

SPRINT 4

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Project Name	Project – Smart Farmer-IOT Enabled smartFarming Application

CONFIGURATION OF NODE-RED TO SEND COMMANDS TO IBM CLOUD

Here we add two buttons in UI

1 -> for motor on

2 -> for motor off

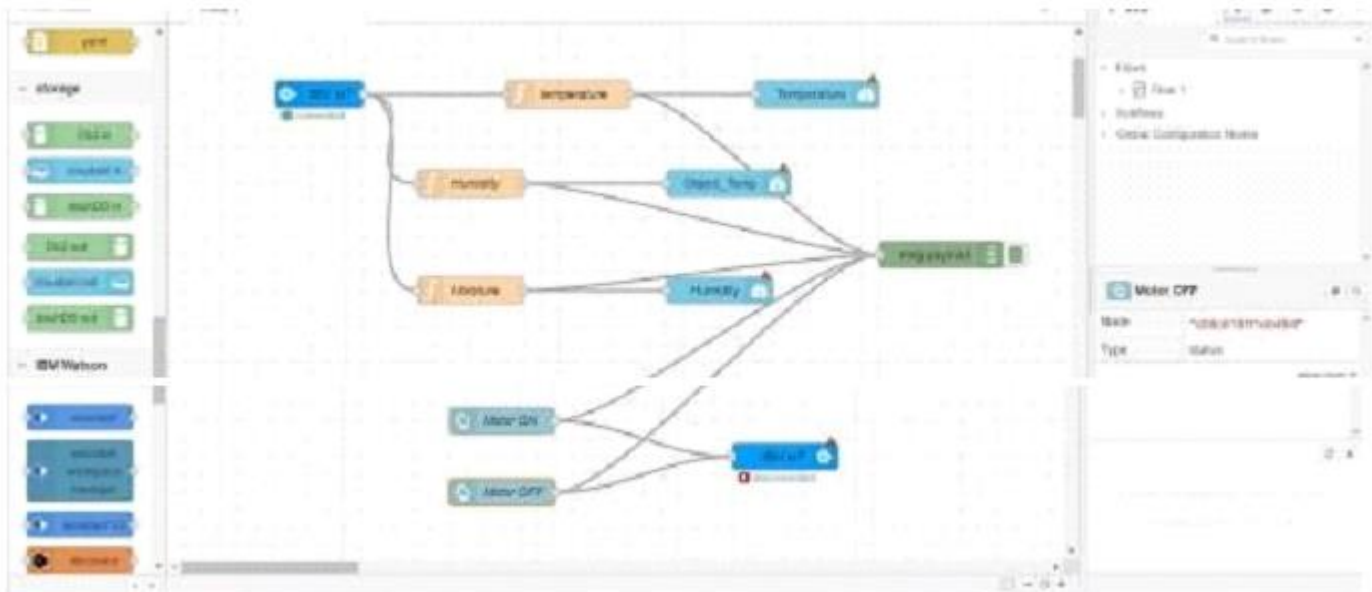
We used a function node to analyse the data received and assign command to each number.

The Java script code for the analysis 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 Data a Node-Red dashboard is created text and button nodes to display in the UI and helps to monitor the parameters and control the farm equipment.



COMPLETE PROGRAM:



