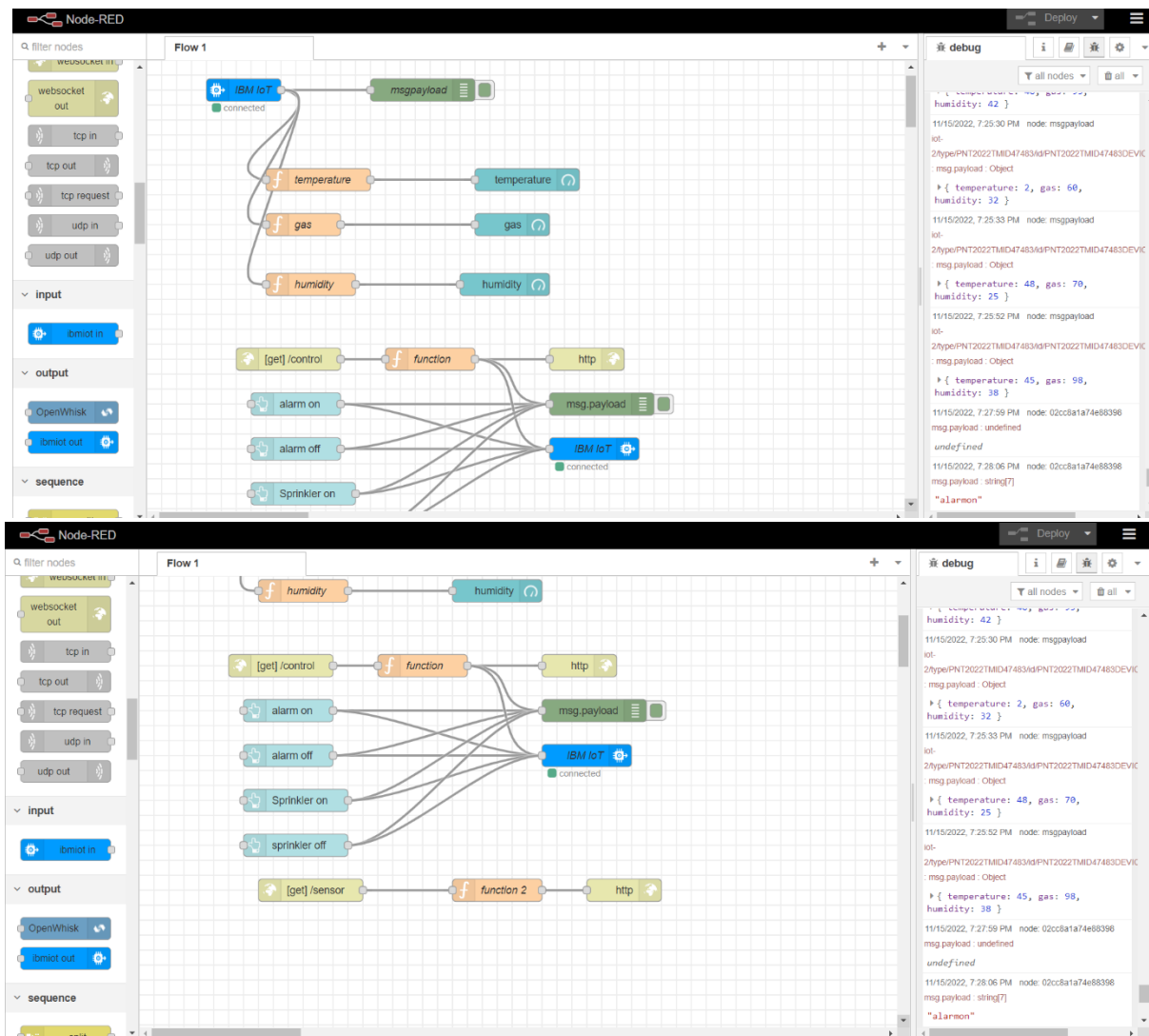


## Project Development Phase Delivery of Sprint 4

Date	15 November 2022
Team ID	PNT2022TMID47483
Project Name	Project –Gas leakage monitoring and alerting system for industries
Marks	20 marks

