

## DELIVERY OF SPRINT PHASE 2

DATE	18 NOVEMBER 2022
TEAM ID	PNT2022TMID18233
PROJECT NAME	Name Project – Smart Farmer-IoT Enabled smart Farming Application

### FLOW 1:

The screenshot displays the Node-RED web interface in a browser. The main workspace shows 'Flow 1' with a single flow: an 'IBM IoT' node (labeled 'connected') connected to a 'msg.payload' node. The left sidebar contains a 'filter nodes' search bar and a list of nodes categorized into 'input' and 'output'. The right sidebar features a 'debug' console showing a sequence of JSON messages received from the IoT node. Each message is an object with 'randomNumber', 'temp', and 'humidity' properties. The messages are timestamped and include a node ID.

```
iot-2/type/IOTId21/evt/eventflow/rntjson - msg.payload
: Object
  {
    randomNumber: 76, temp: 106,
    humidity: 96
  }
11/18/2022, 1:21:54 AM node: f2f2649a-0d0d98
iot-2/type/IOTId21/evt/eventflow/rntjson - msg.payload
: Object
  {
    randomNumber: 42, temp: 108,
    humidity: 63
  }
11/18/2022, 1:22:55 AM node: f2f2649a-0d0d98
iot-2/type/IOTId21/evt/eventflow/rntjson - msg.payload
: Object
  {
    randomNumber: 62, temp: 102,
    humidity: 96
  }
11/18/2022, 1:23:55 AM node: f2f2649a-0d0d98
iot-2/type/IOTId21/evt/eventflow/rntjson - msg.payload
: Object
  {
    randomNumber: 45, temp: 95,
    humidity: 66
  }
11/18/2022, 1:24:55 AM node: f2f2649a-0d0d98
iot-2/type/IOTId21/evt/eventflow/rntjson - msg.payload
: Object
  {
    randomNumber: 21, temp: 94,
    humidity: 86
  }
```

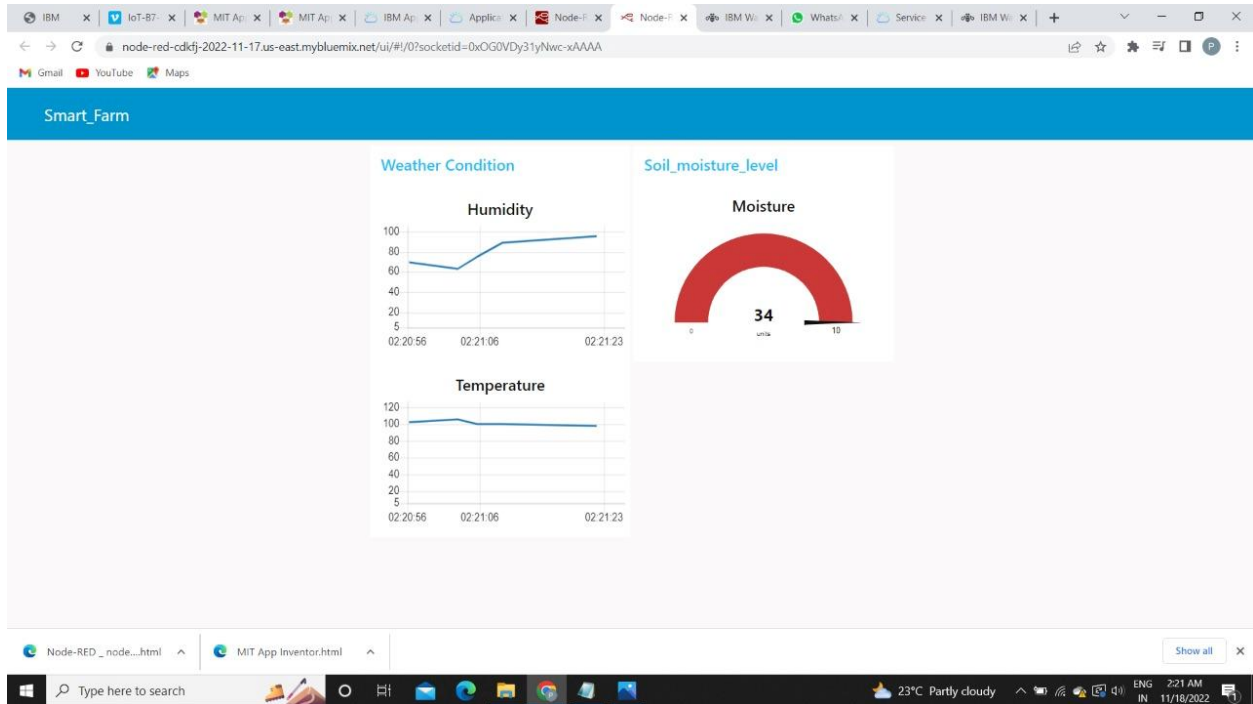
## FLOW 2:

The screenshot shows the Node-RED web interface in a browser. The left sidebar contains a 'filter nodes' search bar and a list of nodes categorized into 'input' and 'output'. The main workspace, labeled 'Flow 1', shows a 'Sample' node connected to a 'msg.payload' node. The right sidebar displays a 'debug' console with a log of messages, including 'Welcome to smart farm' and sensor data objects. The bottom of the screen shows a Windows taskbar with various application icons and system information.

## FINAL FLOW:

The screenshot shows the Node-RED web interface in a browser. The left sidebar contains a 'filter nodes' search bar and a list of nodes categorized into 'function' and 'output'. The main workspace, labeled 'Flow 1', shows a 'msg.payload' node connected to three function nodes labeled 'Temperature', 'Humidity', and 'Moisture'. The right sidebar displays a 'debug' console with a log of messages, including 'Error: Connection refused: Not authorized' and sensor data objects. The bottom of the screen shows a Windows taskbar with various application icons and system information.

## OUTPUT OF MEASURED VALUE:



## IBM WATSON IoT PLATFORM DEVICE CONNECT & LIVE DATA:

