

SPRINT 4

Date	03 November 2022
Team ID	PNT2022TMID14662
Project Name	Project Smart Farmer-IoT Enabled smart Farming Application

Here we add two buttons in UI

1->formotor on

2 -> for motor off

We used a function node to analyses the data received and assigncommand to each number.

The Java script code for the analyses is:

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

Adjusting User Interface

In order to display the parsed JSON data a Node-Red dashboard is created

Here we are using Gauges, text and button nodes to display in the UI andhelps to monitor the parameters and control the farm equipment.

Below images we started to create the flow 1

SCREENSHOTS:

