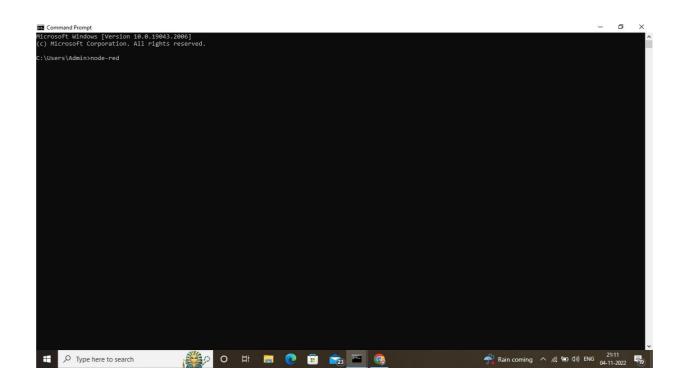
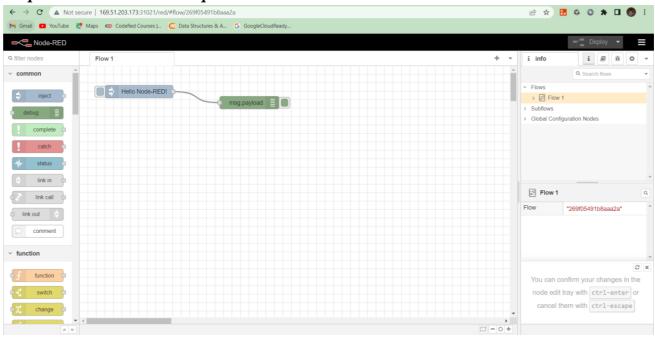
Project Development Phase Delivery of Sprint 2

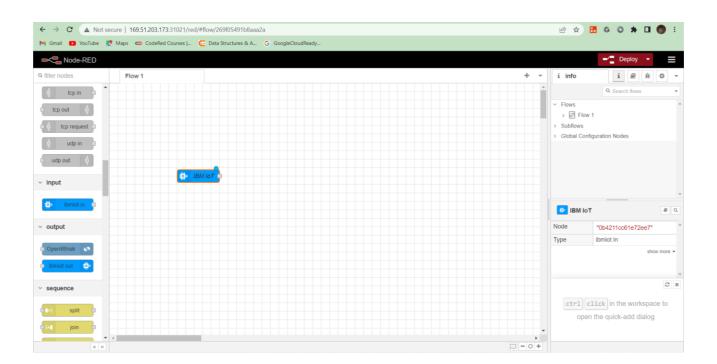
DATE	05 NOVEMBER 2022
TEAM ID	PNT2022TMID21494
PROJECT NAME	GAS LEAKAGE DETECTION AND ALERTING
MAXIMUM MARKS	20

