

Sprint - 4

Date	16 November 2022
Team ID	PNT2022TMID39877
Project Name	Project – Smart Farmer - IoT Enabled Smart Farming Application

Node – Red Configuration & Sending Commands To Motor :

- We Added Two Buttons In The Application In Order To Access The Motor

1 = Motor On

0 = Motor Off

- We Used A Function Node To Analyses And Receive And Analysis Of Data

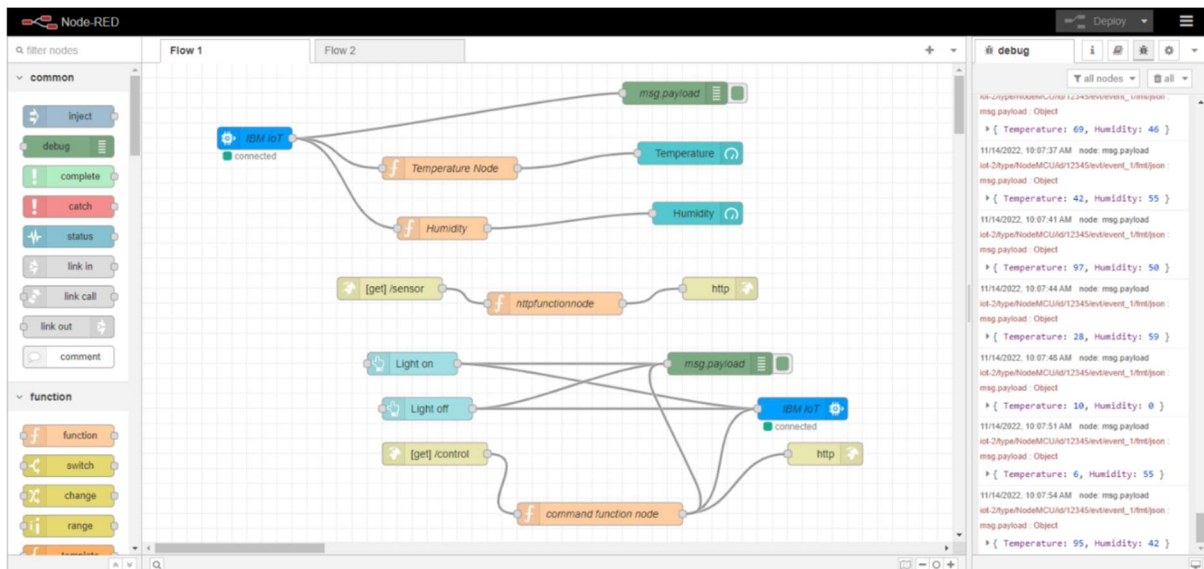
The Node – Red Code :

```
if(msg.payload===1)
    msg.payload={"command":"ON"};
else if(msg.payload==0)
    msg.payload={"command":"OFF"};
```

JSON UI Interface:

1. In order To Use A Virtual Environment We Can Develop A Platform In Node – Red In Order To Show The Gauges, Text And Buttons To Control The Equipments.

Node – Red Platform:



Screenshot (Gauge, Text And Button):

