

Sprint-3

Team ID	PNT2022TMID11493
Project Title	Signals with smart connectivity for better road safety
Date	15/11/22

Node-Red

The screenshot displays the Node-RED web interface in a browser. The main workspace shows a flow named 'Flow 1' with three nodes connected in sequence: an 'inject/sensor' node, a function node labeled 'MIT', and an 'http' node. The left sidebar contains a 'filter nodes' search bar and two categories of nodes: 'common' (including inject, debug, complete, catch, status, link in, link call, link out, and comment) and 'function' (including a generic function node). The right sidebar features a 'debug' console showing a log of messages. Each message entry includes a timestamp (14/11/2022, 3:53:34 pm), a node ID (f2f2649a.0d0d98), and a payload object: `{iot-2/type/gaya/id/0602/evt/status/fmt/json : msg payload : number : 25.990000000000001}`. The bottom of the image shows the Windows taskbar with the search bar, task view button, and several application icons (Edge, File Explorer, Mail, Chrome, VS Code). The system clock indicates 08:24 PM on 16-11-2022.

Node-RED: node-red-nvoxu-2022-11-09.au-syd.mybluemix.net

https://node-red-nvoxu-2022-11-09.au-syd.mybluemix.net/red/#flow/3ae7208b748d73a1

Node-RED

Flow 1

debug

all nodes

all

14/11/2022, 3:53:34 pm node: f2f2649a.0d0d98
iot-2/type/gaya/id/0602/evt/status/fmt/json : msg payload
: number
25.990000000000001

14/11/2022, 3:53:37 pm node: f2f2649a.0d0d98
iot-2/type/gaya/id/0602/evt/status/fmt/json : msg payload
: number
25

14/11/2022, 3:53:38 pm node: f2f2649a.0d0d98
iot-2/type/gaya/id/0602/evt/status/fmt/json : msg payload
: number
25.990000000000001

14/11/2022, 3:53:44 pm node: f2f2649a.0d0d98
iot-2/type/gaya/id/0602/evt/status/fmt/json : msg payload
: number
25

14/11/2022, 3:53:45 pm node: f2f2649a.0d0d98
iot-2/type/gaya/id/0602/evt/status/fmt/json : msg payload
: number
25.990000000000001

Type here to search

79°F

08:25 PM
16-11-2022

```
graph LR; inject --> Visibility; inject --> Temperature; Visibility --> msg_payload[msg payload]; Temperature --> msg_payload; Visibility --> Visibility_debug[debug]; Temperature --> Temperature_debug[debug]; [get]/sensor --> MIT; MIT --> http;
```