Step1: Install node red and open node red in command prompt

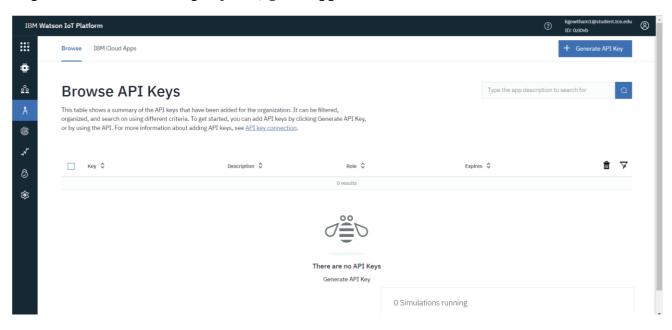


Step 2: Select IBM IoT input in node

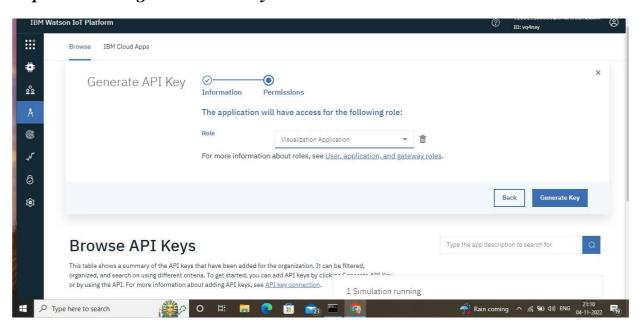




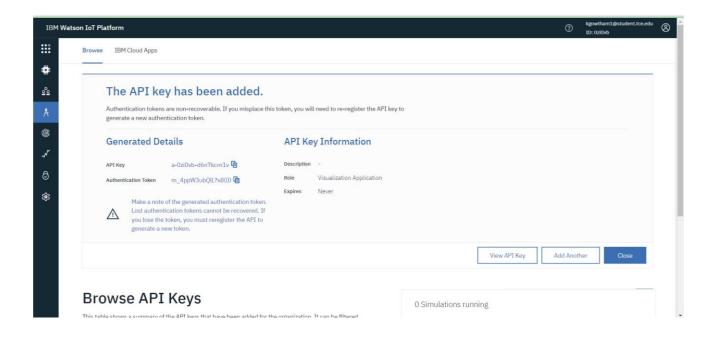
Step 3: In IBM Watson platform, go to apps



