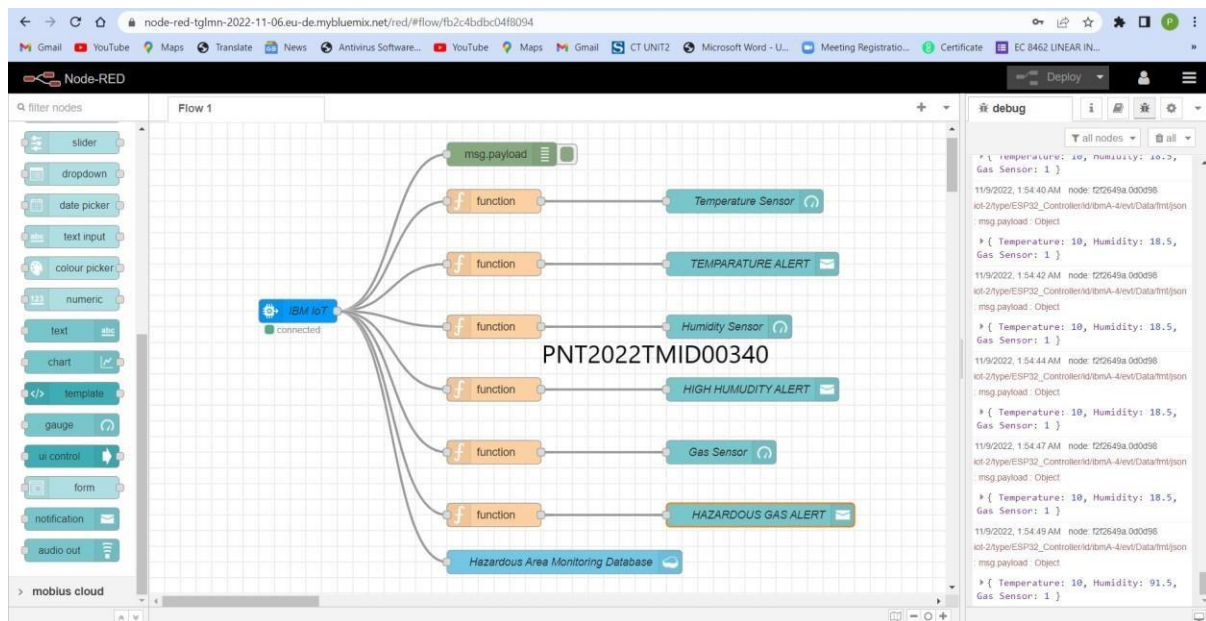


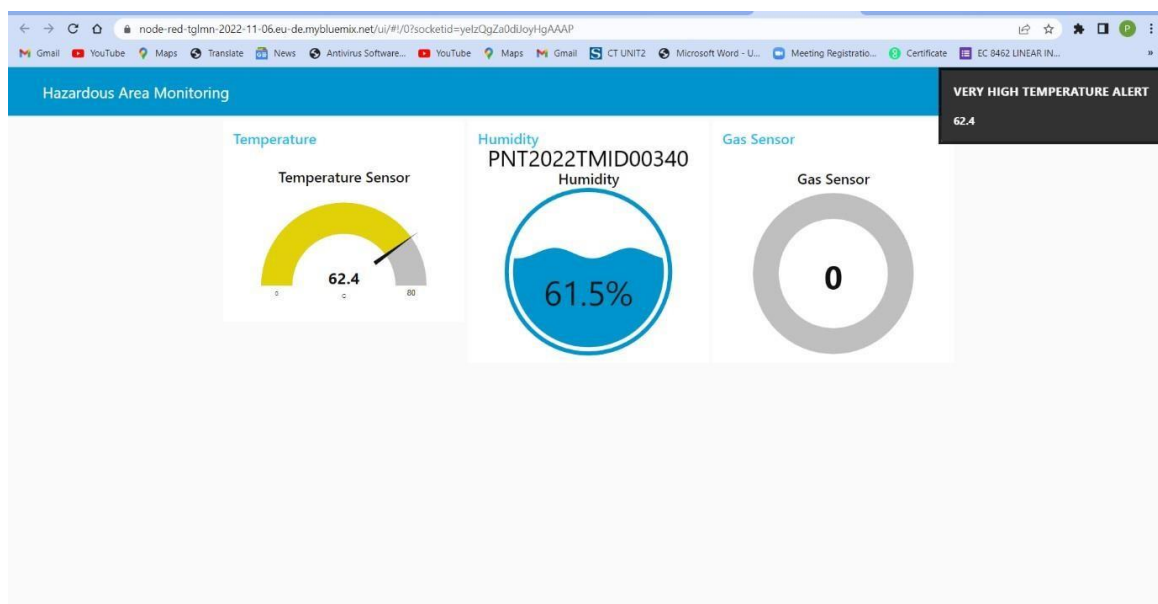
Create a Web Application using Node-RED Service

Team ID	PNT2022TMID41669
Project Name	Hazardous Area Monitoring for Industrial Plant powered by IoT

Design Flow in Node-RED:

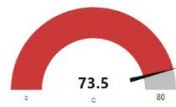


Web Application in Node-RED:



Temperature

Temperature Sensor



Humidity

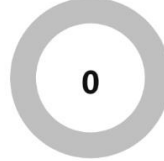
PNT2022TMID00340

Humidity



Gas_Sensor

Gas Sensor

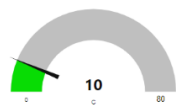


HIGH HUMUDITY LEVEL

91.5

Temperature

Temperature Sensor



Humidity

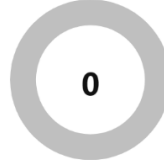
PNT2022TMID00340

Humidity

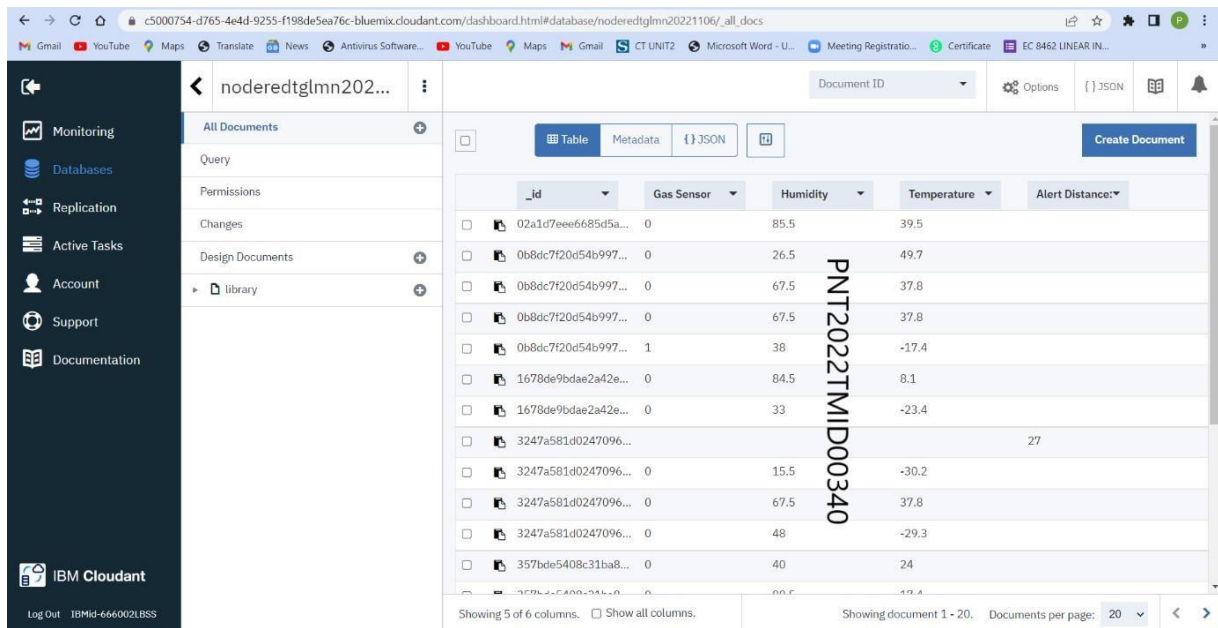


Gas_Sensor

Gas Sensor



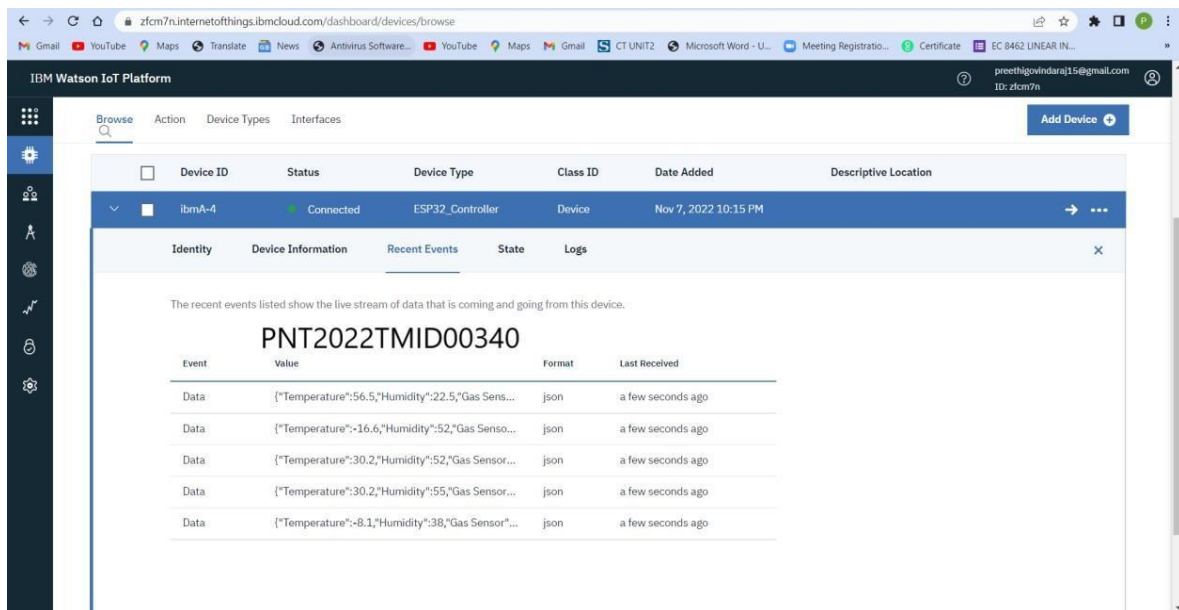
IBM CLOUDANT DB DATA LOG:



The screenshot shows the IBM Cloudant dashboard for a database named 'noderedtglnm202...'. The left sidebar contains navigation links for Monitoring, Databases, Replication, Active Tasks, Account, Support, and Documentation. The main area displays a table of documents. The table has columns for _id, Gas Sensor, Humidity, Temperature, and Alert Distance. A vertical label 'PNT2022TMID00340' is overlaid on the table. The table shows 6 columns and 20 documents per page.

_id	Gas Sensor	Humidity	Temperature	Alert Distance
02a1d7eee6685d5a...	0	85.5	39.5	
0b8dc7f20d54b997...	0	26.5	49.7	
0b8dc7f20d54b997...	0	67.5	37.8	
0b8dc7f20d54b997...	0	67.5	37.8	
0b8dc7f20d54b997...	1	38	-17.4	
1678de9bdae2a42e...	0	84.5	8.1	
1678de9bdae2a42e...	0	33	-23.4	
3247a581d0247096...				27
3247a581d0247096...	0	15.5	-30.2	
3247a581d0247096...	0	67.5	37.8	
3247a581d0247096...	0	48	-29.3	
357bde5408c31ba8...	0	40	24	

IBM WATSON DEVICE EVENT LOG:



The screenshot shows the IBM Watson IoT Platform dashboard. The left sidebar contains navigation links for Browse, Action, Device Types, and Interfaces. The main area displays the 'Recent Events' tab for a device named 'ibm-A-4'. The device is connected and has a descriptive location. The event log shows a stream of data events with columns for Event, Value, Format, and Last Received. A vertical label 'PNT2022TMID00340' is overlaid on the event log.

Event	Value	Format	Last Received
Data	{\"Temperature\":56.5,\"Humidity\":22.5,\"Gas Sens...	json	a few seconds ago
Data	{\"Temperature\":-16.6,\"Humidity\":52,\"Gas Sens...	json	a few seconds ago
Data	{\"Temperature\":30.2,\"Humidity\":52,\"Gas Sensor...	json	a few seconds ago
Data	{\"Temperature\":30.2,\"Humidity\":55,\"Gas Sensor...	json	a few seconds ago
Data	{\"Temperature\":-8.1,\"Humidity\":38,\"Gas Sensor...	json	a few seconds ago