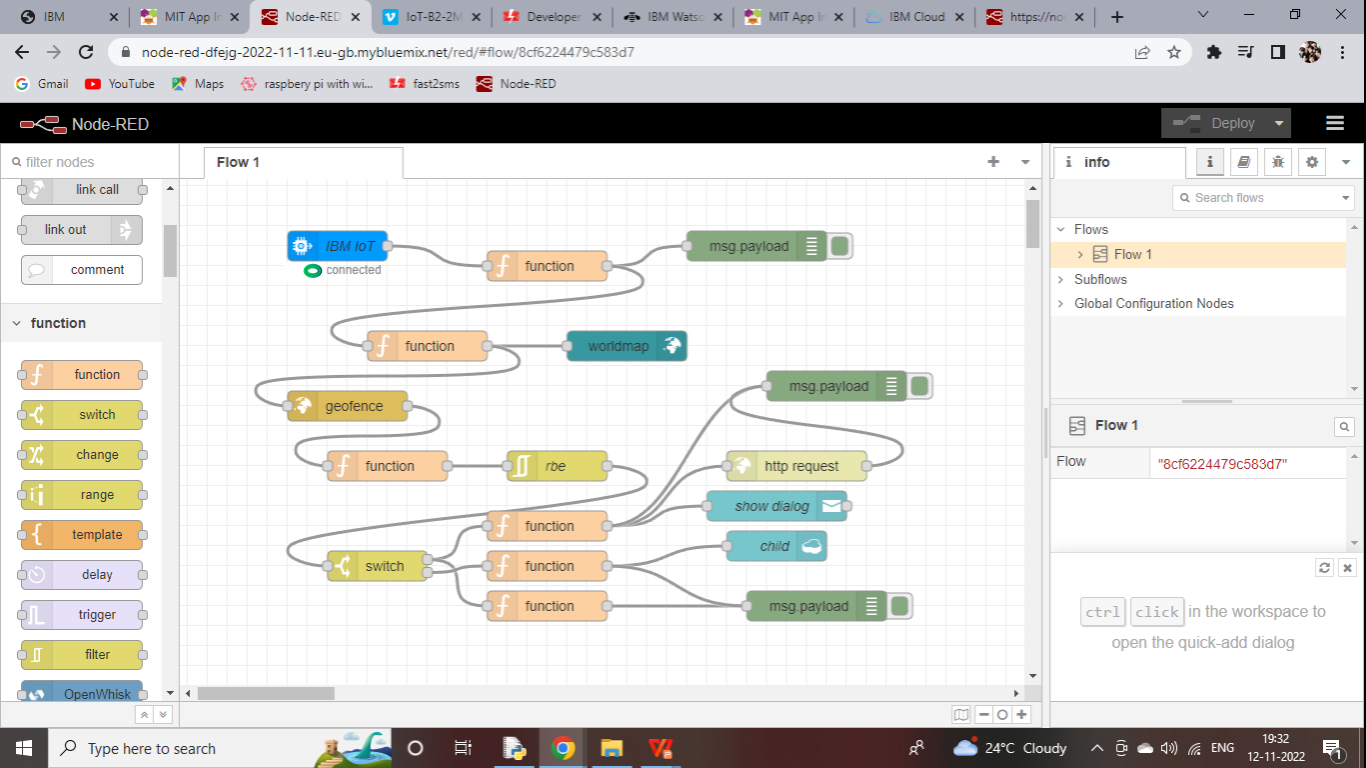
client.publishment(eventId="status" , msgFormat="json", data=mydata, qos=0, onPublish=None)

print("Data published to IBM IoT platform: ",myData)

