

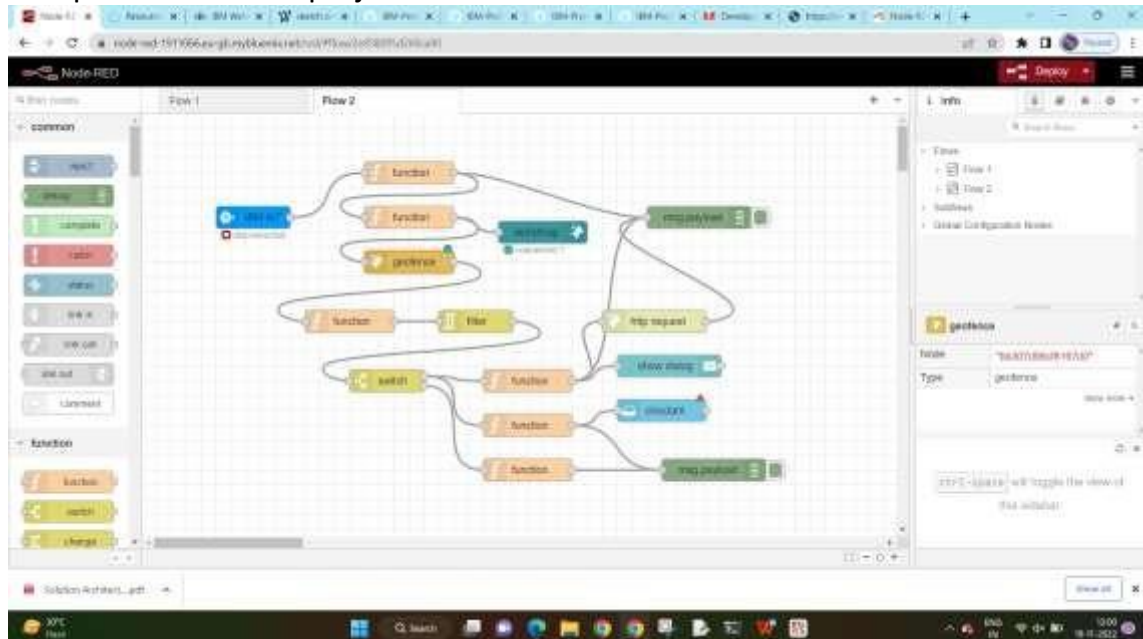
## Develop The Web Application Using Node-RED

PNT2022TMID20412

### 1. To Develop the web application using Node-RED

Steps :

#### 1. Open a Node-RED project



#### 2. Add code to get child location in python

##### Code:

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

myConfig = {
    "identity": {
        "orgId": "rg04s8",
        "typeId": "mobile",
        "deviceId": "1911056"
    },
    "auth": {
        "token": "anusubbiah217"
    }
}

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

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

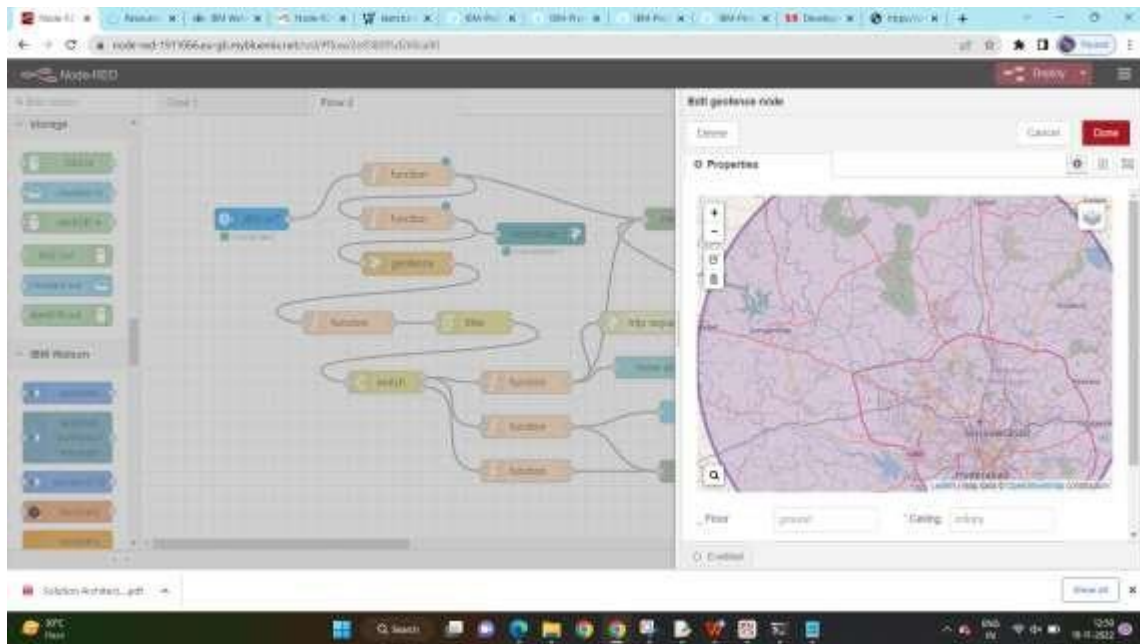
    #latitude=17.4225176
    #longitude=78.5458842

    #out area location

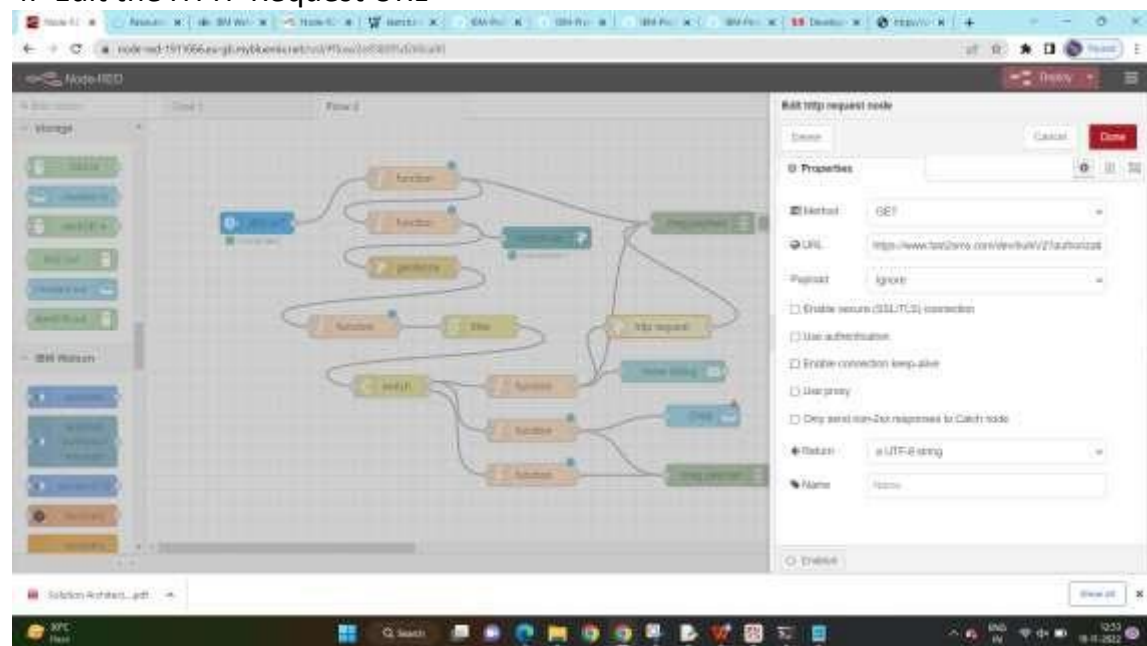
    latitude=17.4219272
    longitude=78.5488783
    myData={ 'name': name, 'lat': latitude, 'lon': longitude}
    client.publishEvent(eventId="status",msgformat="json",data=mydata, qos=0, onpublish=None)
    print("Data published to IBM IOT platform :",myData)
    time.sleep(5)