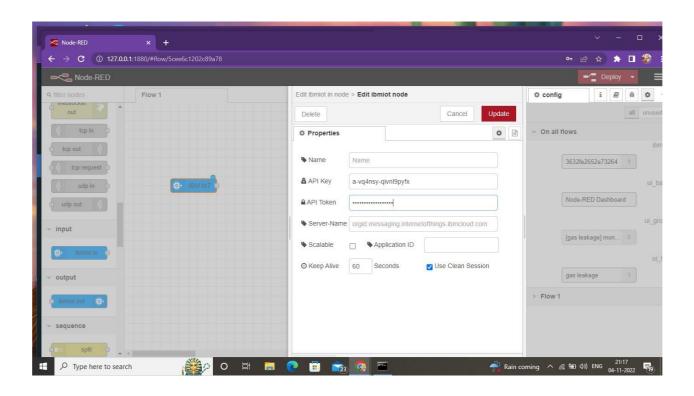
Step 4: Click on generate API keys

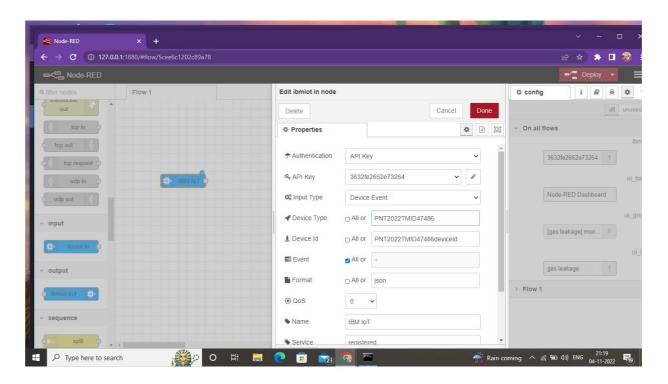


Step 5: Generated API key Details

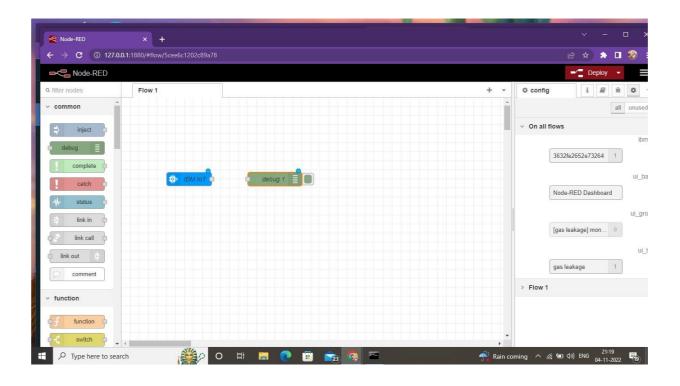


Step6: Copy and paste the generated API key in node red

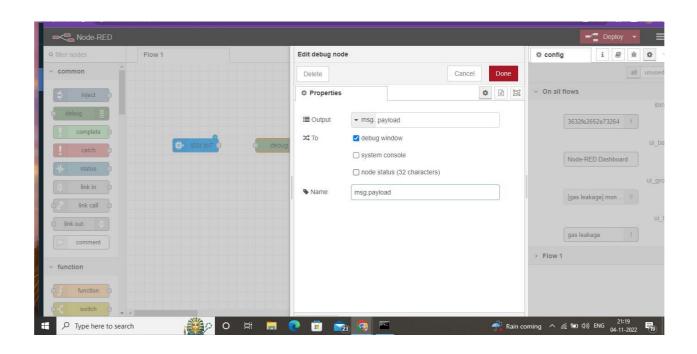


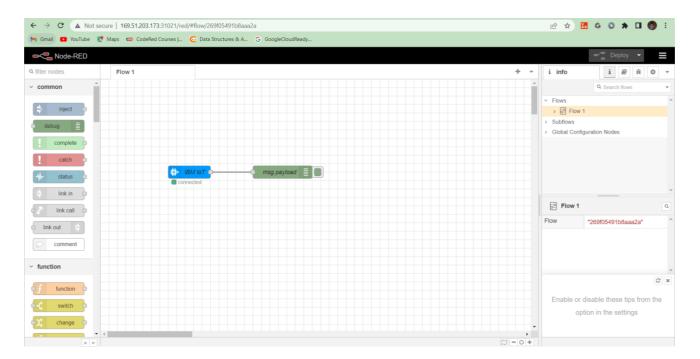


Step 7:after completing all the details click in done button

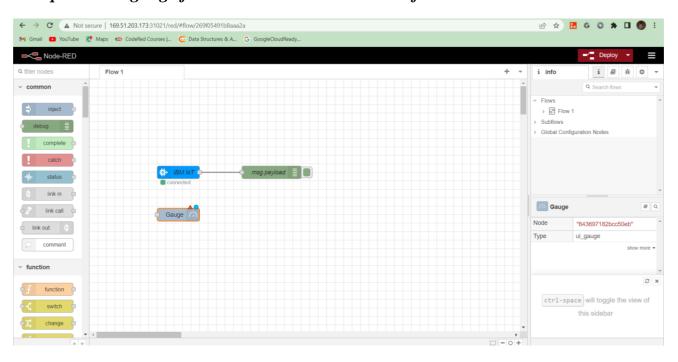


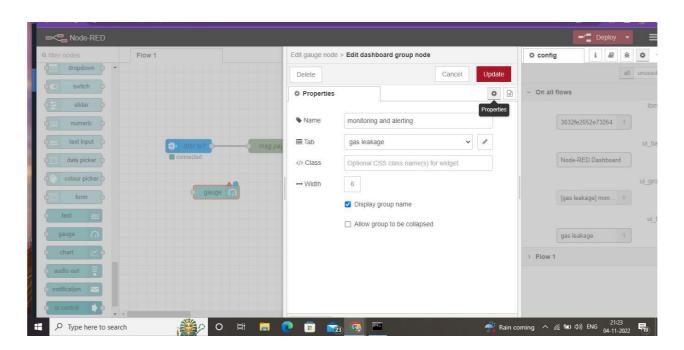
Step 8:add debug to the IBM iot and rename as msg.payload and click on done.



