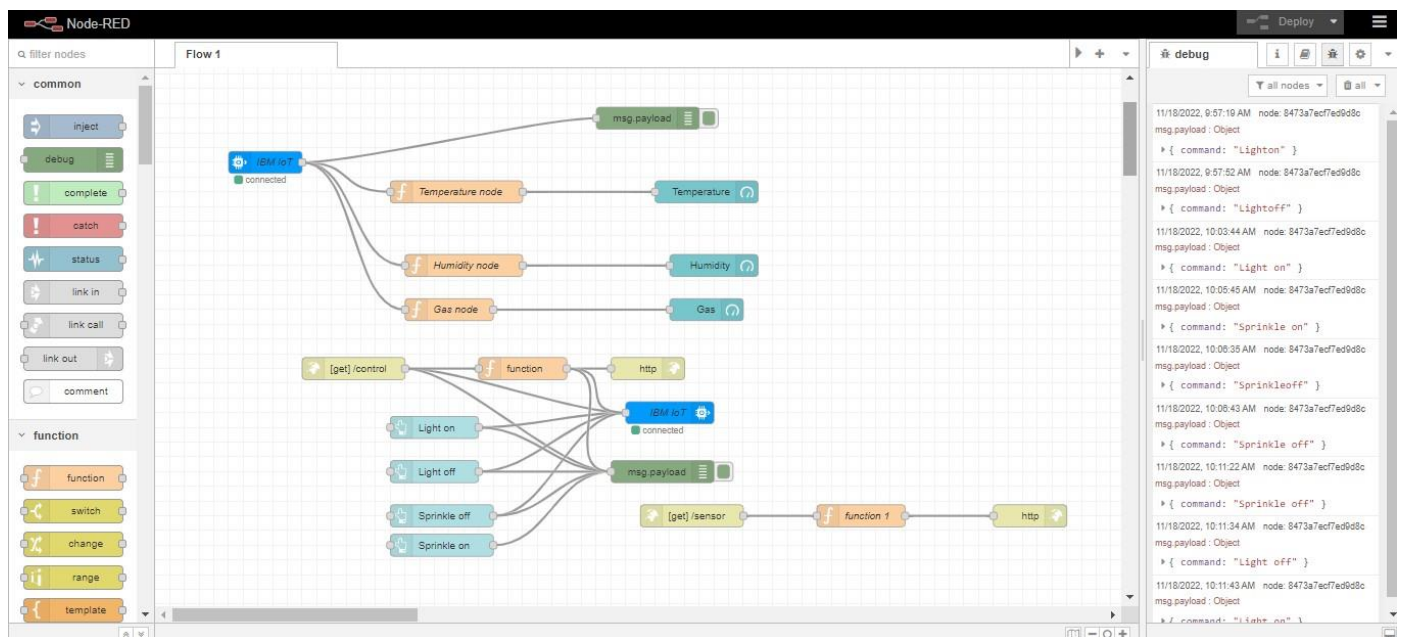


## Project Development Phase

### Delivery of Sprint 4

Date	18 November 2022
Team ID	PNT2022TMID16936
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-bwjoz-2022-11-10.eu-gb.mybluemix.net/sensor>

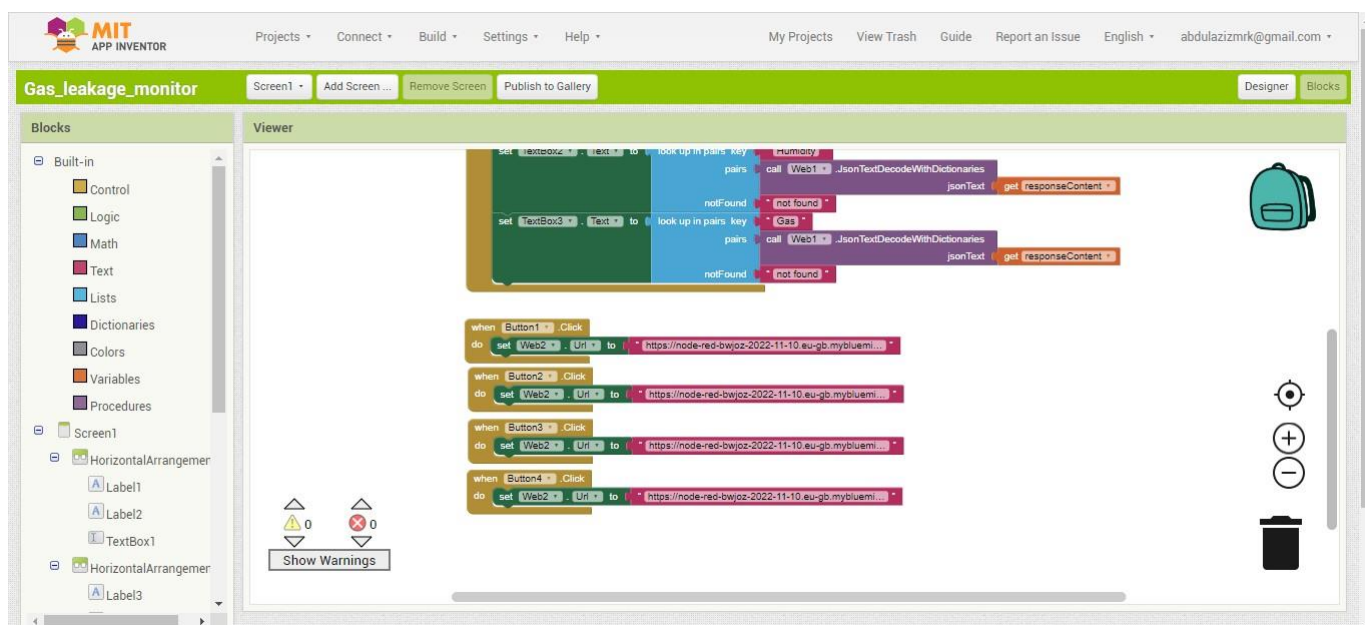
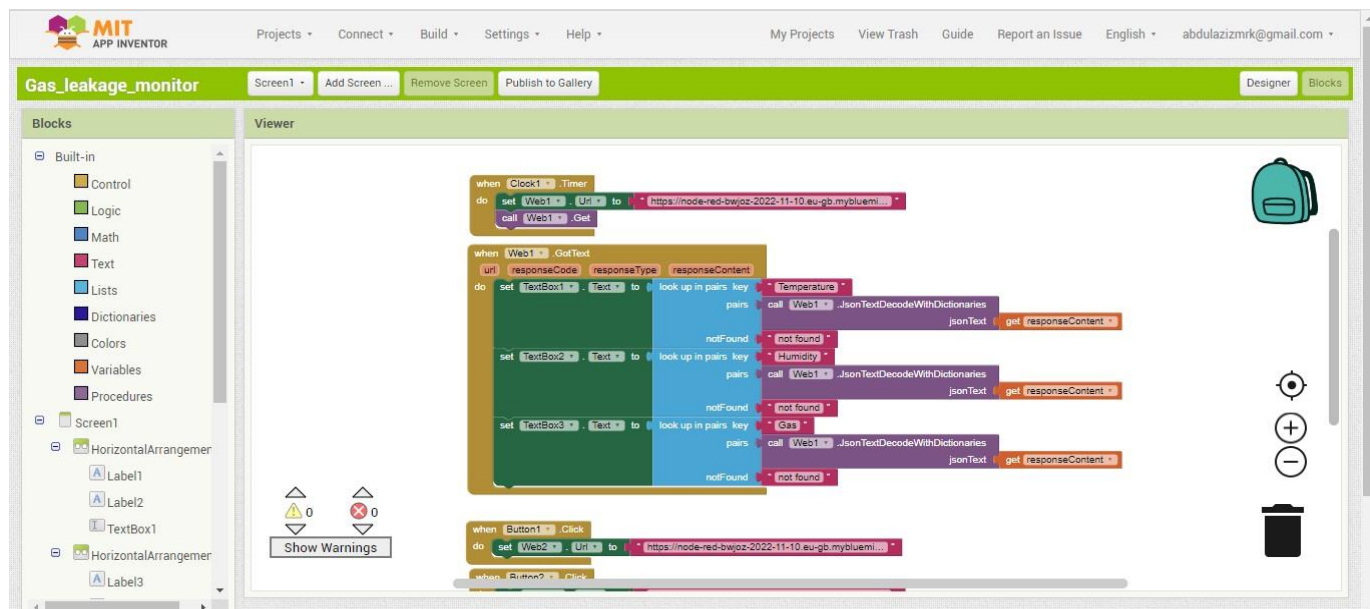
<https://node-red-bwjoz-2022-11-10.eu-gb.mybluemix.net/control?command=Light%20on>

<https://node-red-bwjoz-2022-11-10.eu-gb.mybluemix.net/control?command=Light%20off>

<https://node-red-bwjoz-2022-11-10.eu-gb.mybluemix.net/control?command=Sprinkle%20on>

<https://node-red-bwjoz-2022-11-10.eu-gb.mybluemix.net/control?command=Sprinkle%20off>

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 with a title bar "Gas Leakage Detection and Aleting". Below the title bar, there are three input fields for monitoring data: "Monitoring Layout Temperature" with a value of 80, "Humidity" with a value of 19, and "Gas" with a value of 68. At the bottom of the interface, there are four colored buttons: a green button labeled "Light on", a red button labeled "Light off", a cyan button labeled "Sprinkle on", and a yellow button labeled "Sprinkle off". The status bar at the top of the screen shows the time as 10:09, a data speed of 1.6KB/s, and a battery level of 50%.

Monitoring Layout	Temperature
Monitoring Layout Temperature	80

Monitoring Layout	Humidity
Humidity	19

Monitoring Layout	Gas
Gas	68

Control	Light on	Light off	Sprinkle on	Sprinkle off
Control	Light on	Light off	Sprinkle on	Sprinkle off