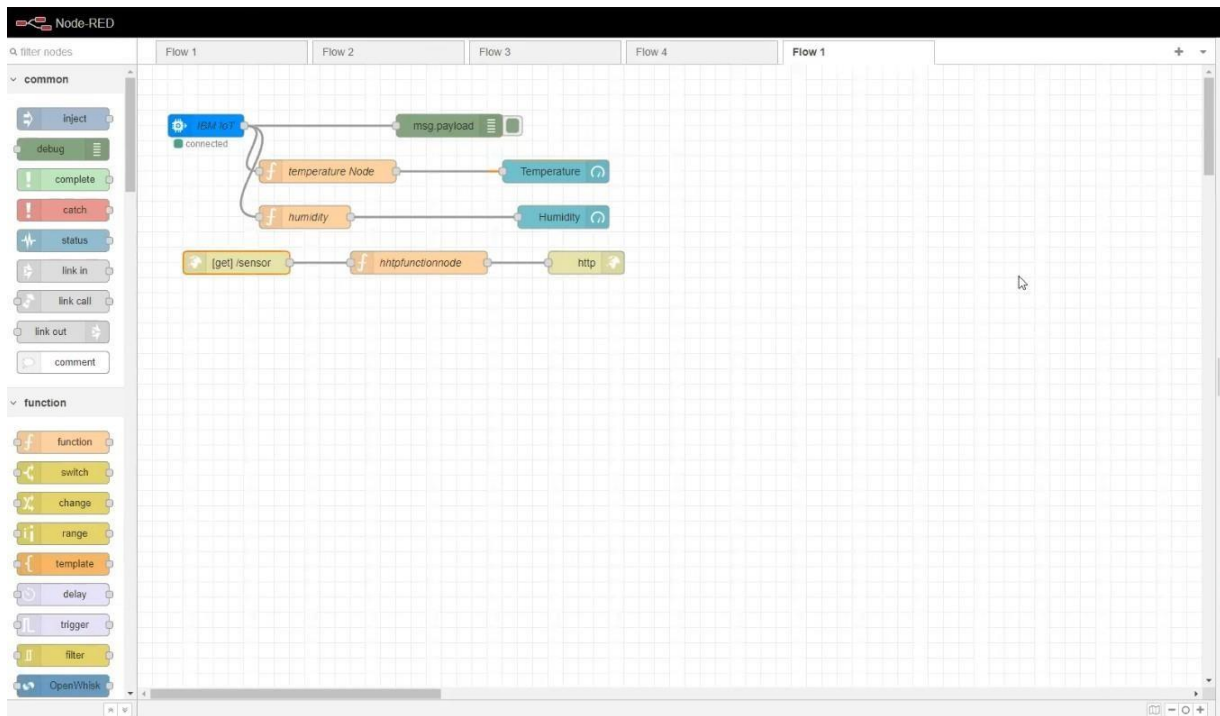


SPRINT 3

Date	07 November 2022
TEAM ID	PNT2022TMID32051
Project Name	IoT Based Smart Crop Protection System for Agriculture
Maximum mark	20 marks

STEP1: Simulated program to get the random values.



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

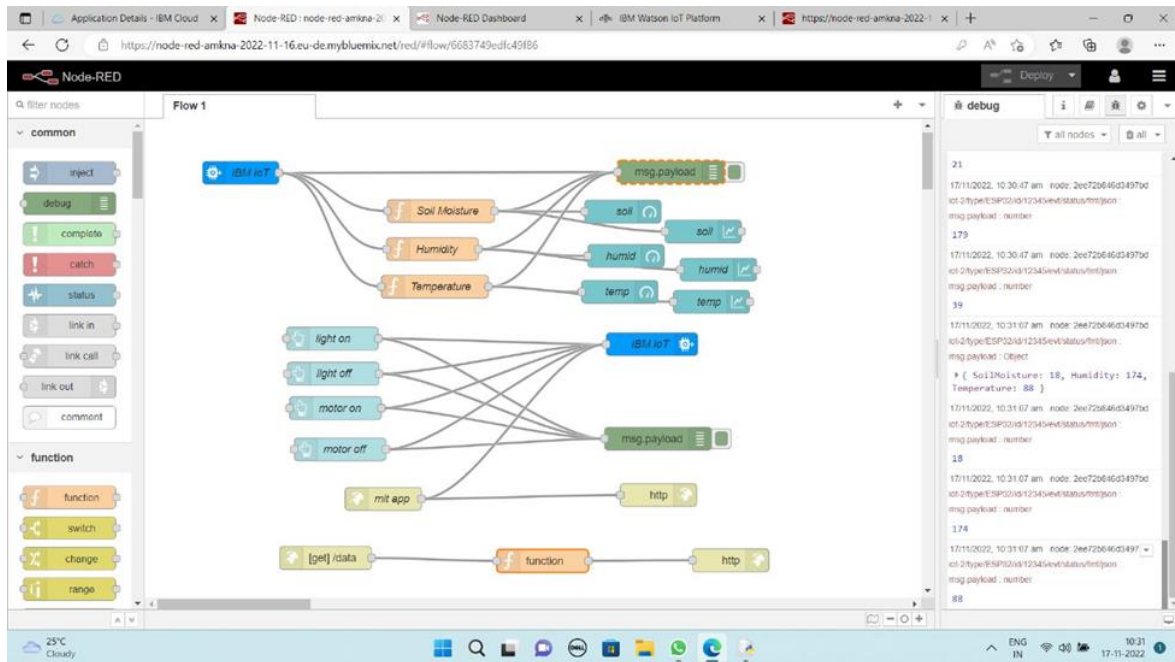
The screenshot shows the Node-RED interface with a debug message and a flow diagram. The debug message is as follows:

```

17/11/2022, 10:45:09 am node:2ee726646d3497bd
iot:2type:ESP32/12345dev/status/rtn/json
msg.payload: Object
{
  "SoilMoisture": 26,
  "Humidity": 10,
  "Temperature": 81
}
17/11/2022, 10:45:09 am node:2ee726646d3497bd
iot:2type:ESP32/12345dev/status/rtn/json
msg.payload: number
26
17/11/2022, 10:45:09 am node:2ee726646d3497bd
iot:2type:ESP32/12345dev/status/rtn/json
msg.payload: number
10
17/11/2022, 10:45:09 am node:2ee726646d3497bd
iot:2type:ESP32/12345dev/status/rtn/json
msg.payload: number
81
  
```

The flow diagram shows the following components and connections:

- inject** node: Connected to the **msg.payload** node.
- connected** node: Connected to the **temperature Node** and **humidity** nodes.
- temperature Node**: Connected to the **Temperature** output node.
- humidity**: Connected to the **Humidity** output node.
- [get] sensor** node: Connected to the **httpfunctionnode**.
- httpfunctionnode**: Connected to the **http** output node.



STEP3: Generate some output from recent events.

