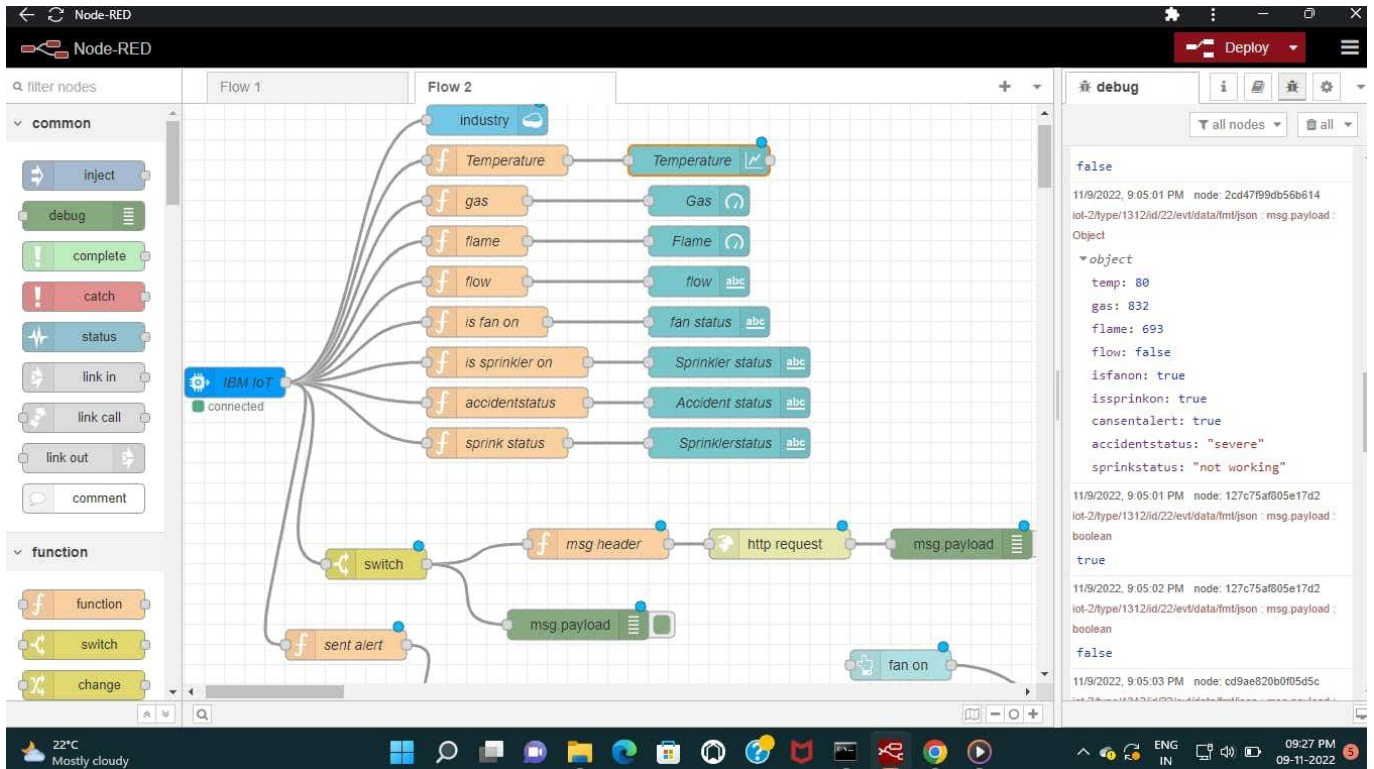


SIMLUATION CREATION WITH NODE-RED AND IOT WATSON PLATFORM

NODE-RED:



IBM WATSON IOT PLATFORM:

The screenshot shows the IBM Watson IoT Platform interface. The top navigation bar includes 'Browse', 'Action', 'Device Types', and 'Interfaces'. A 'Add Device' button is located on the right. The main content area displays a table of events. The table has four columns: 'Event', 'Value', 'Format', and 'Last Received'. The table contains five rows of data, all with a 'data' event type and a 'json' format. The 'Value' column contains JSON strings representing sensor data. The 'Last Received' column indicates that the data was received 'a few seconds ago'. At the bottom of the table, there is a pagination bar showing 'Items per page 50' and '1 of 1 item'.