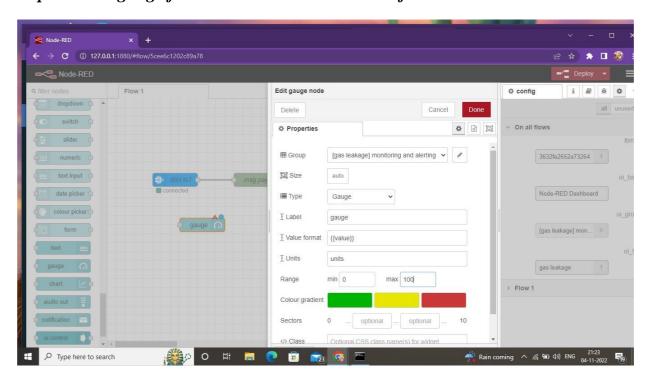


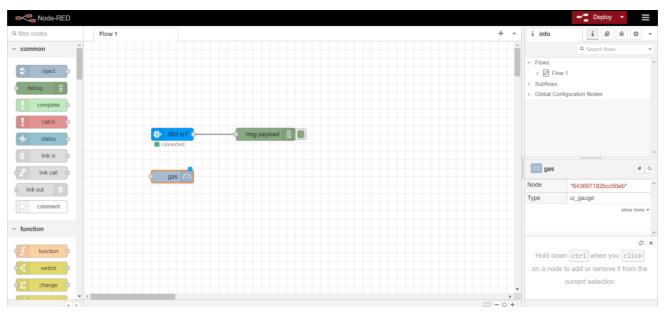
Step 9: Click gauge from the dashboard node and fill the details



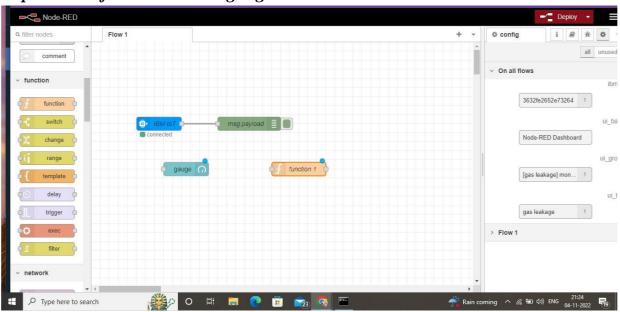


Step 9: Click gauge from the dashboard node and fill the details

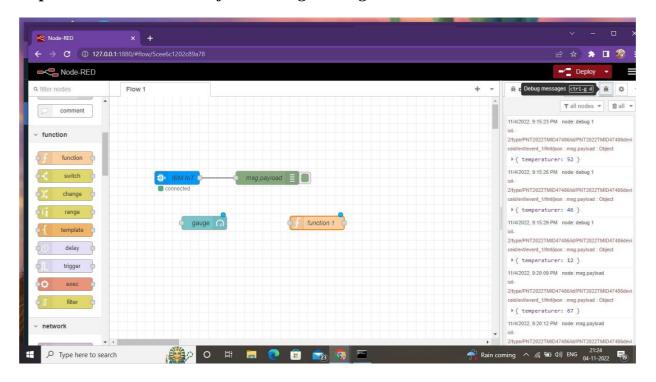




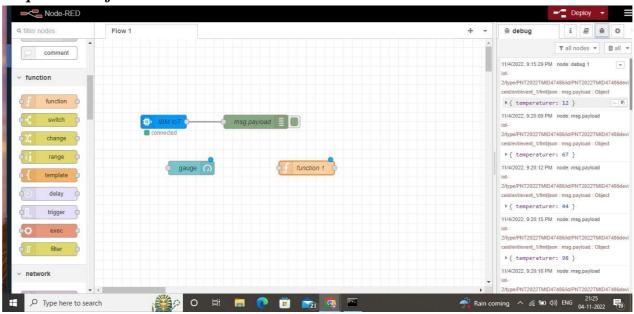
Step 10: Add functions to the gauge

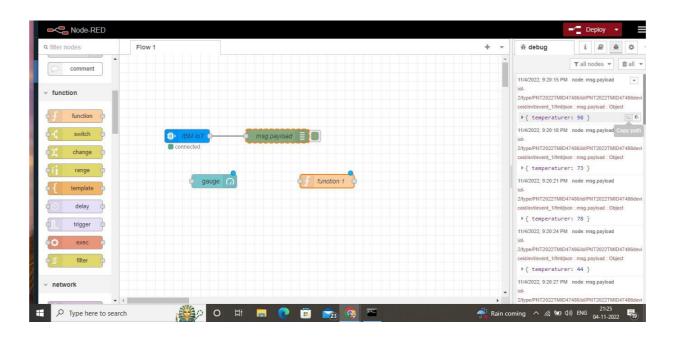


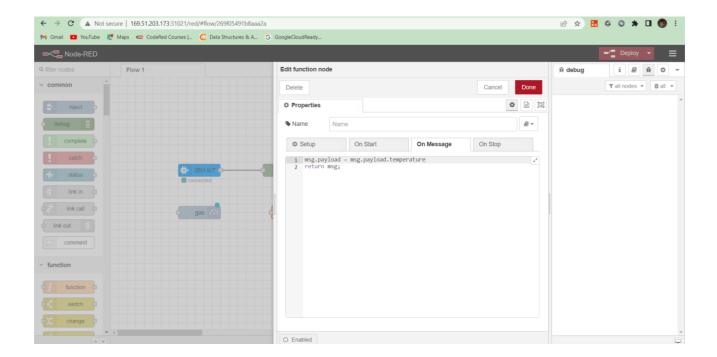
Step 11: Check the values from debug messages



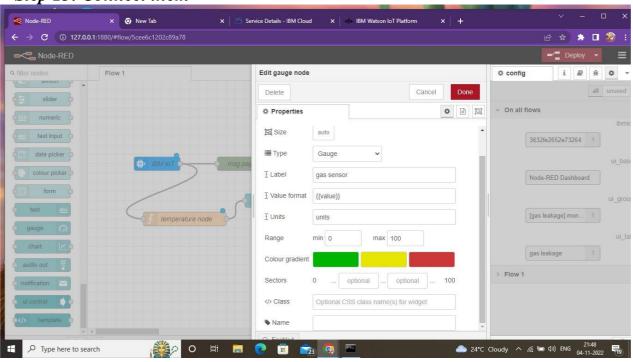
Step 12: Edit function node

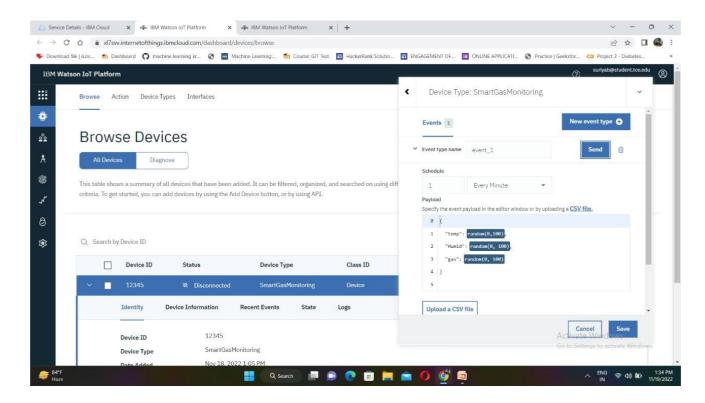




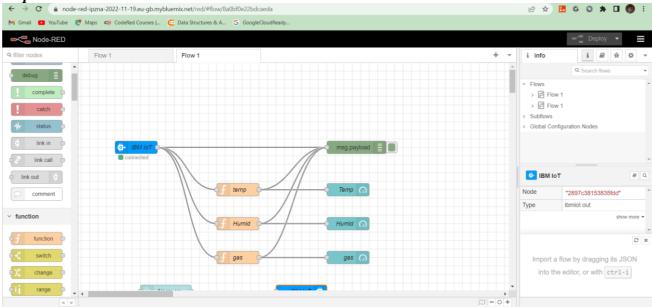


Step 13: Connect them

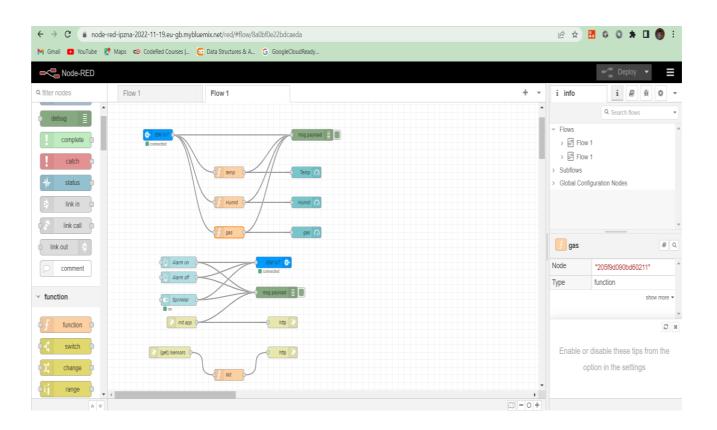


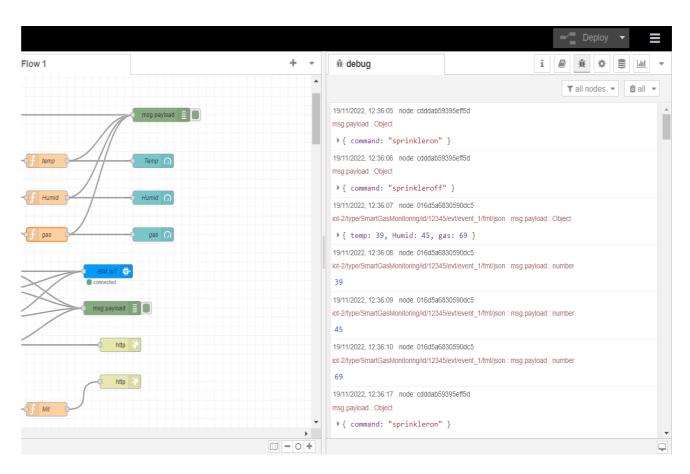


Step 13: Connect them

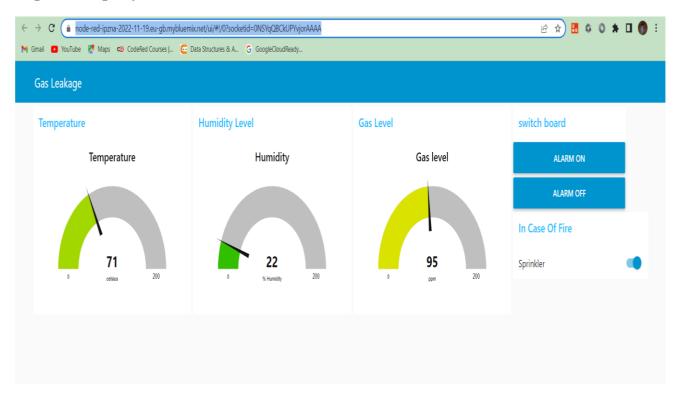


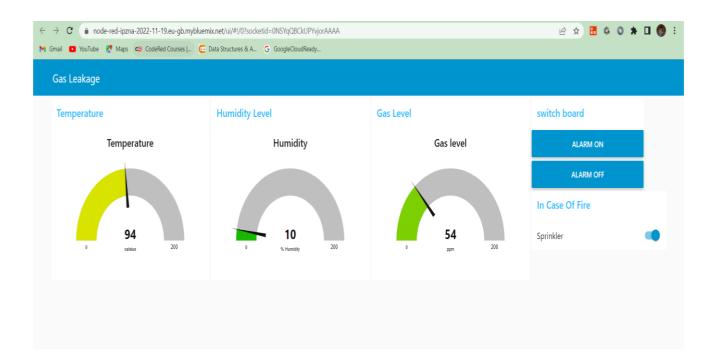
Step14: finally add alarm on and off buttons to IBM iot and debug.step



