

Develop The Web Application Using Node-RED

TEAM ID :PNT2022TMID52822

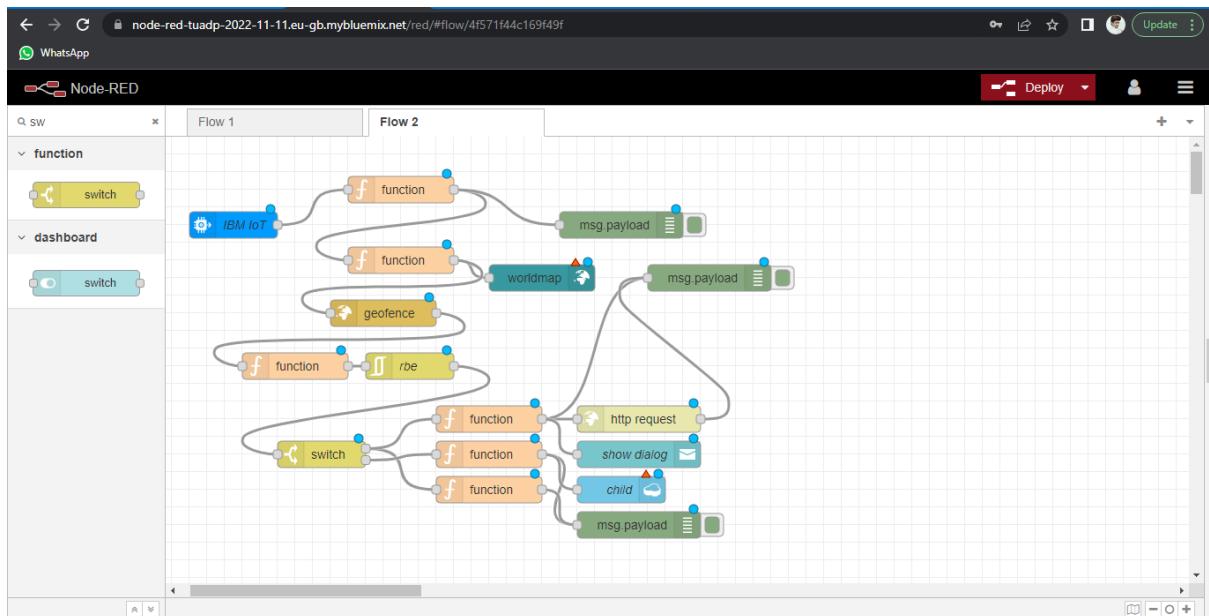
TEAM MEMBERS :

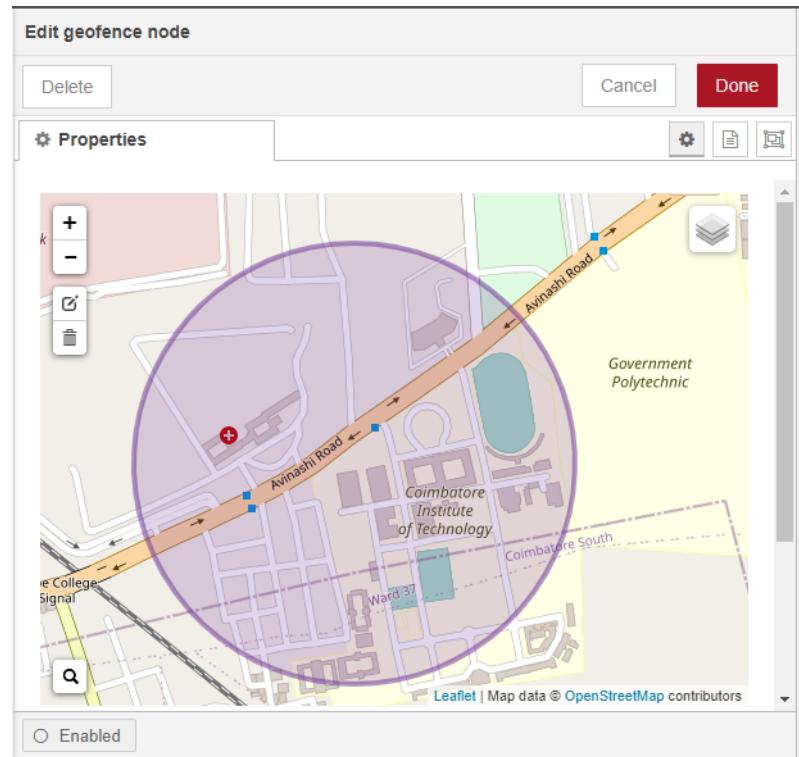
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Aim:

To develop the web application using Node-RED.

SNIPS:





Edit function node

Delete Cancel Done

Properties

Name: Name

Function

```

1 var d = new Date();
2 var utc = d.getTime() + (d.getTimezoneOffset() * 60000);
3 var offset = 5.5; // This is the offset for UTC+3, in your case (UTC+1)
4 newDate = new Date(utc + (3600000*offset));
5 msg.payload = {
6   "message": "Entry",
7   "Time": newDate.toLocaleString(),
8   "name": global.get('name'),
9   "lat": global.get('latitude'),
10  "lon": global.get('longitude')
11 };
12 return msg;
13
14
15
16
17
  
```

Edit notification node

Delete Cancel Done

Properties

Layout: OK / Cancel Dialog

Send to all browser sessions.

Default action label: OK

Secondary action label (optional label for Cancel button)

Accept raw HTML/JavaScript input in msg.payload to format popup.

