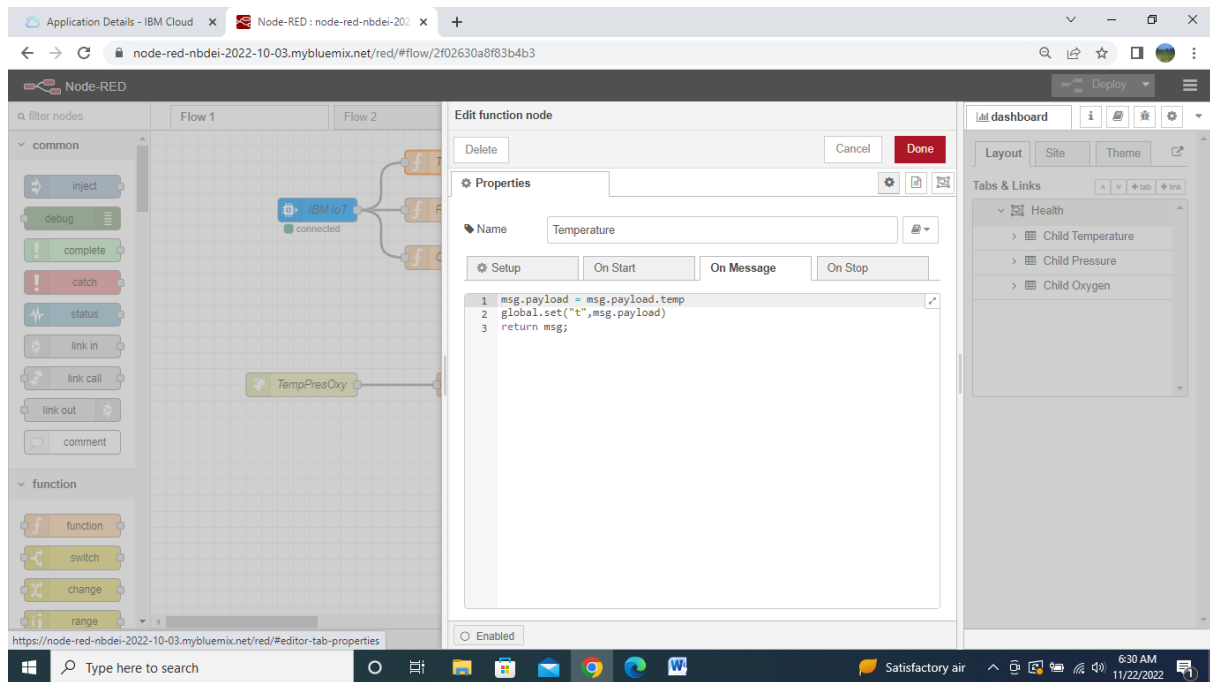


SPRINT 4

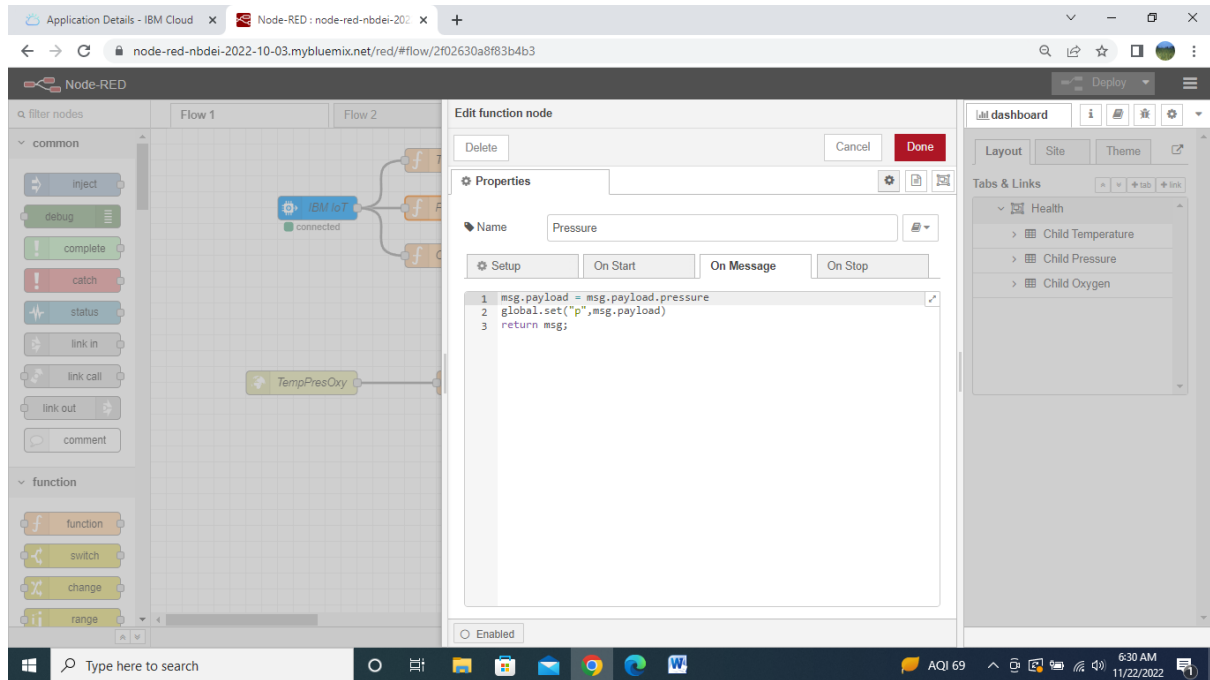
PROGRAM

TEMPERATURE



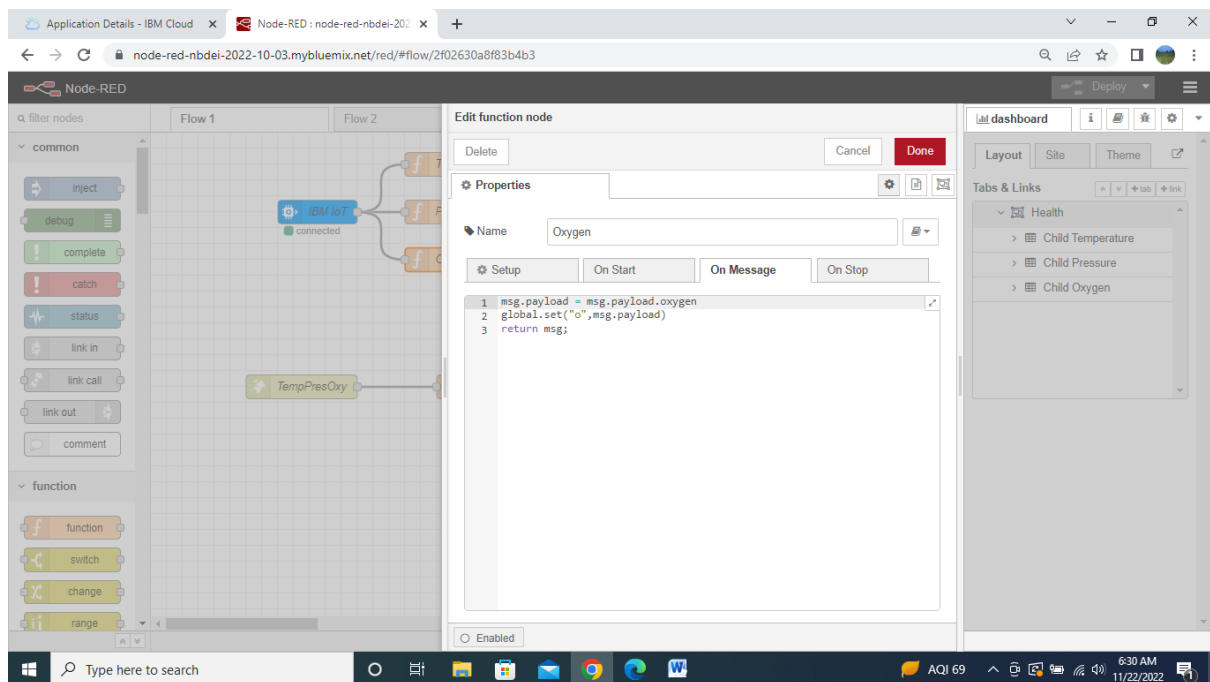
Using the NodeRed in the IBM Cloud- this program we can detect the body temperature of children.