Event	Value	Format	Last Received
data	["temp":-34,"gas":50,"flame":989,"flow":false,"is...	json	a few seconds ago
data	["temp":-34,"gas":117,"flame":827,"flow":true,"i...	json	a few seconds ago
data	["temp":-34,"gas":231,"flame":665,"flow":false,"...	json	a few seconds ago
data	["temp":-34,"gas":346,"flame":503,"flow":false,"...	json	a few seconds ago
data	["temp":-34,"gas":61,"flame":341,"flow":true,"isf...	json	a few seconds ago

← → ↺

395399c5-ffc4-4d72-a4fa-f12cc37f0eb0-bluemix.cloudant.com/dashboard.html#/database/industry/_all_docs

🔍 ⭐ ⚙️ 🗄️ 🌐

↔️ < industry :

All Documents +

Query

Permissions

Changes

Design Documents +

Document ID

Options

{ } JSON

🔔

☐

Table Metadata { } JSON

Create Document

	id	key	value
☐ 📄	08396462d93f3768f228ccc6783a4...	08396462d93f3768f228ccc6783a4...	{ "rev": "1-dd41a8650f3439b51866f...
☐ 📄	08396462d93f3768f228ccc6783af7...	08396462d93f3768f228ccc6783af7...	{ "rev": "1-98210413bae71638d451...
☐ 📄	08396462d93f3768f228ccc6783cd...	08396462d93f3768f228ccc6783cd...	{ "rev": "1-a49d3c167bd97a284988...
☐ 📄	08396462d93f3768f228ccc6783d6...	08396462d93f3768f228ccc6783d6...	{ "rev": "1-b55cd6328b2725ed1fdd6...
☐ 📄	08396462d93f3768f228ccc6783d8...	08396462d93f3768f228ccc6783d8...	{ "rev": "1-6cddb5da5ee8543b5cdd6...
☐ 📄	08396462d93f3768f228ccc678c14...	08396462d93f3768f228ccc678c14...	{ "rev": "1-e690d169b5d10a7eb3cb...
☐ 📄	08396462d93f3768f228ccc678c16c...	08396462d93f3768f228ccc678c16c...	{ "rev": "1-2a15aab7e1bb3df4c1f81...
☐ 📄	08396462d93f3768f228ccc678c1c9...	08396462d93f3768f228ccc678c1c9...	{ "rev": "1-415cee7c3c03cc9f5df882...
☐ 📄	08396462d93f3768f228ccc678c4b...	08396462d93f3768f228ccc678c4b...	{ "rev": "1-c4dafdc109528b116be5c...
☐ 📄	0fdde8b4cd24cf792b6b5b2c61432...	0fdde8b4cd24cf792b6b5b2c61432...	{ "rev": "1-6e6b4f8c95b76b2c5e0e...
☐ 📄	0fdde8b4cd24cf792b6b5b2c61435e...	0fdde8b4cd24cf792b6b5b2c61435e...	{ "rev": "1-c900cc135a0a64484b3c0...

Showing document 1 - 20. Documents per page: 20 < >

Log Out

29°C ☀️

12:03 PM 09-11-2022

Service Details - IBM Cloud

Cloudant Dashboard - database

IBM Watson IoT Platform

395399c5-ffca-4d72-a4fa-f12cc37f0eb0-bluemix.cloudant.com/dashboard.html#database/industry/08396462d93f3768f228ccc6783cd9c5

industry > 08396462d93f3768f228ccc6783cd9c5

{ } JSON

Save Changes

Cancel

Upload Attachment

Clone Document

Delete

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

```
"_id": "08396462d93f3768f228ccc6783cd9c5",
"_rev": "1-a49d3c167bd97a2849886aaf5d7cd7a7",
"topic": "iot-2/type/1312/id/22/evt/data/fmt/json",
"payload": {
  "temp": -34,
  "gas": 124,
  "flame": 971,
  "flow": true,
  "isfanon": true,
  "issprinkon": false,
  "cansentalert": false,
  "accidentstatus": "Need Auditing",
  "sprinkstatus": "ready"
},
"deviceId": "22",
"deviceType": "1312",
"eventType": "data",
"format": "json"
```

Log Out

29°C Haze

ENG IN

12:03 PM 09-11-2022

Service Details

IBM Watson

IBM

IBM-Project

(1) WhatsApp

IBM-Project

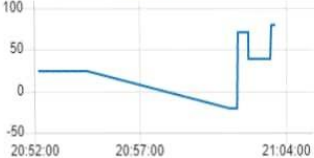
sprint -4 - W

Node-RED D

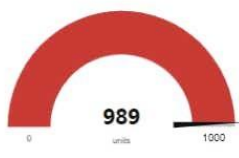
127.0.0.1:1880/ui/#/I/07socketid=jzSbqK1cdk4YP-1cAAaj

monitoring


temperature



Flame



Gas



flow

false

fan status

true

sprinkler

true

Accident

severe

sprink

not working

FAN ON

FAN OFF

SPRINKLER ON

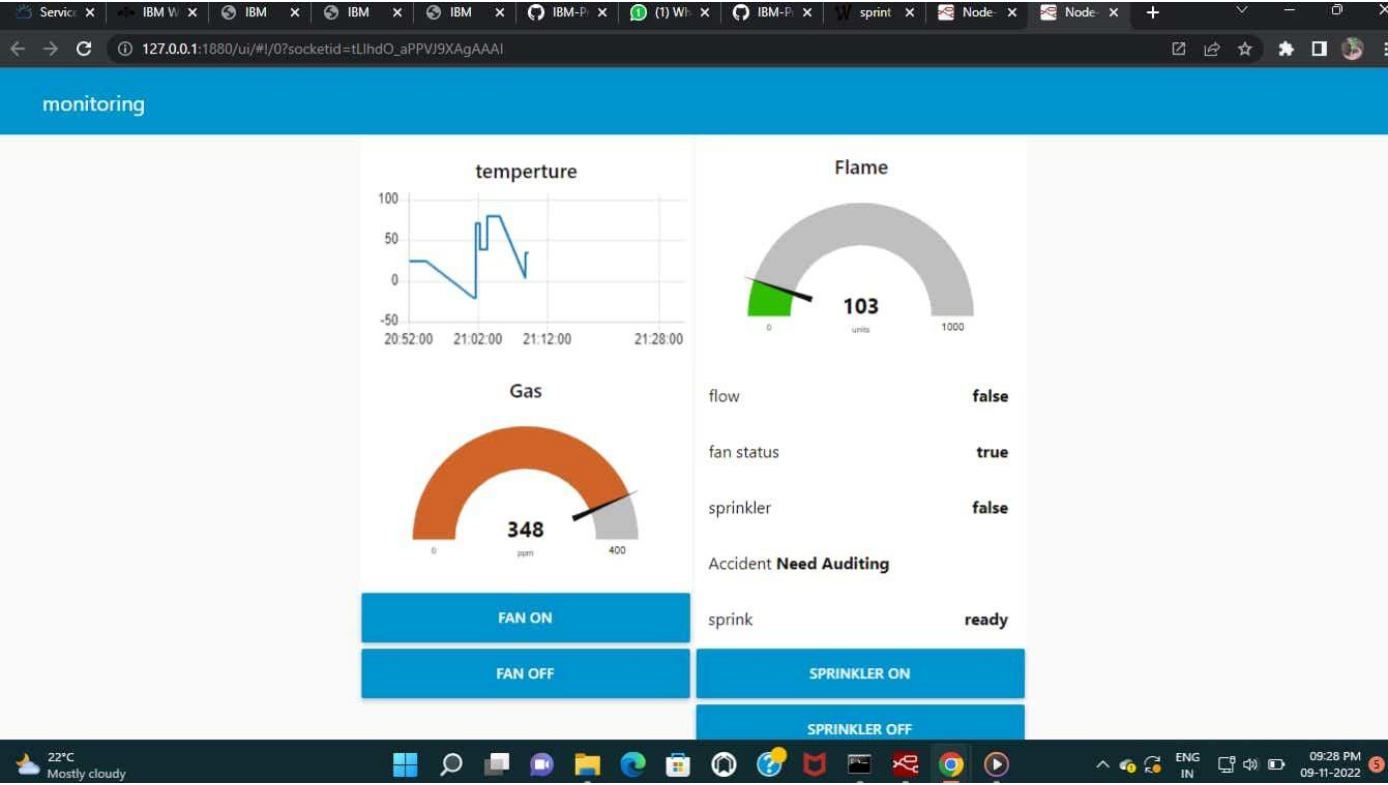
SPRINKLER OFF

22°C Mostly cloudy

ENG IN

09:03 PM 09-11-2022

NODE-RED WEB APP:



SMS ALERT:



