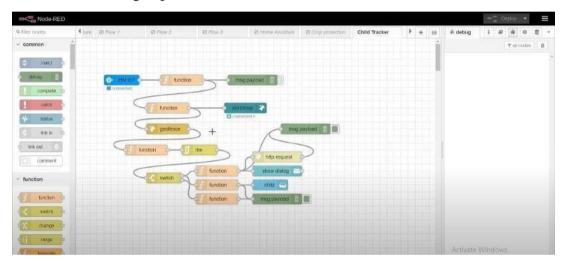
### Develop a web application using Node-Red Services

Date	14 September 2022
Team ID	PNT2022TMID00392
Project Name	Project – IoT Based Safety Gadget for Child
	Safety Monitoring & Notification
Maximum Marks	4 Marks

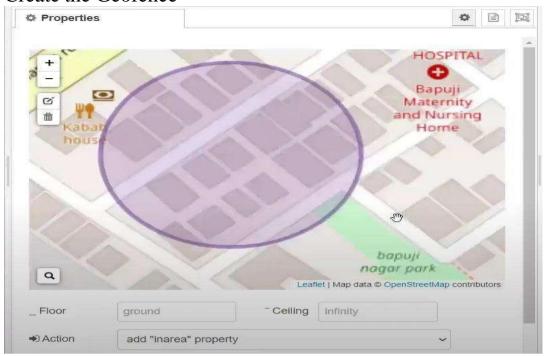
IoT Based Safety Gadget for Child Safety Monitoring & Notification Develop a web application using Node-Red Services Steps: Open a Node-RED project



## Add code to get location in python

```
import json
import wiotp.sdk.device
import time
myConfig = [
      mig = {
"identity": {
    "orgId": "hj5fmy",
    "typeId": "NodeMcU",
    "deviceId": "12345"
     "auth": {
           "token": "12345676"
client = wiotp.sdk.device.DeviceClient(config=myConfig, logHandlers=None)
client.connect()
Thile True:
           name= "Smartbridge"
           #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 platfrom: ",myData) time.sleep(5)
client.disconnect()
```

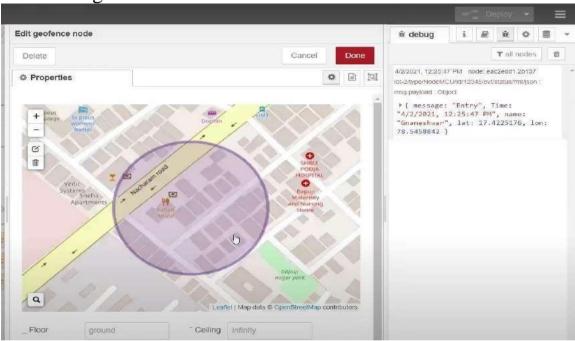
# Create the Geofence



# Locate the place



Create the geofence



### Python script send requests to IBM Cloud

```
| Section | Processor | Proces
```

After running the script, the web UI shows "Person is not in the particular area"



## Conclusion:

Developed the web application using Node-RED Successfully