

## Project Development-Delivery of Sprint 4

Date	19 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 FUNCTION NODES:

### FUNCTION 1:

```
var name = msg.payload.name  
var lat = msg.payload.lat  
var lon = msg.payload.lon  
global.set('latitude',lat)  
global.set('longitude',lon)  
global.set('name',name)  
return msg;
```

### FUNCTION 2:

```
msg.payload={  
  'name':global.get('name'),  
  'lat':global.get('lat'),
```

```
'lon':global.get('lon')  
}
```

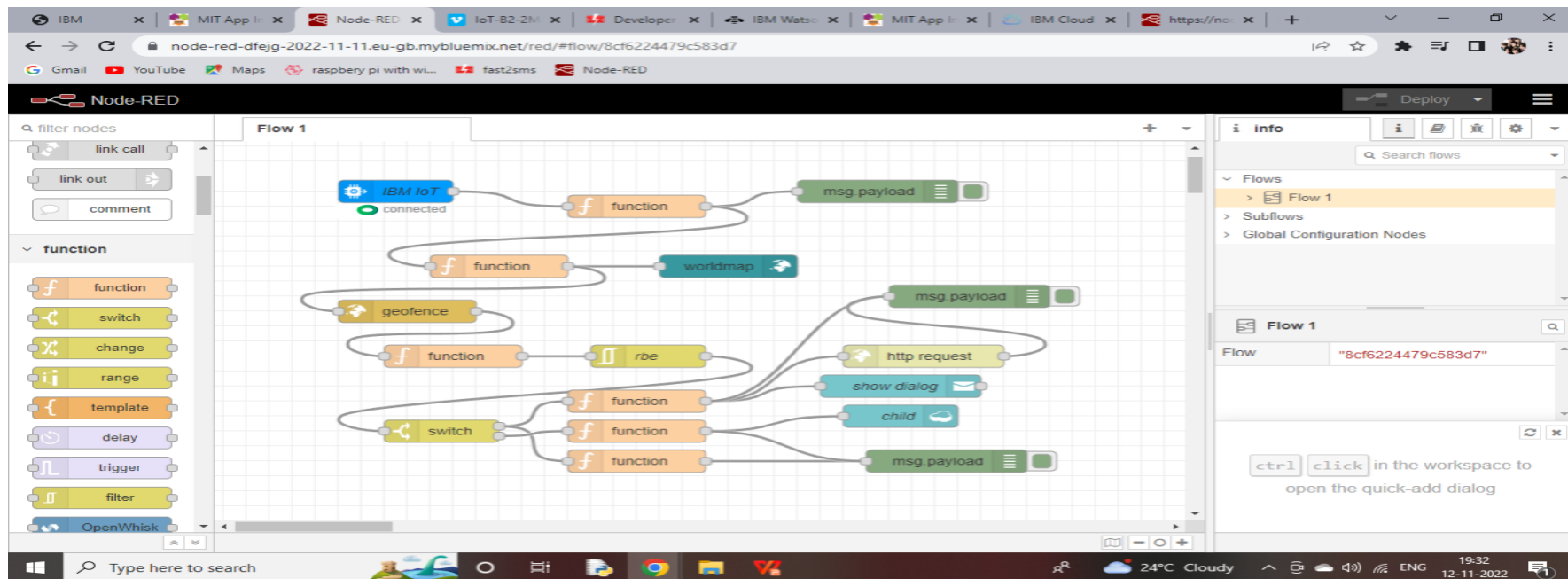
```
return msg;
```

### **FUNCTION 3:**

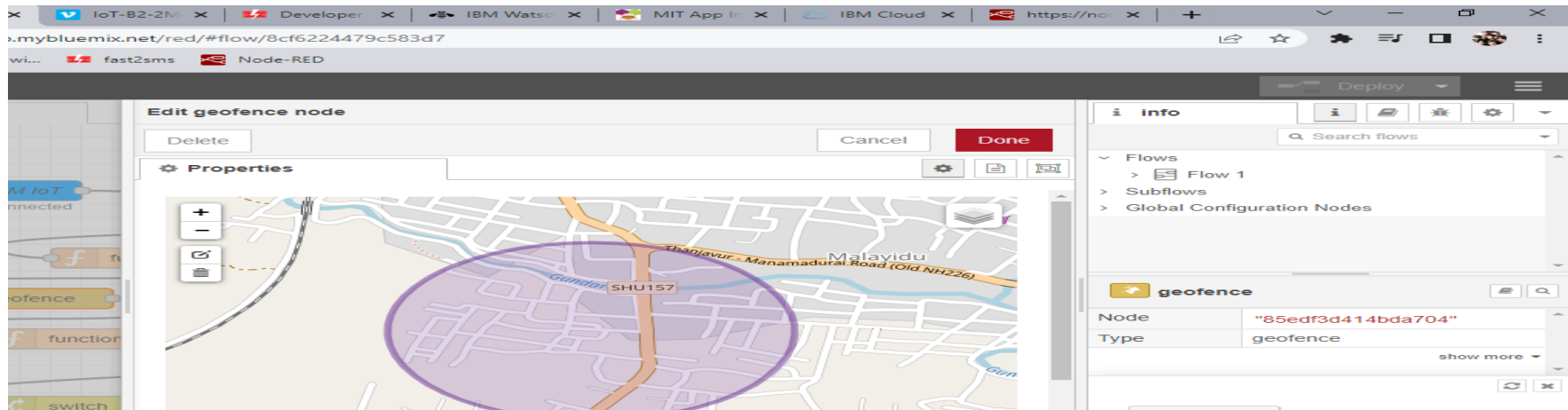
```
var d = new Date();  
var utc = d.getTime() + (d.getTimezoneOffset() * 60000);
```