PRESSURE

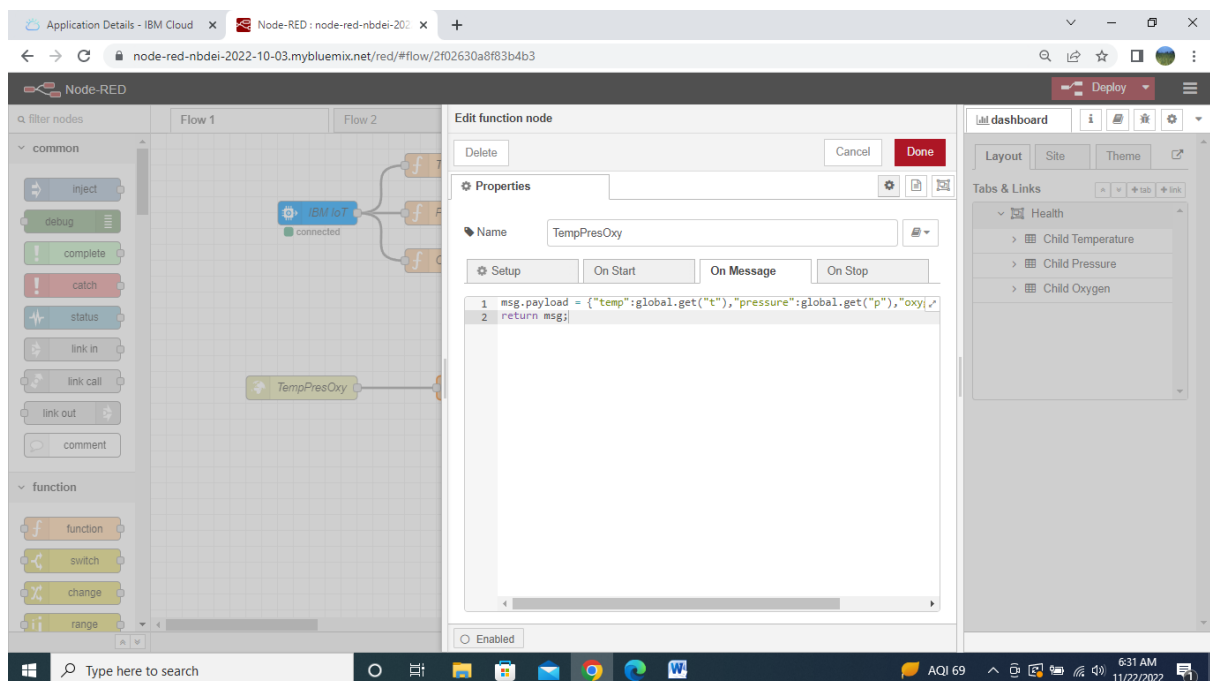


Using the NodeRed in the IBM Cloud- this program we can detect the blood pressure of children.

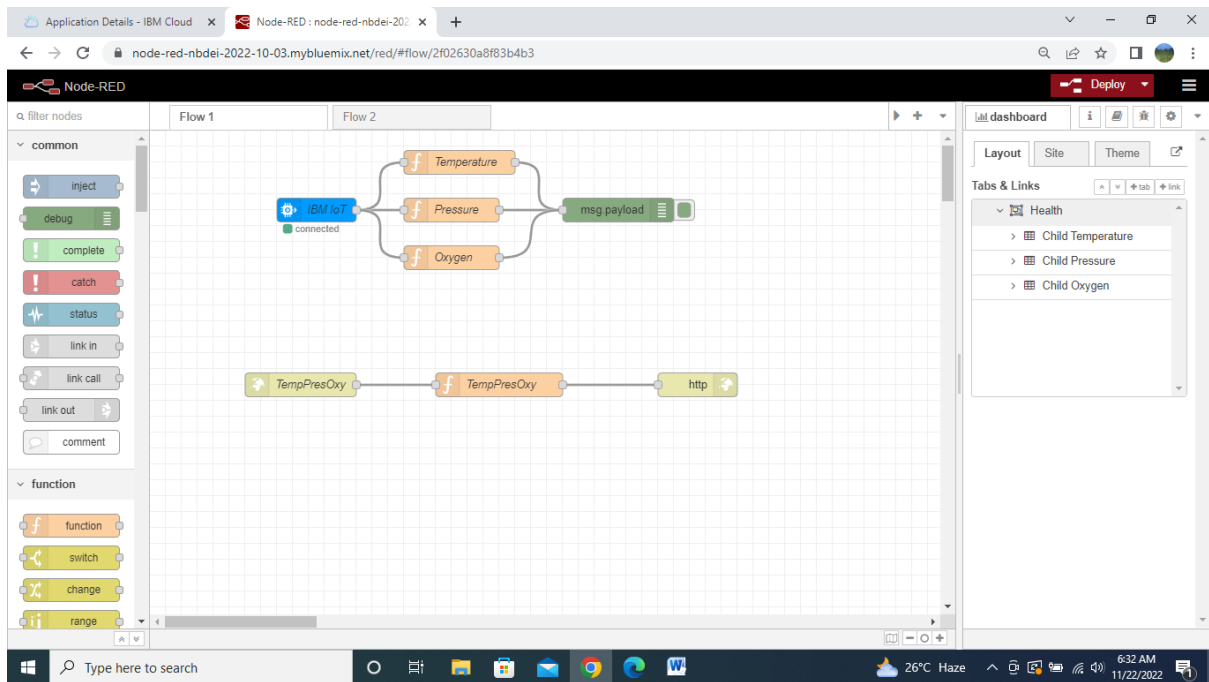
OXYGEN



Using the NodeRed in the IBM Cloud- this program we can detect the oxygen level of children.



All the above program to detect the health of the children.



This is the background function model of the child tracking application.

The screenshot shows the IBM Watson IoT Platform interface. On the left, a table displays event data:

Event	Value
event_1	{"temp":25,"pressure":119,"oxygen":100}
event_1	{"temp":73,"pressure":81,"oxygen":98}
event_1	{"temp":72,"pressure":116,"oxygen":98}
event_1	{"temp":34,"pressure":93,"oxygen":99}
event_1	{"temp":75,"pressure":99,"oxygen":99}

On the right, a modal window for 'Device Type: malini' is open. It shows a schedule of 'Every Minute' and a payload of random values for temperature, pressure, and oxygen:

```

0 {
1   "temp":random(10,80),
2   "pressure":random(80,120),
3   "oxygen":random(97,100)
4 }
5
  
```

The modal also includes an 'Upload a CSV file' button and a 'What functions can I apply?' link.

This is the program along with output using json in ibm cloud.



This is the location block which is created in mit app inventor.