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Type here to search

79°F

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Edit function node

Delete Cancel Done

Properties

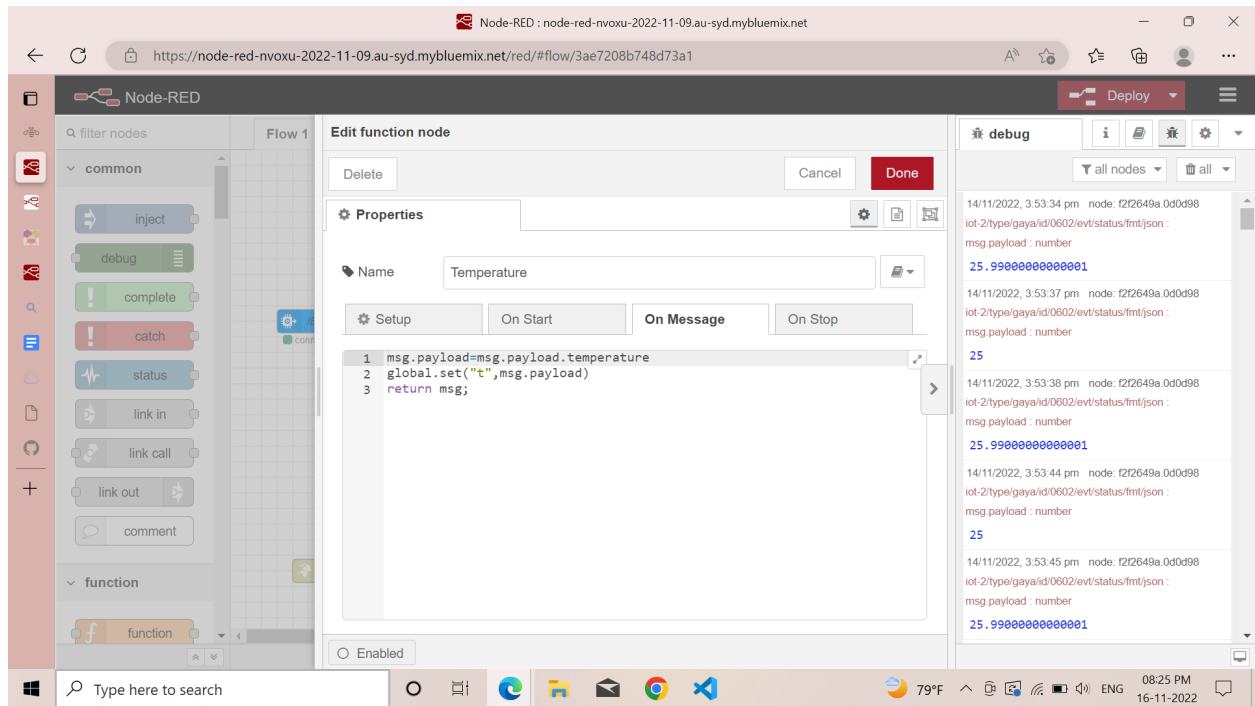
Name Visibility

Setup On Start On Message On Stop

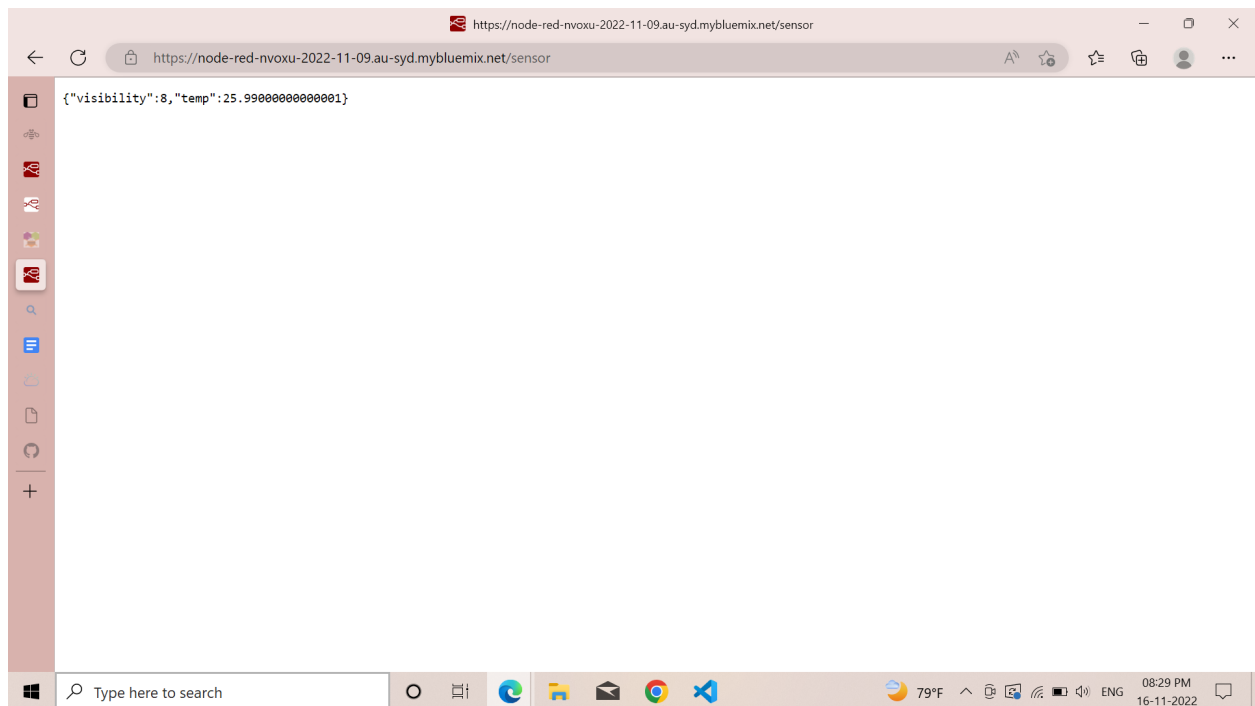
```
1 msg.payload=msg.payload.visibility
2 global.set("v",msg.payload)
3 return msg;
```

