Project Development-Delivery of Sprint 4

Date	19 November 2022
Team ID	PNT2022TMID48061
Project Name	Project -loT Based Safety Gadget for Child
	Safety Monitoring and Notification

Sprint 4 is about administration connection with WEB UI.

CODE FOR FUNCTION NODES:

FUNCTION 1:

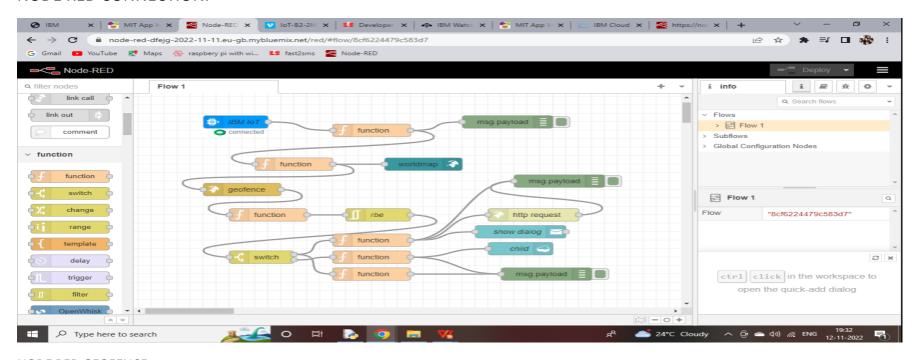
```
var name = msg.payload.name
var lat = msg.payload.lat
var lon = msg.payload.lon
global.set('latitude',lat)
global.set('longitude',lon)
global.set('name',name)
return msg;

FUNCTION 2:
    msg.payload-{
    'name':global.get('name'),
```

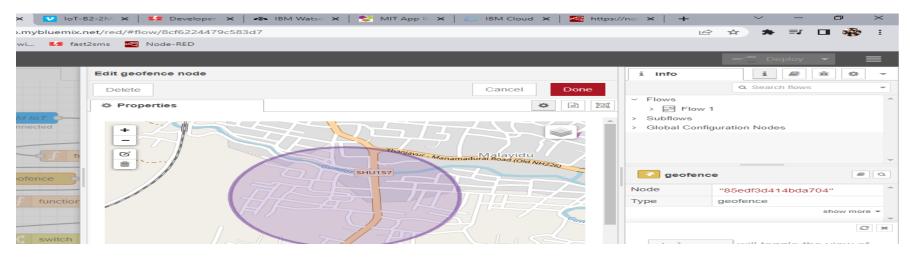
'lat':global.get('lat'),

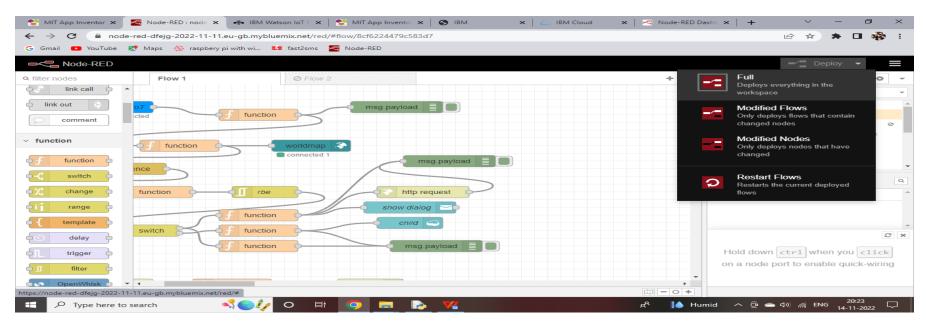
```
'lon':global.get('lon')
 return msg;
FUNCTION 3:
   var d = new Date();
   var utc = d.getTime() + (d. getTimezoneOffset() * 60000);
  var offset = 5.5;
  newDate = new Date(utc = (3600000*offset));
  msg.payload = {
   "message":"Entry/Exit",
   "Time":newDate.toLocalString(),
   "name":global.get('name'),
   "lat":gloabal.get('latitude'),
   "lon":gloabal.get('longitude')
  };
 return msg;
```

NODE RED CONNECTION:

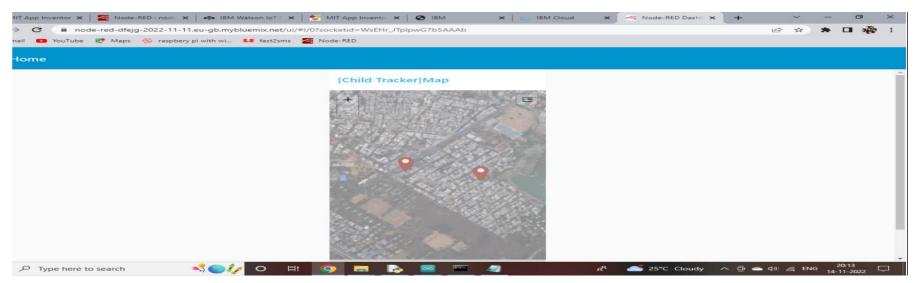


NODE RED GEOFENCE:





WEB UI CONNECTION: Tracking the child location



JIRA Roadmap Progress:

	NOV				NOV						NOV							
	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Sprints	IBSGFCMN Sprint 2, IBSGFCMN Sprint 3, IBSGFCMN																	
> IBSGFCMN-9 Registration																		
> 1 IBSGFCMN-11 Login																		
> IBSGFCMN-12 Notification																		
> IBSGFCMN-13 Network Connectivity																		
> IBSGFCMN-14 Administrator																		