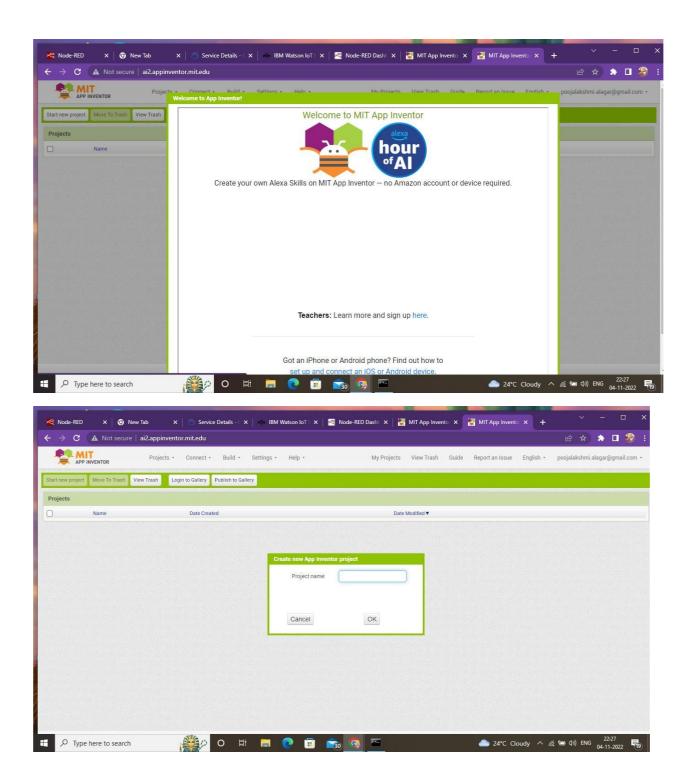


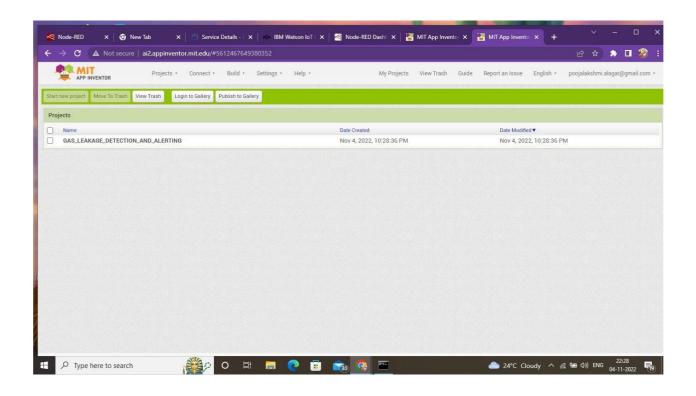
Step15: Output from node red

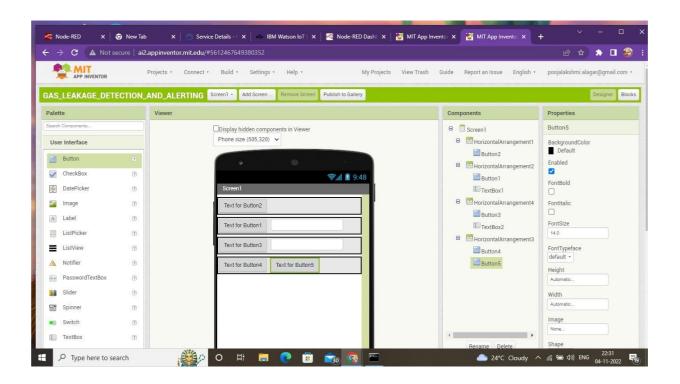




Step 16: Login to MIT app inventer and design







Step 19: The Output

