SPRINT4

TeamID	PNT2022TMID25425
ProjectName	Project – Smart Farmer-IoT Enabled
	smartFarmingApplication

CONFIGURATIONOFNODE-REDTOSENDCOMMANDSTOIBMCLOUD

Hereweaddtwobuttons in UI1-

>formotoron

2->formotoroff

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

The Java script code for the analyses

is:if(msg.payload===1)msg.payload={"

command": "ON"};else

 $if(msg.payload === 0) msg.payload = \{"co$

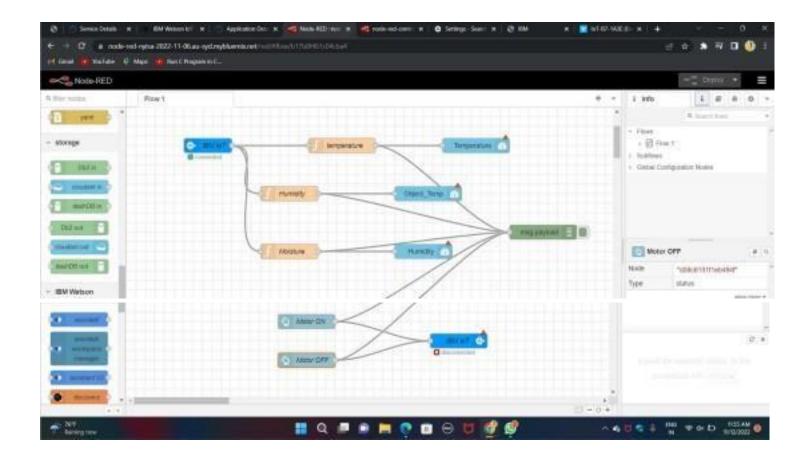
mmand":"OFF"};

AdjustingUserInterface

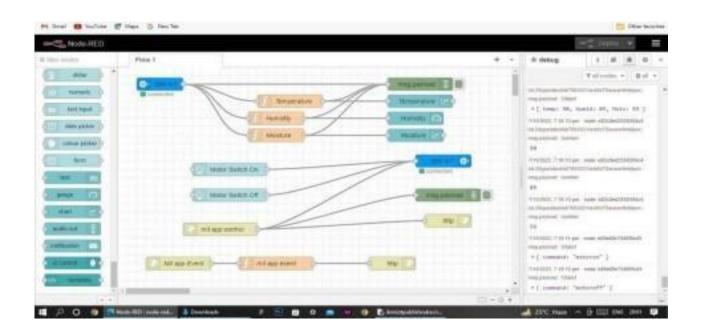
In order to display the parsed JSON data a Node-Red dashboard is created

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

Below images we started to create the flow 1



COMPLETEPROGRAMFLOW:



SCREENSHOTS:

