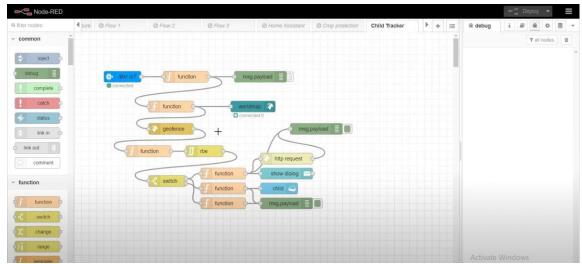
Develop The Web Application Using Node-RED

Team ID:PNT2022TMID37792

Aim: Develop the web application using **Node**-RED

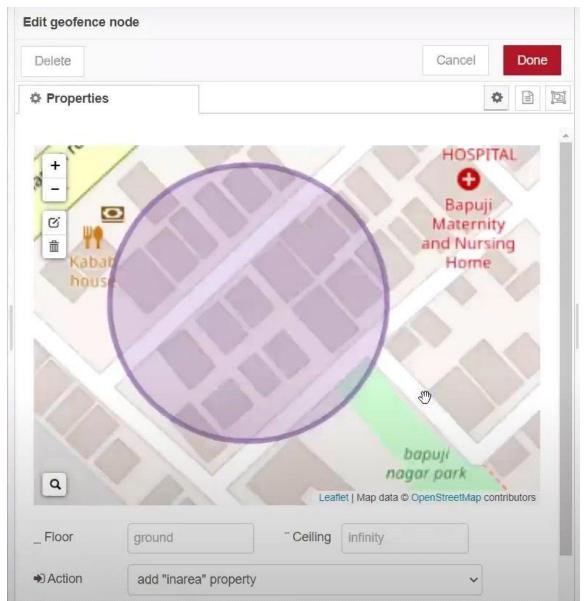
Steps Followed:



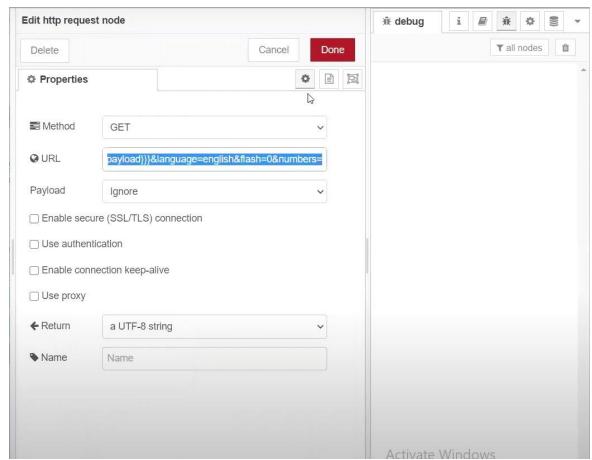
Opened a Node-RED project

Added code to get child location in python

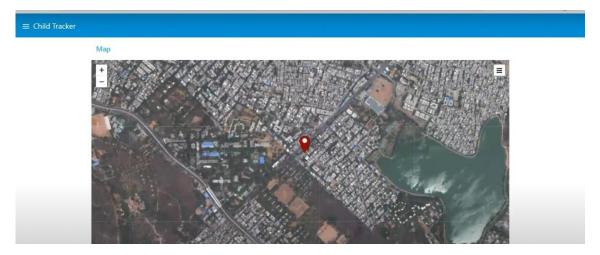
```
import json
import wiotp.sdk.device
import time
myConfig = {
      mid = {
   "identity": {
       "orgId": "hj5fmy",
       "typeId": "NodeMcU",
       "deviceId": "12345"
       "auth": {
             "token": "12345678"
client = wiotp.sdk.device.DeviceClient(config=myConfig, logHandlers=None)
client.connect()
Thile True:
            name= "Smartbridge"
             #in area location
             latitude= 17.4225176
longitude= 78.5458842
             #out area location
            #latitude= 17.4219272
            #latitude= 17.4219212
#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 client(5)
             time.sleep(5)
client.disconnect()
```



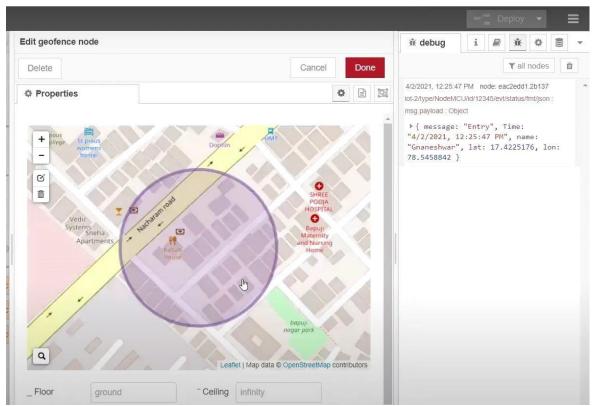
Created the GeoFence



Editing the HTTP Request URL

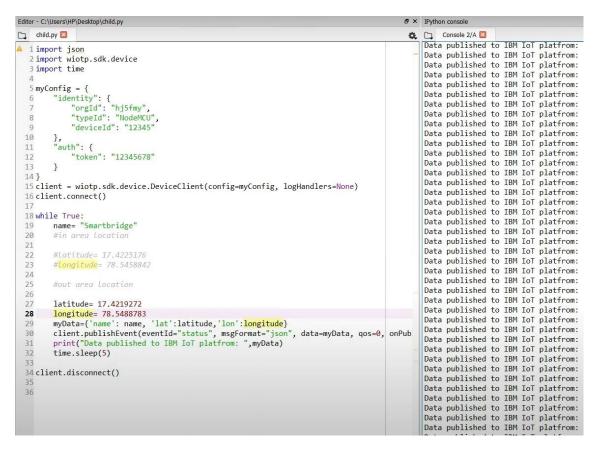


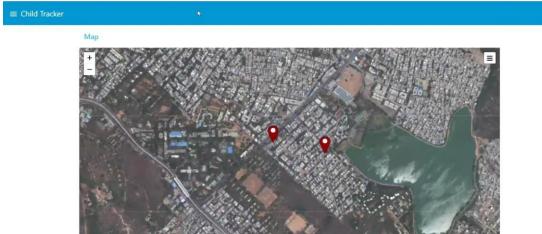
Located the child



Created the geofence node

Python script sending requests to IBM Cloud





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

Result: Successfully developed the web application using Node-RED