SPRINT-3

Date	07 November 2022
TEAM ID	PNT2022TMID32056
Project Name	IoT Based smart crop Protection system for agriculture
Maximum mark	20 marks

STEP1: Download and Install NODE JS.

STEP2: Setup node.js and configure command prompt for error check .open node-red from the generated link.

STEP3: Connect IBM IOT in and Debug 1 and Deploy.
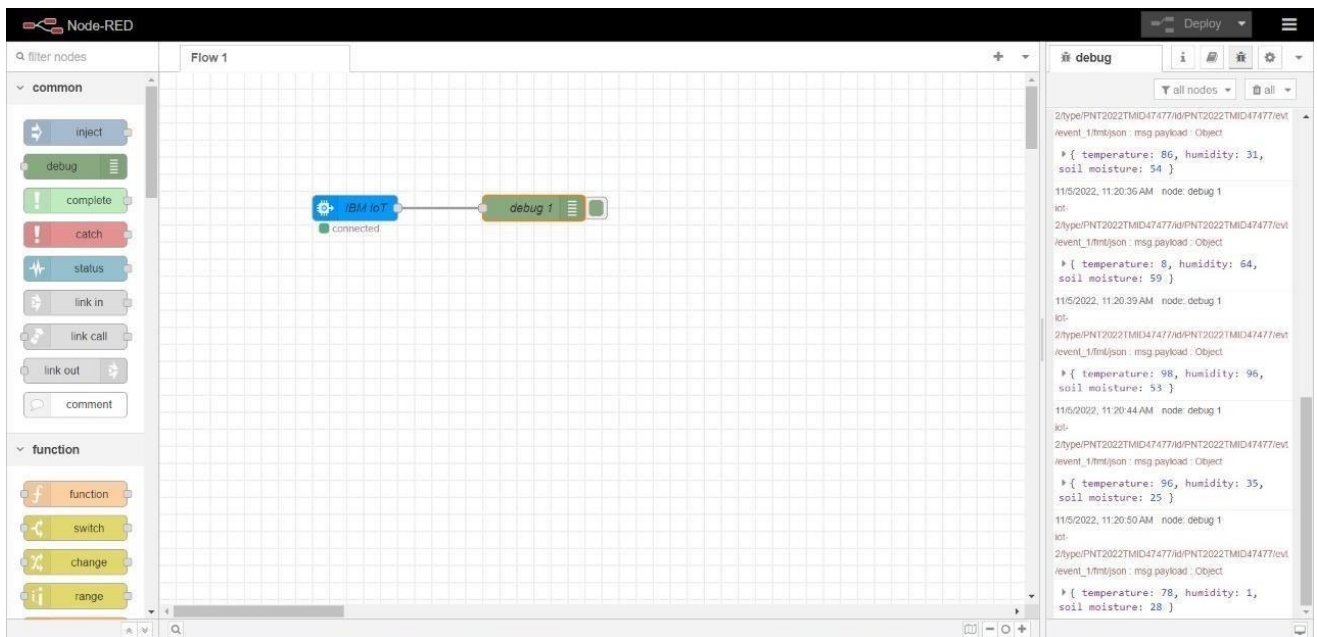
STEP4: Edit gauge node (Here the gauge nodes are named as Temperature, Humidity and Soil moisture).
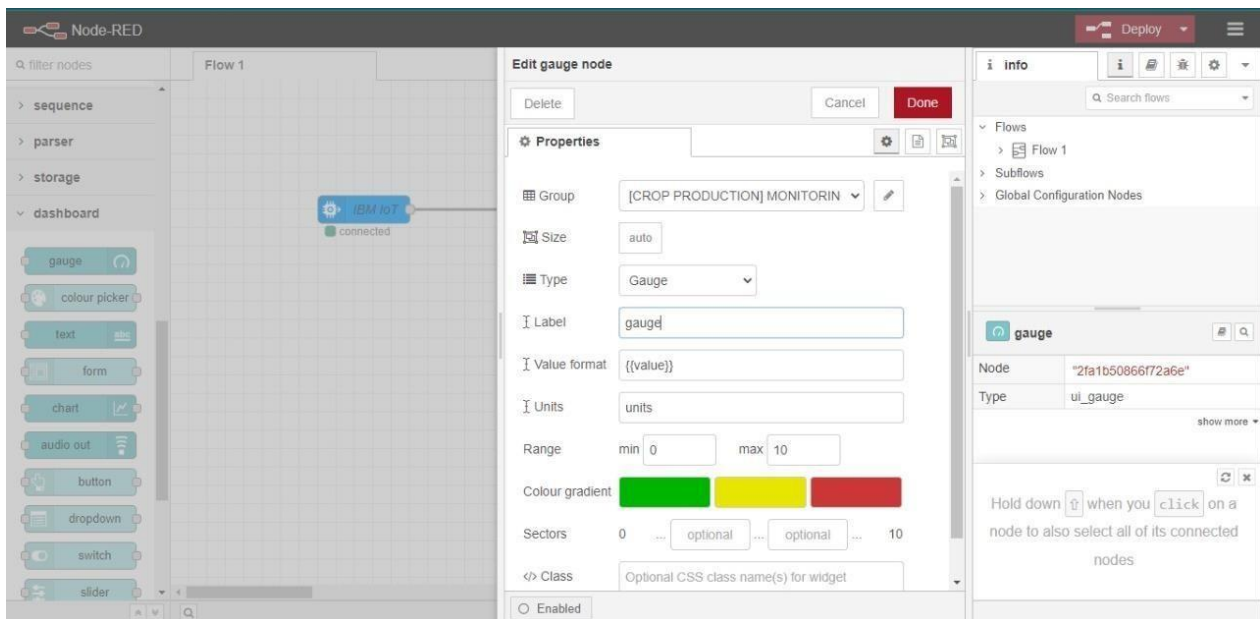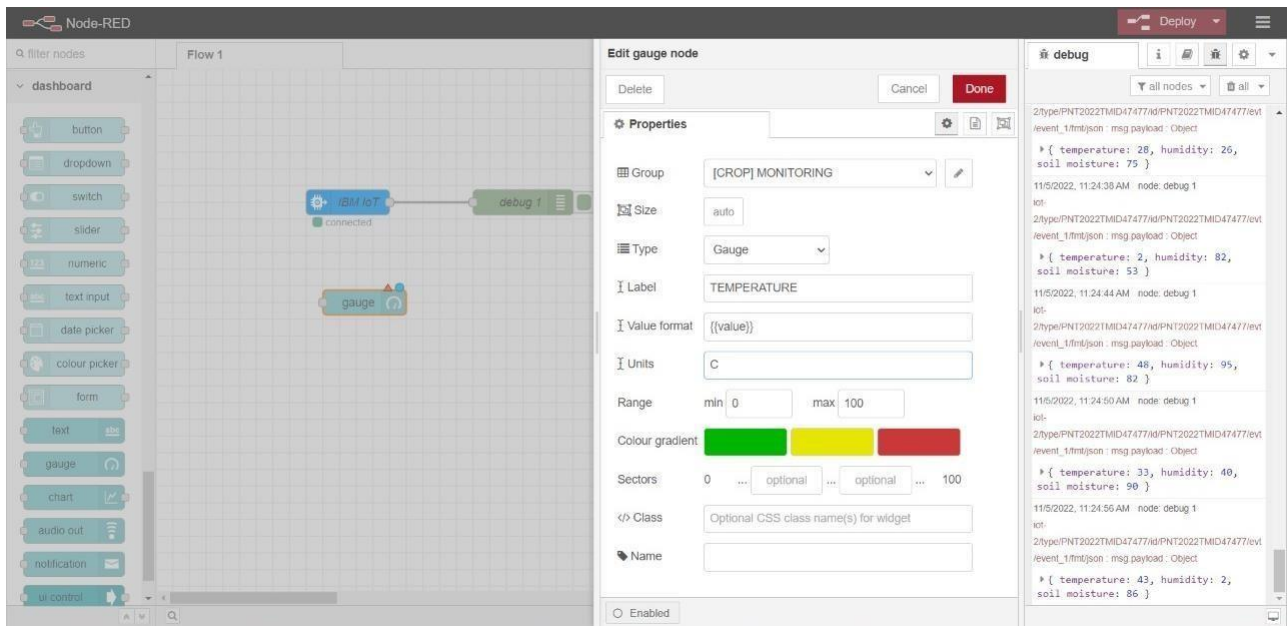
SIMULATION:

STEP1: Simulated program to get the random values.