### Step 1: Open Node Red from IBM Cloud



Step 2: Generated link is pasted

<https://node-red-runhw-2022-11-14.eu-gb.mybluemix.net/sensor>

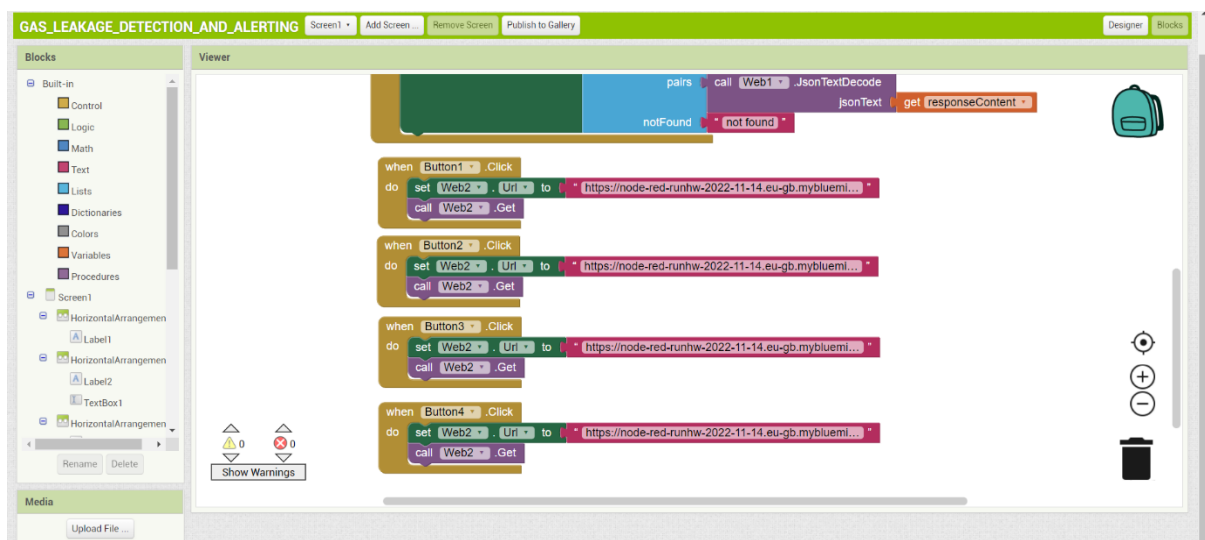
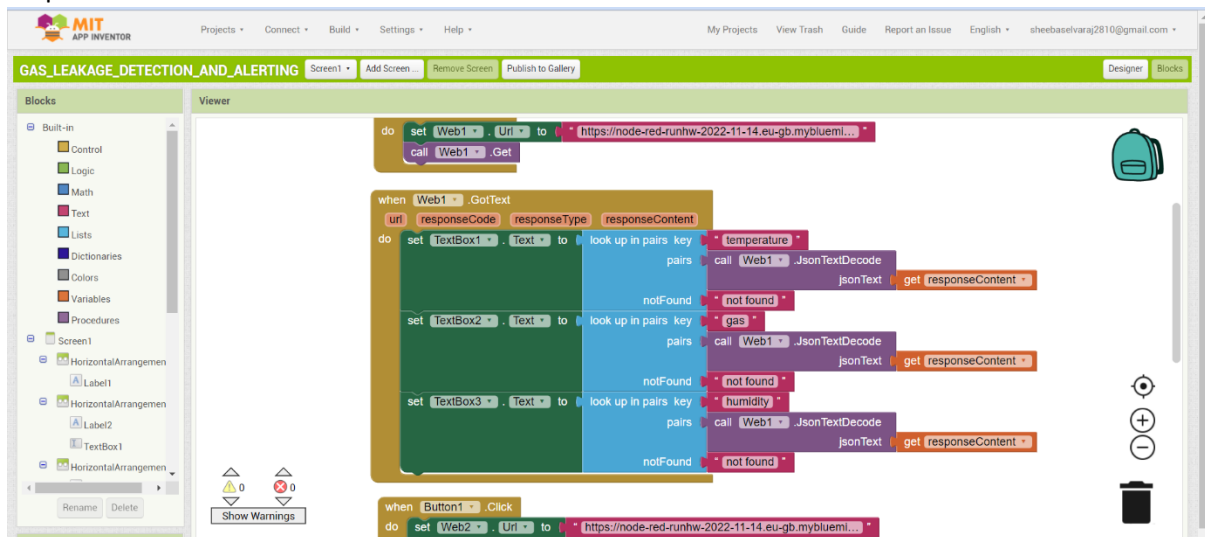
<https://node-red-runhw-2022-11-14.eu-gb.mybluemix.net/control?command=alarmon>

<https://node-red-runhw-2022-11-14.eu-gb.mybluemix.net/control?command=sprinkleron>

<https://node-red-runhw-2022-11-14.eu-gb.mybluemix.net/control?command=alarmoff>

<https://node-red-runhw-2022-11-14.eu-gb.mybluemix.net/control?command=sprinkleroff>

Step 3: Paste the links in the sensor and button blocks and the results of blocks of backend is shown



Step 4: The final input using MIT app inventor is displayed:

The screenshot shows a mobile application interface titled "GAS LEAKAGE DETECTION AND ALERTING". At the top, there is a status bar with the time "7:33 PM", signal strength indicators, and a battery level of "81". Below the title, there are three input fields for sensor data: "TEMPERATURE LEVEL" with the value "45", "GAS LEVEL" with the value "98", and "HUMIDITY LEVEL" with the value "38". Below these fields, there are four buttons arranged in a 2x2 grid: "ALARM ON", "ALARM OFF", "SPRINKLER ON", and "SPRINKLER OFF". The interface is displayed on a mobile device screen, with the Android navigation bar visible at the bottom.

GAS LEAKAGE DETECTION AND ALERTING	
TEMPERATURE LEVEL	45
GAS LEVEL	98
HUMIDITY LEVEL	38
ALARM ON	ALARM OFF
SPRINKLER ON	SPRINKLER OFF