

## SPRINT-II

Date	19 November 2022
Team ID	PNT2022TMID06181
Project Name	Project – Smart Farmer- IOT Enabled Smart Farming Application

### IBM WATSON PLATFORM:

The screenshot shows the IBM Watson IoT Platform interface. The left sidebar contains navigation icons for Home, Devices, Recent Events, State, Device Information, Metadata, Diagnostics, Connection Logs, and Device Actions. The main content area is titled 'Device Drilldown - abcd'. It features a 'Connection Information' section with details: Device ID (abcd), Device Type (avpdk12), Date Added (Nov 19, 2022 9:53 AM), Added By (91762014202@smartinternz.com), and Connection Status (Connected). Below this is a 'Recent Events' section with a table showing live data streams. The table has columns for Event, Value, and Format. The data shows IoTSensor events with JSON payloads like {"temp":15,"Humid":65,"Mois":42}. A '0 Simulations running' button is visible at the bottom right.

Event	Value	Format
IoTSensor	{"temp":15,"Humid":65,"Mois":42}	json

This screenshot shows the same IBM Watson IoT Platform interface, but with the 'Recent Events' section expanded. The table lists six IoTSensor events with their respective JSON payloads and timestamps. The 'State' section at the bottom is also visible, indicating '0 Simulations running'.

Event	Value	Format	Last Received
IoTSensor	{"temp":66,"Humid":70,"Mois":93}	json	a few seconds ago
IoTSensor	{"temp":38,"Humid":41,"Mois":21}	json	a few seconds ago
IoTSensor	{"temp":15,"Humid":65,"Mois":42}	json	a few seconds ago
IoTSensor	{"temp":69,"Humid":54,"Mois":26}	json	a few seconds ago
IoTSensor	{"temp":23,"Humid":61,"Mois":51}	json	a few seconds ago

IBM Watson IoT Platform

Device Drilldown - abcd

Connection Information

Recent Events

State

This table shows a list of data points that are reported by this device.

Showing Raw Data | No Interfaces Available

Property	Value	Type	Event	Last Received
temp	43	Number	IoT Sensor	a few seconds ago
Humid	84	Number	IoT Sensor	a few seconds ago
Mois	15	Number	IoT Sensor	a few seconds ago

Device Information

View basic device information including location and manufacturer.

Edit Device Information

0 Simulations running

## NODE RED:

Node-RED

Flow 1

Flow 2

debug

msg.payload : number

53

11/19/2022, 5:48:23 PM node: 025649a-0d0d98  
iot-2/type/avpdk12/diabcd/ev/iotSensor/mtl/json :  
msg.payload : number

19

11/19/2022, 5:48:23 PM node: 025649a-0d0d98  
iot-2/type/avpdk12/diabcd/ev/iotSensor/mtl/json :  
msg.payload : number

90

11/19/2022, 5:48:23 PM node: 025649a-0d0d98  
iot-2/type/avpdk12/diabcd/ev/iotSensor/mtl/json :  
msg.payload : number

47

11/19/2022, 5:48:23 PM node: 025649a-0d0d98  
iot-2/type/avpdk12/diabcd/ev/iotSensor/mtl/json :  
msg.payload : number

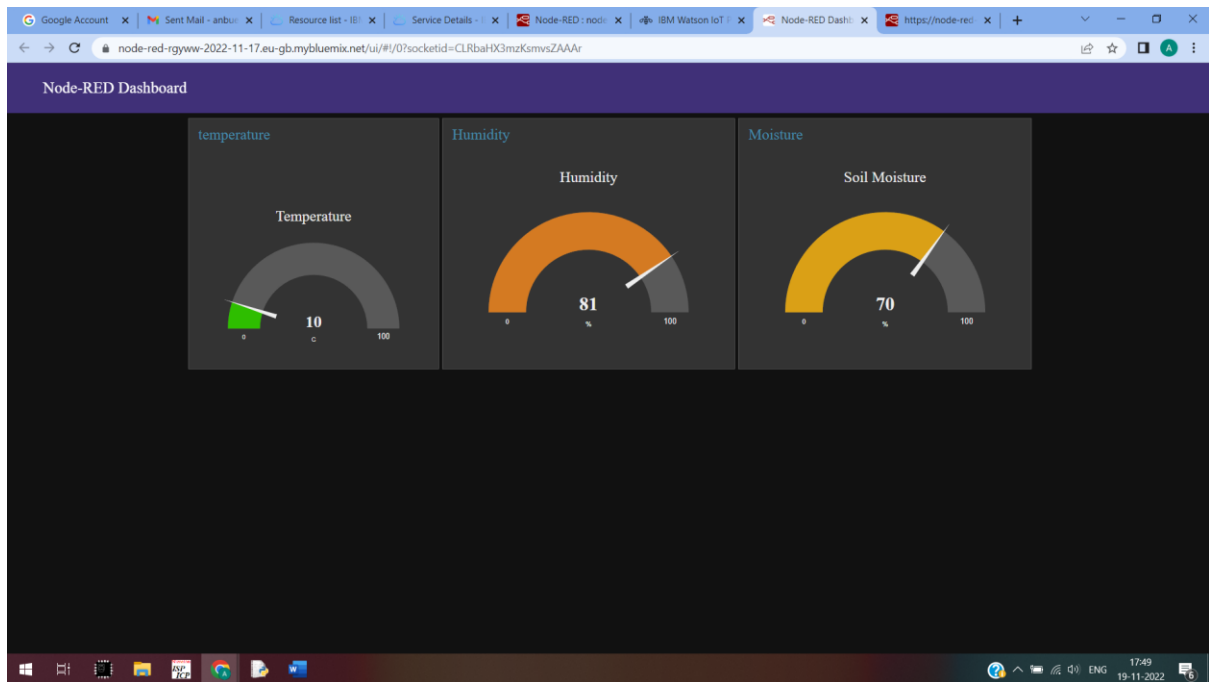
47

11/19/2022, 5:48:23 PM node: 025649a-0d0d98  
iot-2/type/avpdk12/diabcd/ev/iotSensor/mtl/json :  
msg.payload : number

55

11/19/2022, 5:48:23 PM node: 025649a-0d0d98  
iot-2/type/avpdk12/diabcd/ev/iotSensor/mtl/json :  
msg.payload : number

20



## OUTPUT FOR SENSOR DATA:

```
{ "temp":10,"Humid":81,"Mois":70 }
```

