

Sprint-2

Date	05 November 2022
Team Id	PNT2022TMID52309
Project Name	Project - Personal Assistance For Seniors Who Are Self-Reliant

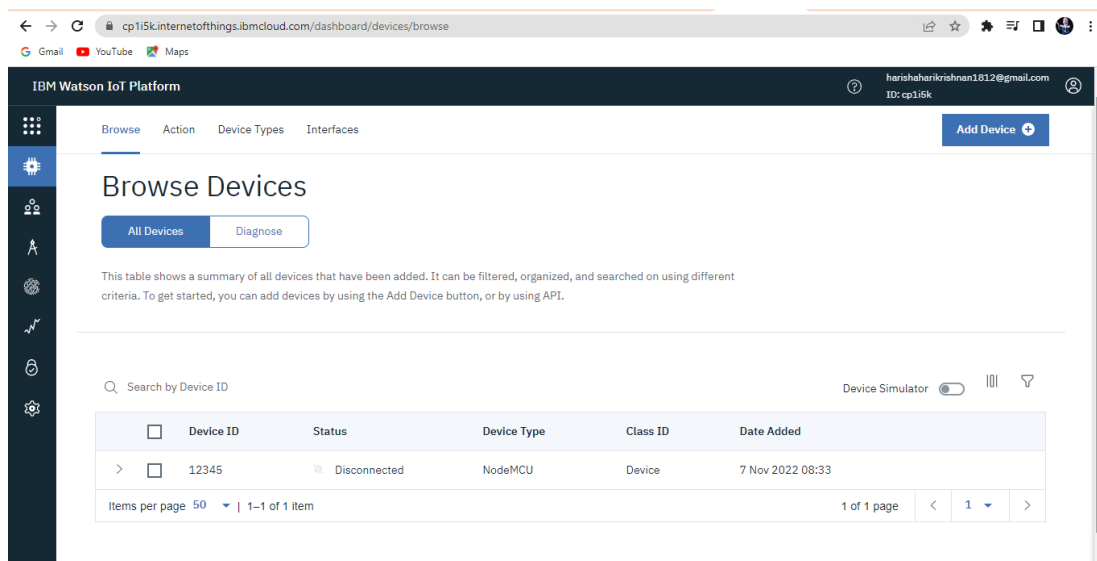
Goal:

Workflow using Node-RED for IOT situations in order to create a device in the IOT Watson Platform.

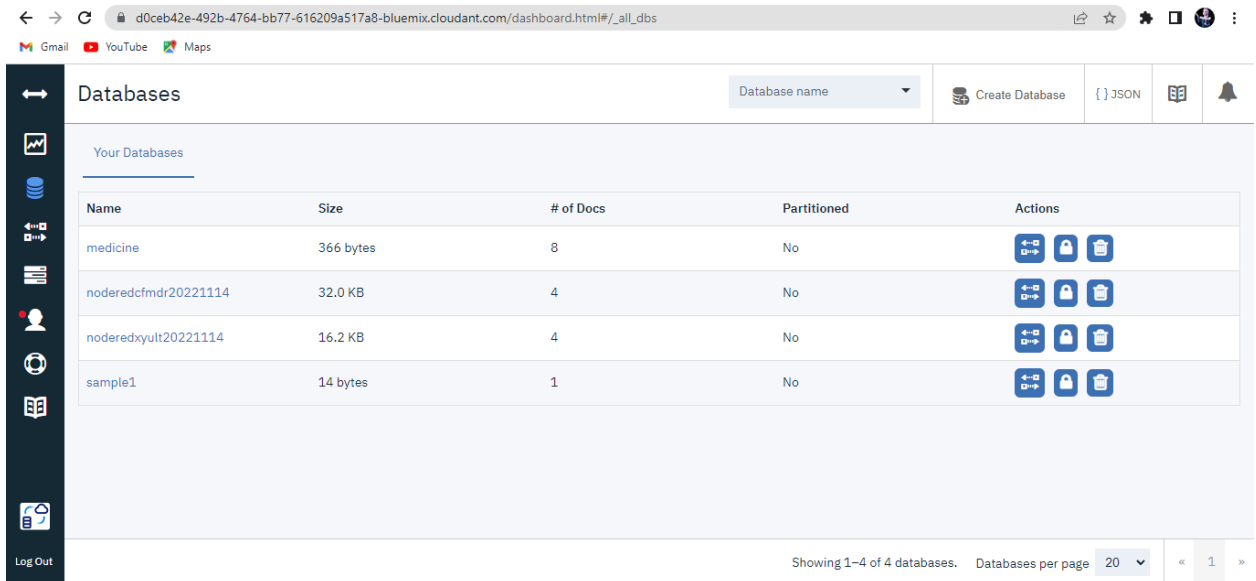
Required Software:

- We constructed the app that the end user can access through the **MIT App**.
- All of the processes created by the MIT App are connected by **IBM Node-RED**, which is also utilised to process the data.
- Although it runs on IBM Cloud, **IBM Watson IoT Platform** is used to output to users.
- **Jira Software** is utilised for remaining work and, in essence, provides a burn down graphic that shows how our work completed each week is reflected in the software.

IBM Watson IoT Platform:



Cloudant Database Creation:

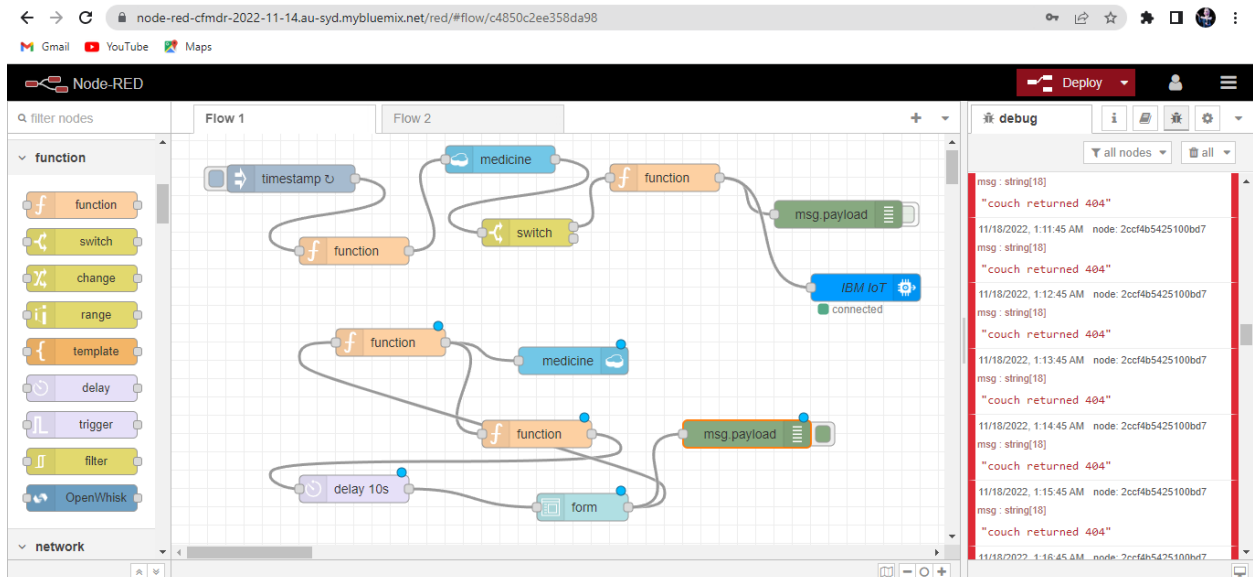


The screenshot shows the Cloudant dashboard interface. At the top, there's a navigation bar with links to Gmail, YouTube, and Maps. Below this, the main header includes a 'Databases' section with a 'Database name' dropdown, a 'Create Database' button, and icons for JSON, a book, and a bell. The main content area is titled 'Your Databases' and contains a table with the following data:

Name	Size	# of Docs	Partitioned	Actions
medicine	366 bytes	8	No	[Icons for edit, lock, delete]
noderedcfmdr20221114	32.0 KB	4	No	[Icons for edit, lock, delete]
noderedxyult20221114	16.2 KB	4	No	[Icons for edit, lock, delete]
sample1	14 bytes	1	No	[Icons for edit, lock, delete]

At the bottom of the table, it says 'Showing 1-4 of 4 databases. Databases per page 20'. There are also navigation arrows and a page number '1'.

Node-Red Creation and Testing:



The screenshot shows the Node-RED interface. The top bar includes a 'Deploy' button and user icons. The main workspace is divided into two flows: 'Flow 1' and 'Flow 2'. The left sidebar shows a 'function' category with various nodes like 'function', 'switch', 'change', 'range', 'template', 'delay', 'trigger', 'filter', and 'OpenWhisk'. The right sidebar shows a 'debug' console with the following output:

```
msg: string[18]
"couch returned 404"
11/18/2022, 1:11:45 AM node: 2ccf4b5425100bd7
msg: string[18]
"couch returned 404"
11/18/2022, 1:12:45 AM node: 2ccf4b5425100bd7
msg: string[18]
"couch returned 404"
11/18/2022, 1:13:45 AM node: 2ccf4b5425100bd7
msg: string[18]
"couch returned 404"
11/18/2022, 1:14:45 AM node: 2ccf4b5425100bd7
msg: string[18]
"couch returned 404"
11/18/2022, 1:15:45 AM node: 2ccf4b5425100bd7
msg: string[18]
"couch returned 404"
11/18/2022, 1:16:45 AM node: 2ccf4b5425100bd7
```