

Develop The Web Application Using Node-RED

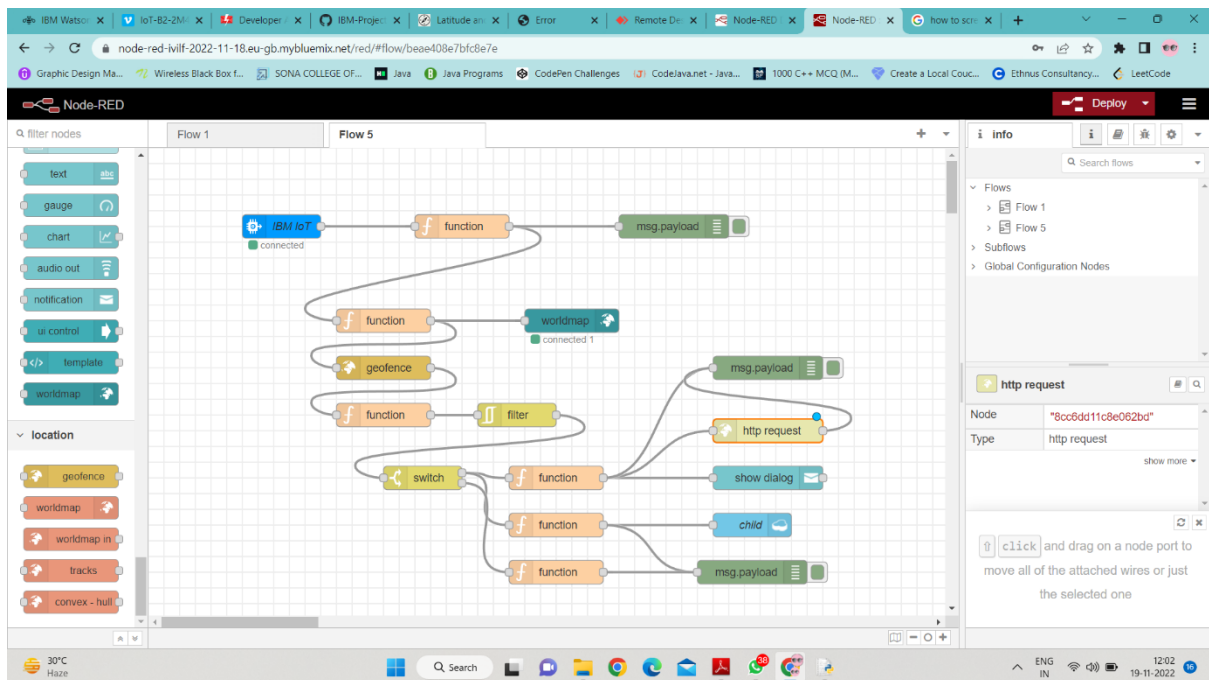
Date	16/11/2022
Team ID	PNT2022TMID18967
Project Name	Project-IoT Based Safety Gadget For Child Safety Monitoring & Notification
MaximumMarks	2 Marks

Aim:

To Develop the web application using Node-RED platform

Steps to be Followed:

- Open a Node-RED project



- Add source code to get child location in python

```
PythonScript.py - C:\Users\ACER\Desktop\IBM\Python Script\PythonScript.py (3.9.6)
File Edit Format Run Options Window Help
import json
import time
import wiotp.sdk.device

myconfig = {
    "identity": {
        "orgId": "7rp2ov",
        "typeId": "TestDevice",
        "deviceId": "12345"
    },
    "auth": {
        "token": "UnQkK_TGxXBle_ysWk "
    }
}
client = wiotp.sdk.device.DeviceClient(config=myconfig, logHandlers=None)
client.connect()

while True:
    #outarea property
    name = "Smartbridge"
    latitude = 15.4675
    longitude = 78.5650
    #inarea property
    #name = "Smartbridge"
    #latitude = 11.649159
    #longitude = 78.150175
    myData = {"name": name, "lat": latitude, "lon": longitude}
    client.publishEvent(eventId="status", msgFormat="json", data=myData, qos=0, onPub
    print("Data published to IBM Iot Platform: ", myData)
    time.sleep(5)
client.disconnect()
```

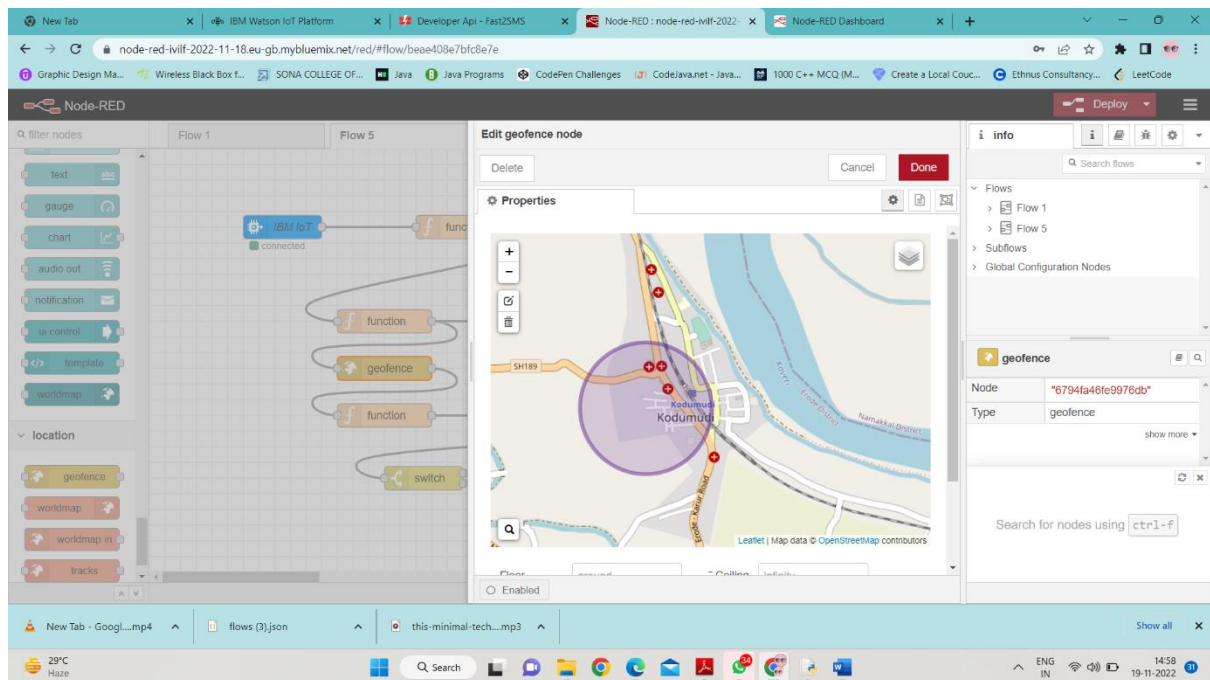
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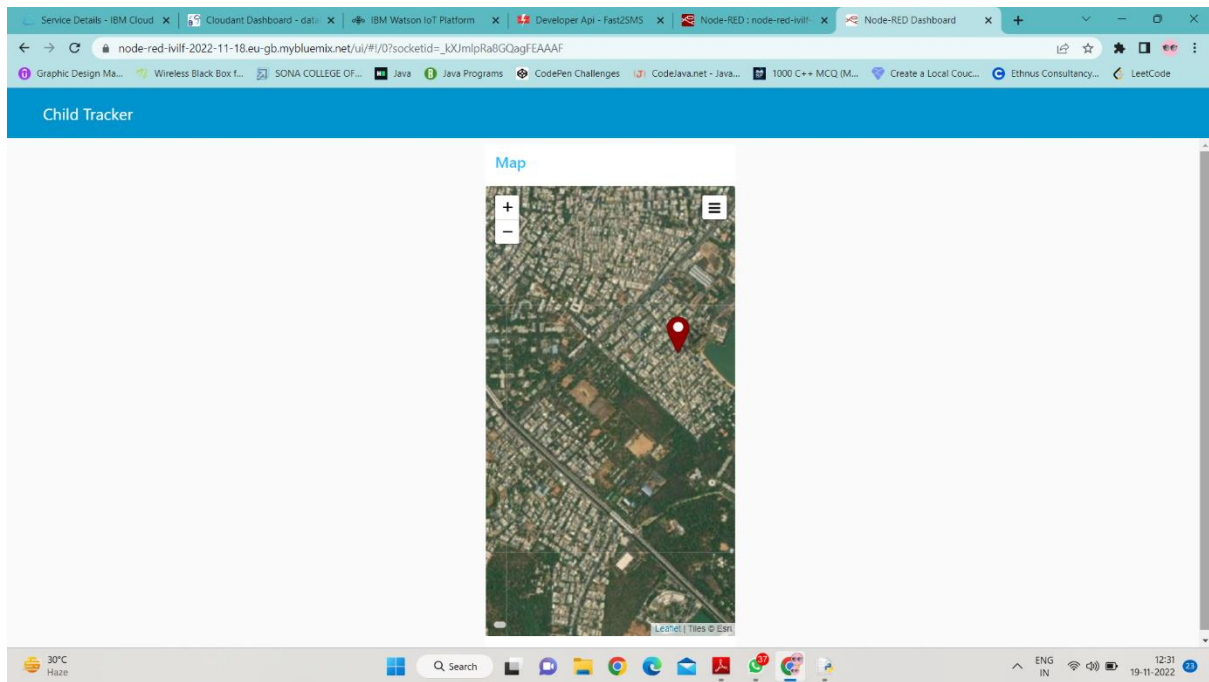
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- Created the GeoFence



- Edit the HTTP Request URL



Result:

Thus to develop a web application using Node-RED to find the location of the child has been created successfully.