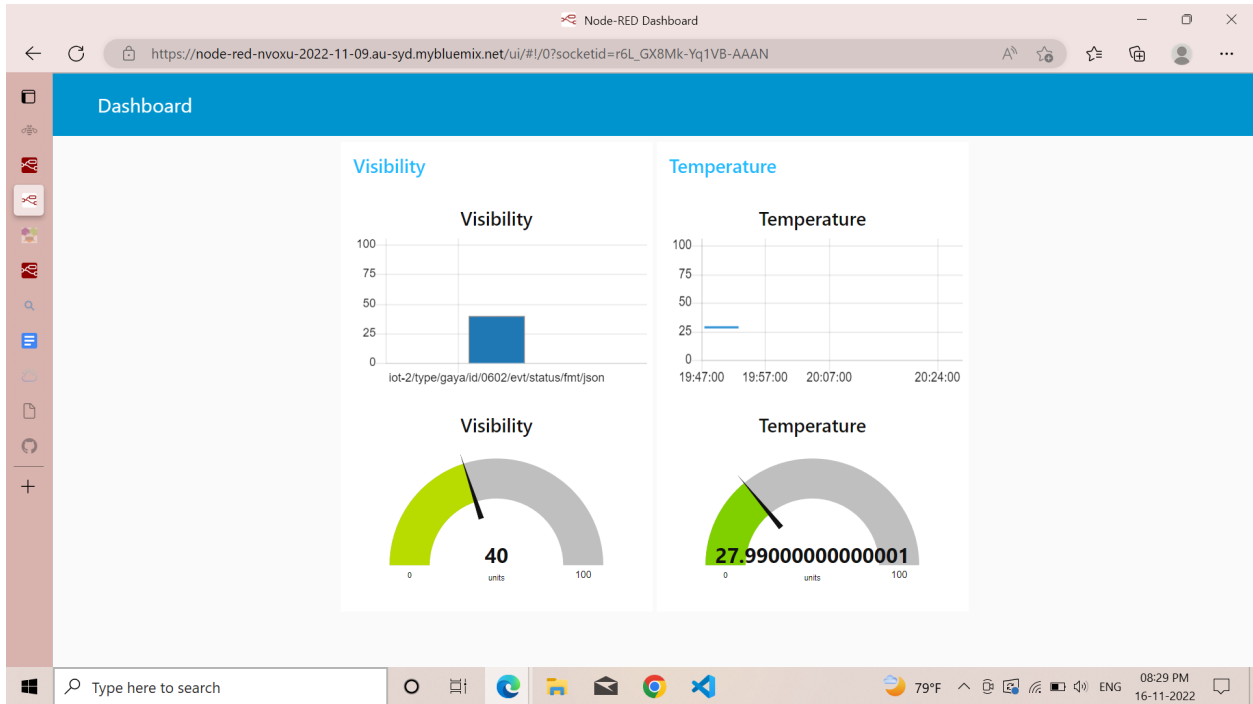
Enabled

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graph LR; inject --> Visibility; inject --> Temperature; Visibility --> msg_payload[msg payload]; Temperature --> msg_payload; Visibility --> Visibility_debug[debug]; Temperature --> Temperature_debug[debug]; [get]/sensor --> MIT; MIT --> http;
```



The web and graphical representation:





Type here to search

79°F 08:29 PM 16-11-2022