STEP2: Generate debug message from IBM Watson IoT Platform and connect the nodes.

STEP3: Generate the some output from recent events

Browse   Action   Device Types   Interfaces
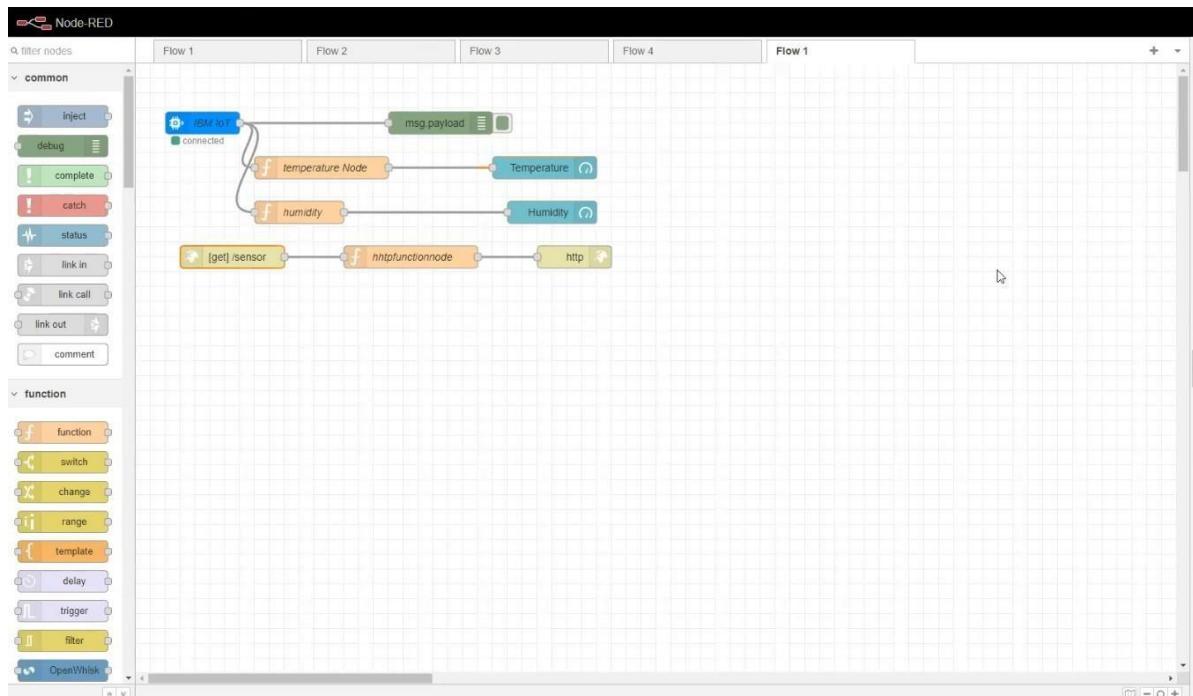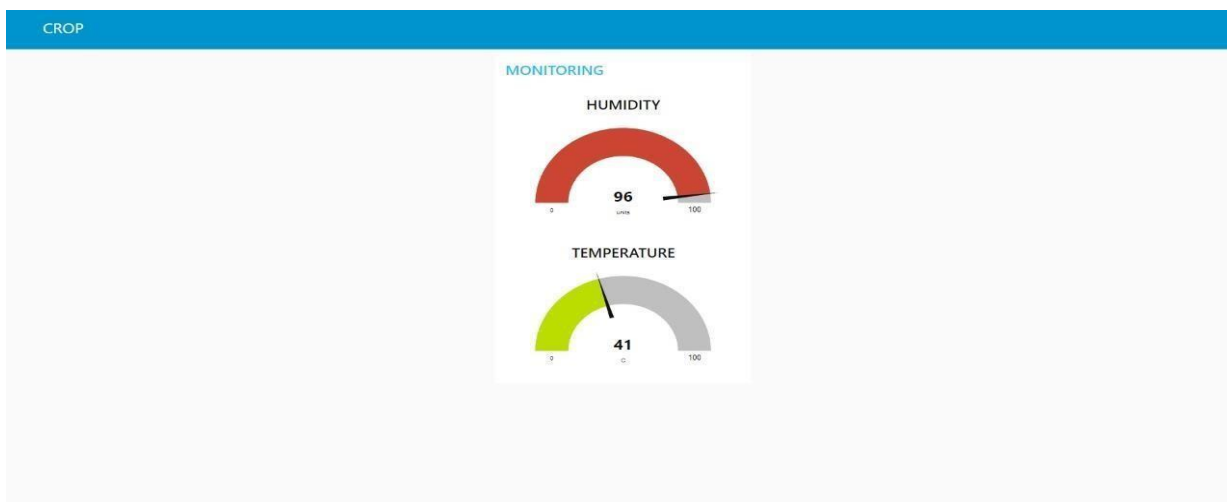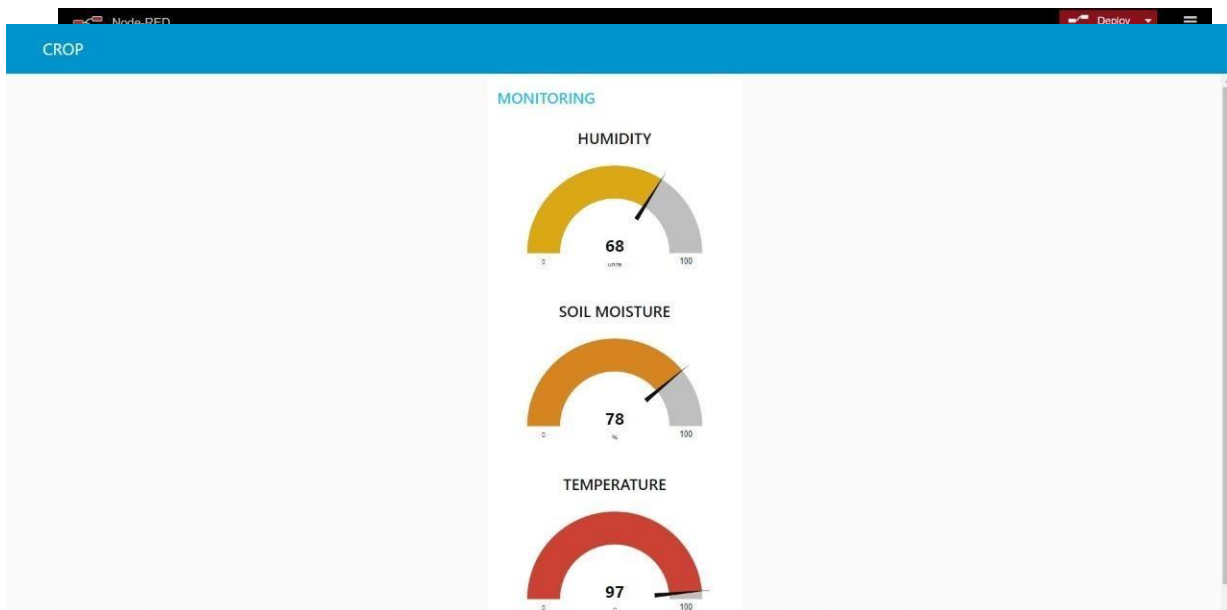
Add Device

| | 12345678 | Disconnected | ibm | Device | Nov 16, 2022 4:04 PM | cumabharathi2001@gmail.com | |

Identity   Device Information   Recent Events   State   Logs

The recent events listed show the live stream of data that is coming and going from this device.

Event	Value	Format	Last Received
event_1	{"temperature":46,"humidity":40,"moisture":9," ...	json	a few seconds ago
event_1	{"temperature":52,"humidity":94,"moisture":77," ...	json	a minute ago
event_1	{"temperature":3,"humidity":54,"moisture":20," ...	json	2 minutes ago
event_1	{"temperature":61,"humidity":47,"moisture":73," ...	json	3 minutes ago
event_1	{"temperature":92,"humidity":64,"moisture":16," ...	json	4 minutes ago

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1 Simulation running