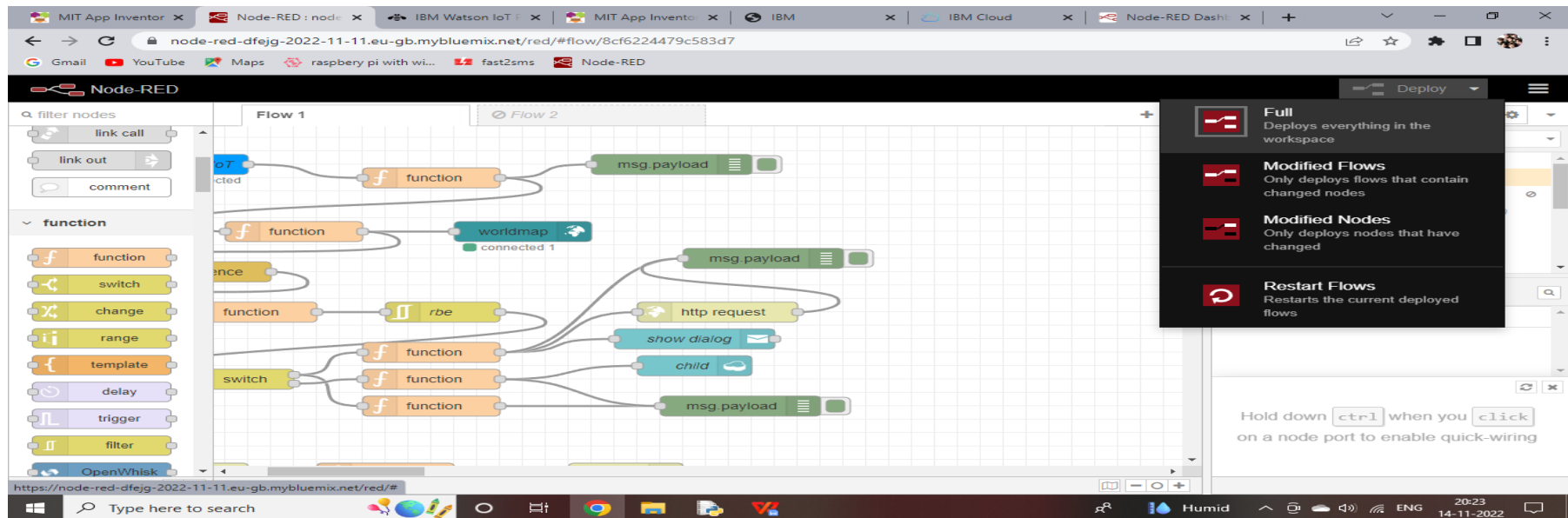
```
var offset = 5.5;  
newDate = new Date(utc = (3600000*offset));  
msg.payload = {  
  "message":"Entry/Exit",  
  "Time":newDate.toLocaleString(),  
  "name":global.get('name'),  
  "lat":gloabal.get('latitude'),  
  "lon":gloabal.get('longitude')  
};  
return msg;
```

## NODE RED CONNECTION:

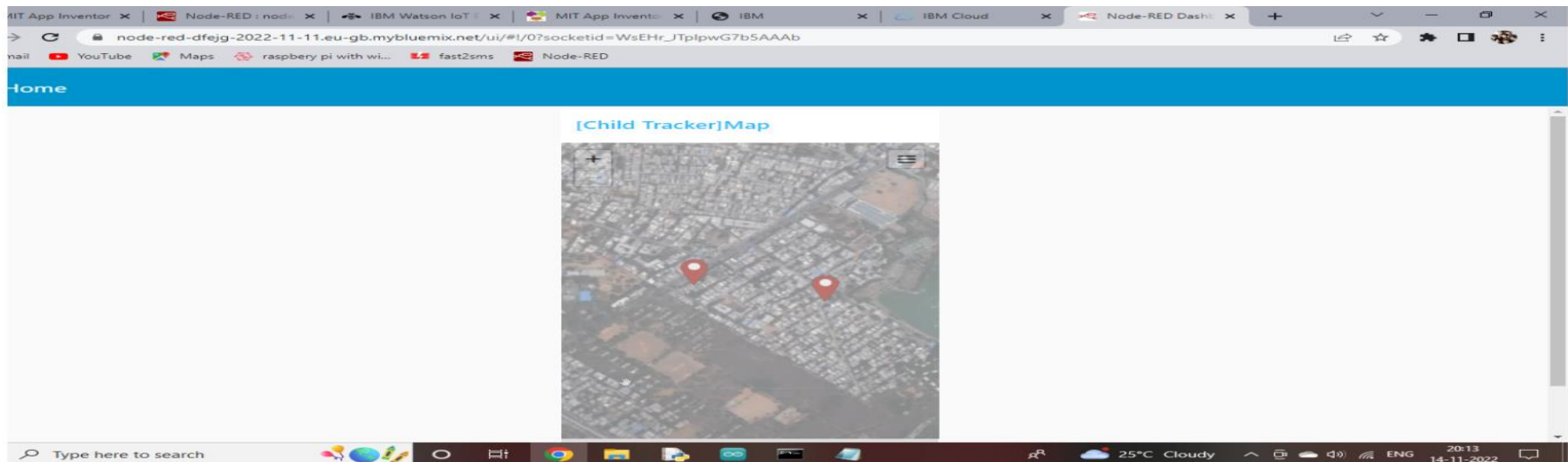


## NODE RED GEOFENCE:





## WEB UI CONNECTION: Tracking the child location



### JIRA Roadmap Progress:

[illegible]