client.disconnect()
```

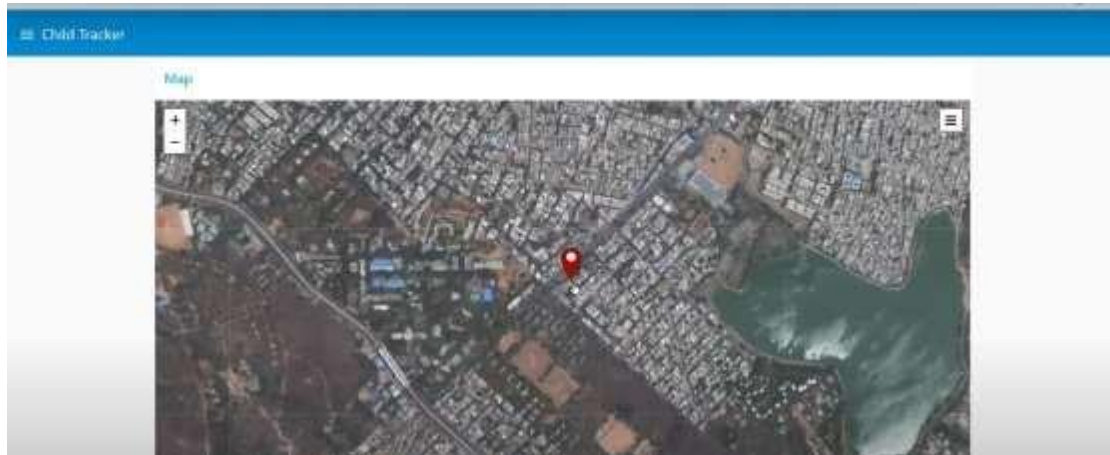
### 3. Create the GeoFence



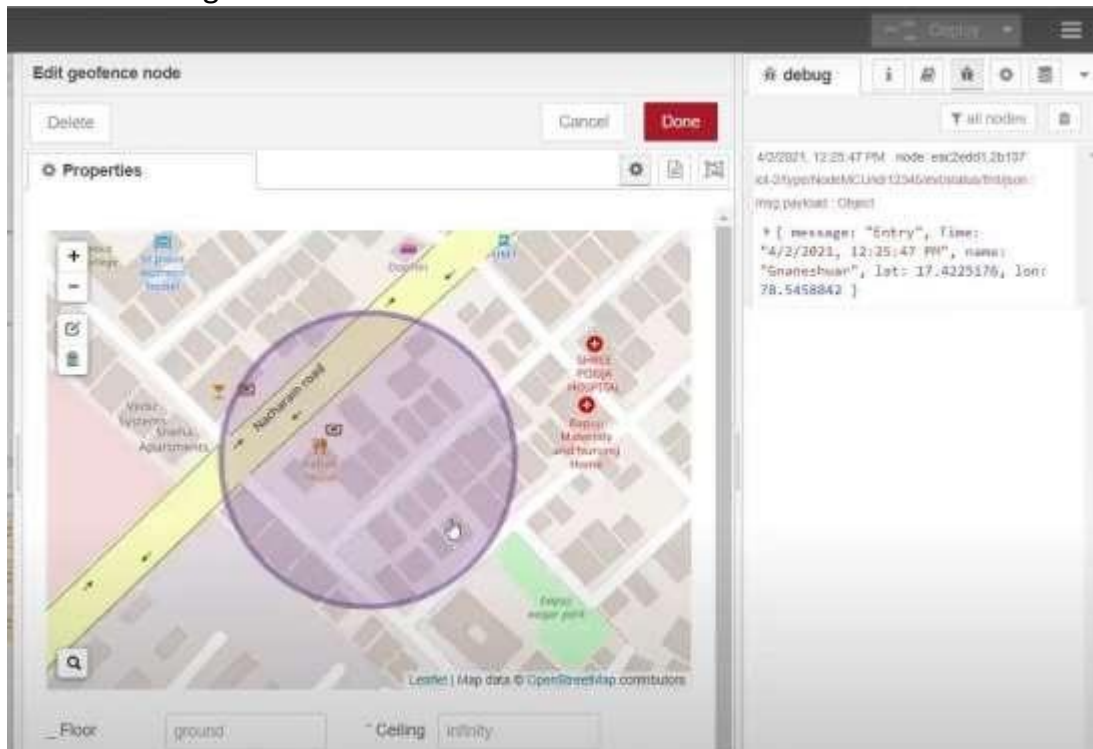
#### 4. Edit the HTTP Request URL



## 5. Locate the child



## 6. Create the geofence node



## 7. Python script send requests to IBM Cloud