Topic: [msg.topic]

Name: Name

Note: checking Accept raw HTML/JavaScript can allow injection of code. Ensure the input comes from trusted sources.

Edit function node

Properties

Name: Name

Setup | **Function** | **Close**

```

1 var name = msg.payload.name
2 var lat = msg.payload.lat
3 var lon = msg.payload.lon
4 global.set('latitude',lat)
5 global.set('longitude',lon)
6 global.set('name',name)
7 return msg;

```

Edit worldmap node

Properties

Group: [Child Tracker] Map

Size: auto

Start: Latitude 17.4226372, Longitude 78.5456505, Zoom 16

Base map: ESRI Satellite

Cluster when: zoom level is less than 0 (0, off - 19)

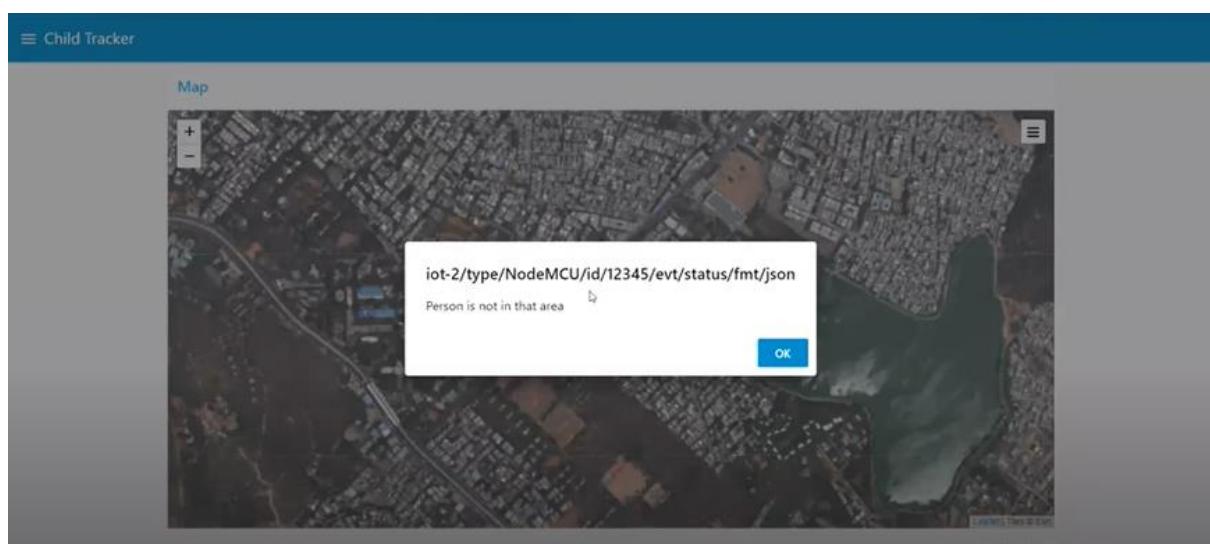
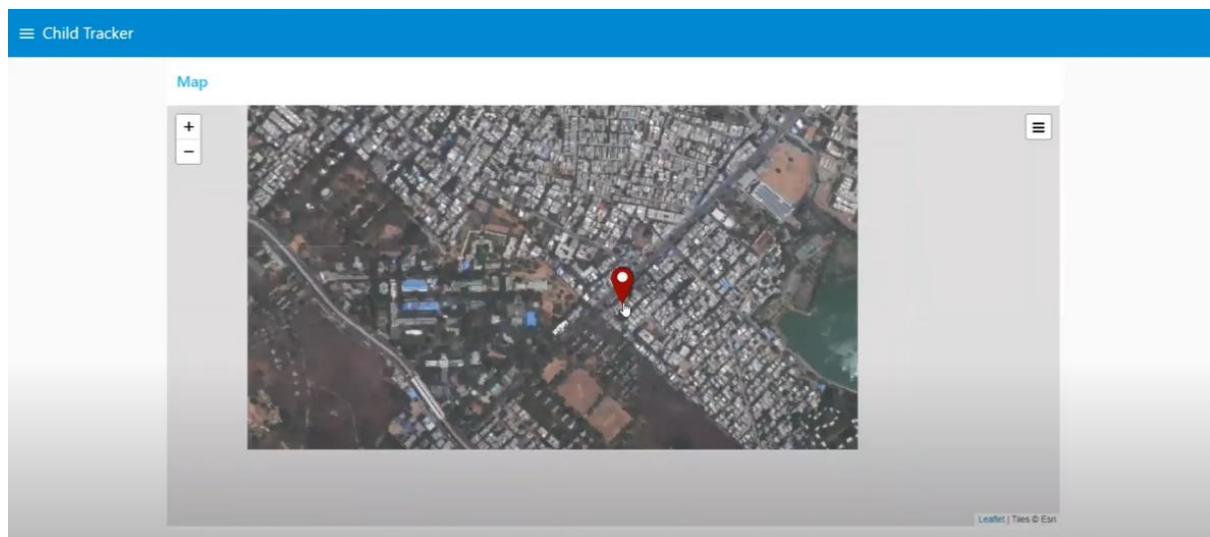
Max age: Remove markers after 600 seconds

User menu: Show | Layer menu: Hide

Lock map: False | Lock zoom: False

Auto-pan: Disable | Right click: Disable

Co-ordinates: Not show | Graticule: Not show



Result:

The web application using Node-RED has been created successfully.