

## **DEVELOP A WEB APPLICATION USING NODE-RED SERVICE**

### **USE DASHBOARD NODES FOR CREATING UI (WEB APP)**

<b>Date</b>	<b>16 November 2022</b>
<b>Team ID</b>	PNT2022TMID33937
<b>Project Name</b>	<b>Industry-Specific Intelligent Fire Management System</b>
<b>Maximum Marks</b>	<b>8 Marks</b>

Node-RED

Deploy

filter nodes

Flow 1Flow 2Flow 3

common

inject

debug

complete

catch

status

link in

link call

link out

comment

function

function

IBM IoT

disconnected

debug 3

Temperature

Humidity

sensors

httpfunctionnode

http request

Temperature

Humidity

debug

all nodesall

11/15/2022, 11:45:37 AM node: debug 3

iot-2/type/iot\_device/id/wokwi\_us/evt/Default/fmt/json :  
msg.payload : Object

▶ { temp: 36.4, humid: 46.5, Alert...!:  
"Alarm and Alert Light will be ..." }

11/15/2022, 11:45:39 AM node: debug 2

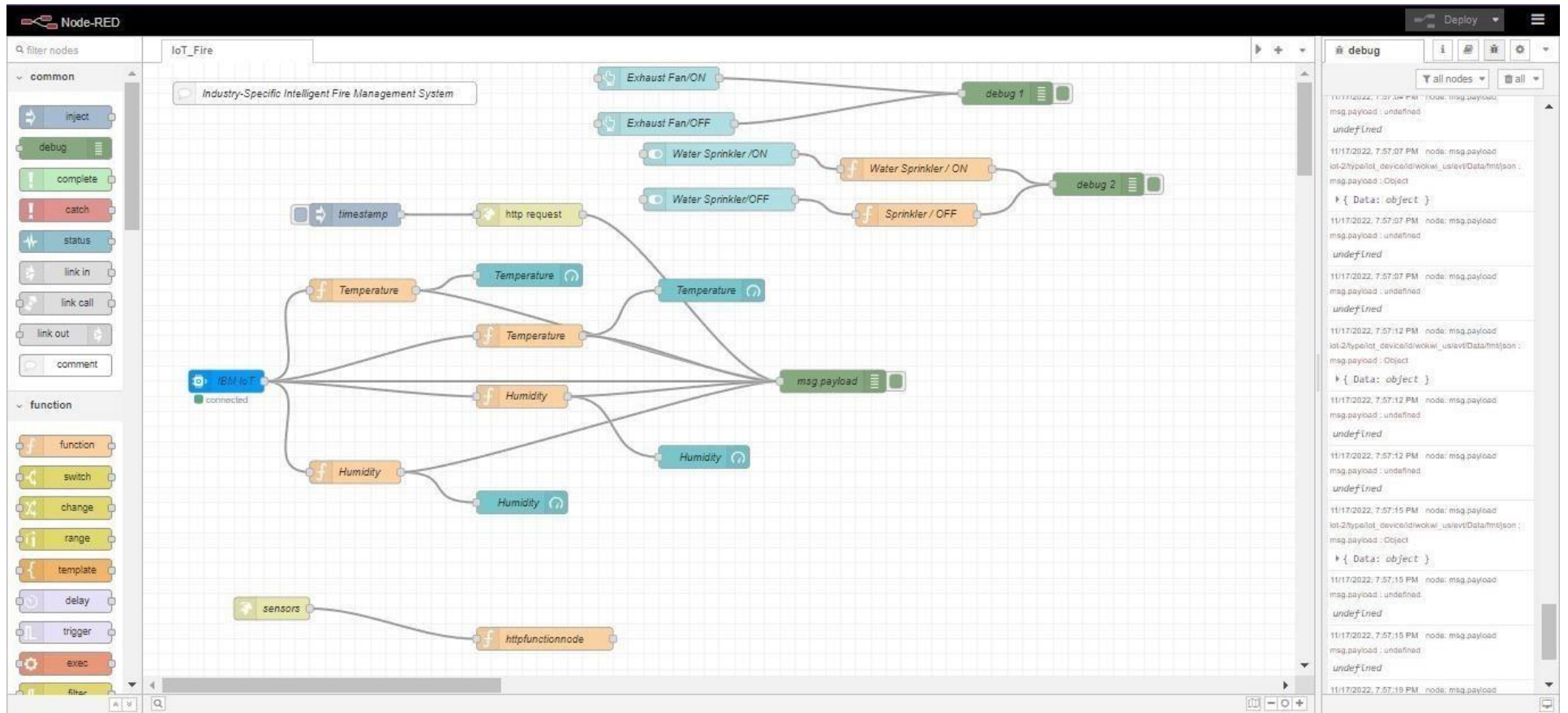
iot-2/type/iot\_device/id/iot\_device\_2/evt/Default/fmt/json :  
msg.payload : Object

▶ { temp: 36.4, humid: 46.5, Alert...!:  
"Alarm and Alert Light will be ..." }

11/15/2022, 11:46:43 AM node: debug 3

iot-2/type/iot\_device/id/wokwi\_us/evt/Default/fmt/json :  
msg.payload : Object

▶ { temp: 36.4, humid: 46.5, Alert...!:  
"Alarm and Alert Light will be ..." }



PNT2022TMID47980

Humidity



EXHAUST FAN ON

EXHAUST FAN OFF

Temperature



Water Sprinkler /ON



Humidity



Water Sprinkler/OFF



Temperature