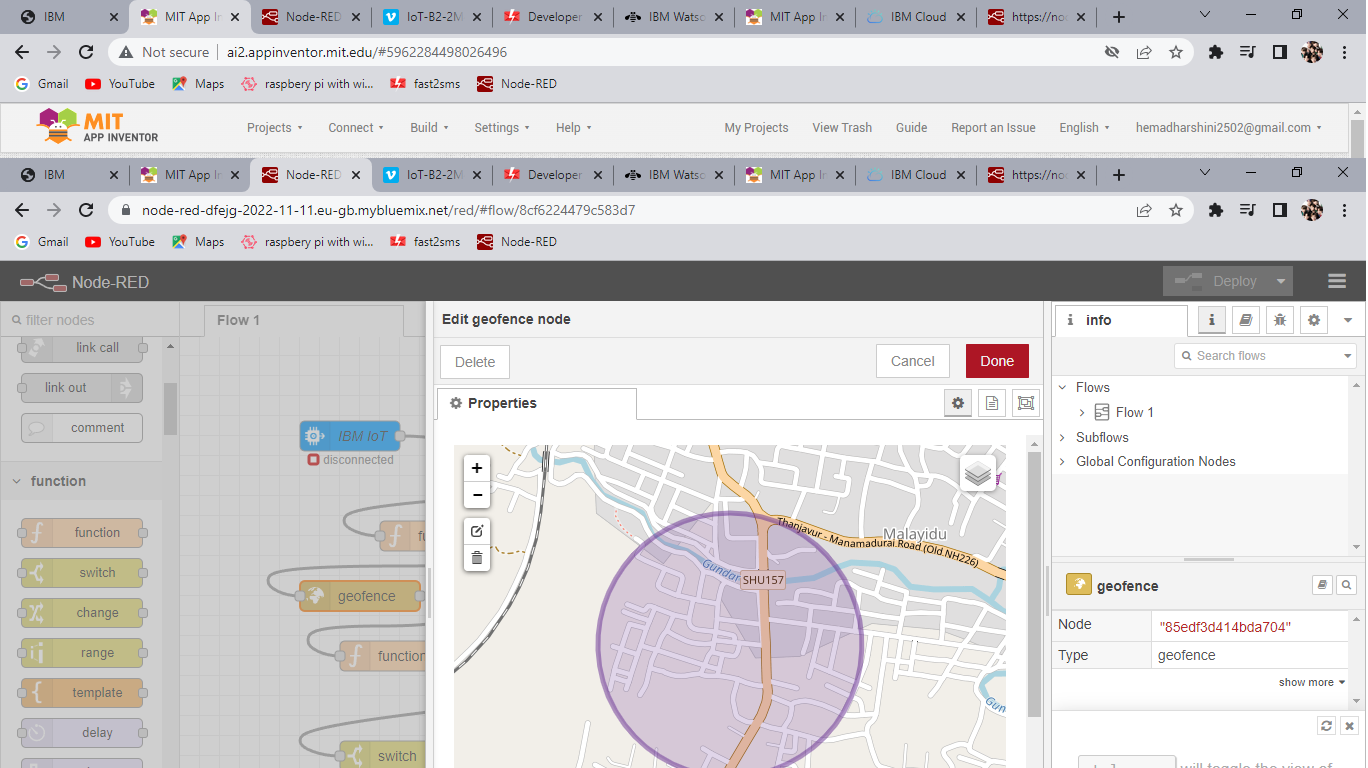
time.sleep(5)

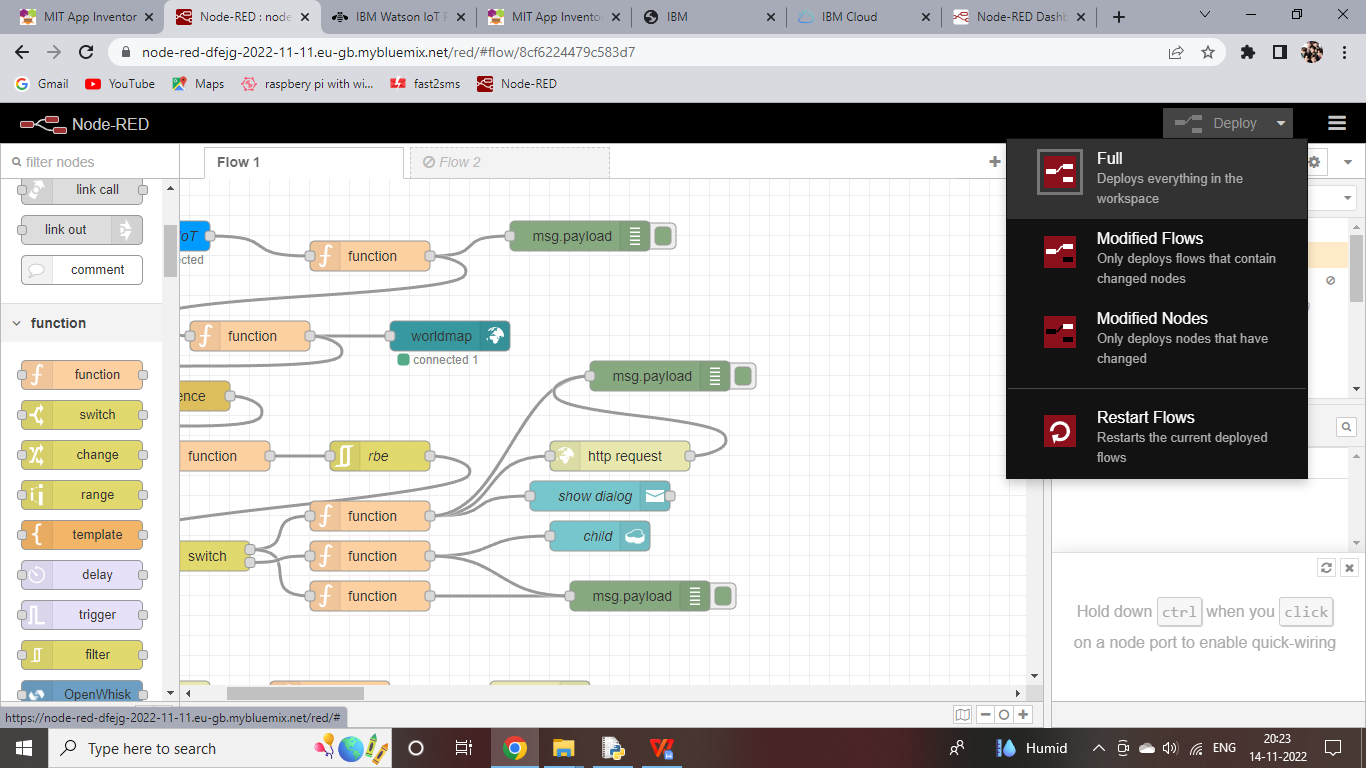
client.disconnect()

NODE RED CONNECTION:

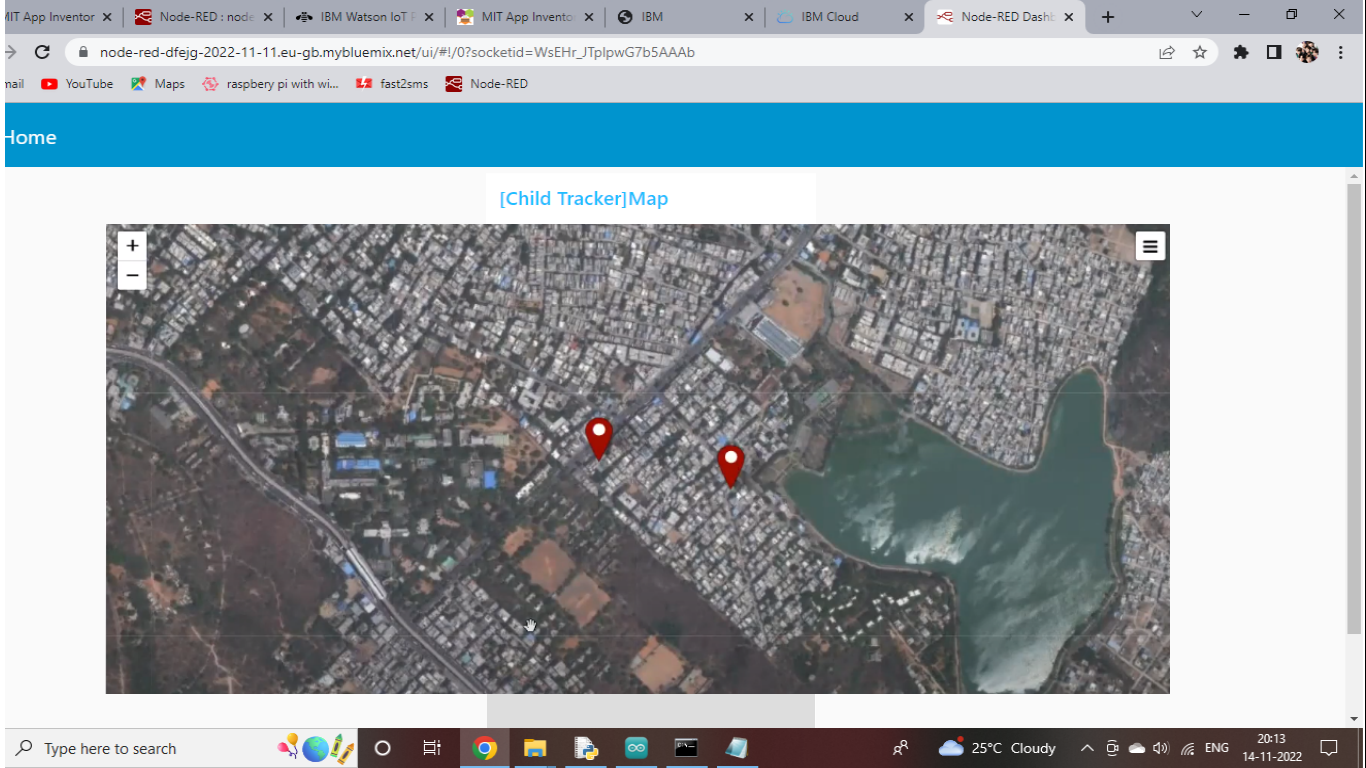


NODE RED GEOFENCE:





**WEB UI CONNECTION:** Tracking the child location



JIRA Roadmap Progress:

