

SPRINT 2

SOFTWARE CREATION

Date	18 NOVEMBER 2022
Team ID	PNT2022TMID29726
Project Name	Project – IoT based smart crop protection system for agriculture

DESCRIPTION:

According to our sprint 2 plan we are going to create device in IBM Watson ,Node red creation , accounts in cloudant and cloud object storage

DEVICE CREATION IN IBM WATSON:

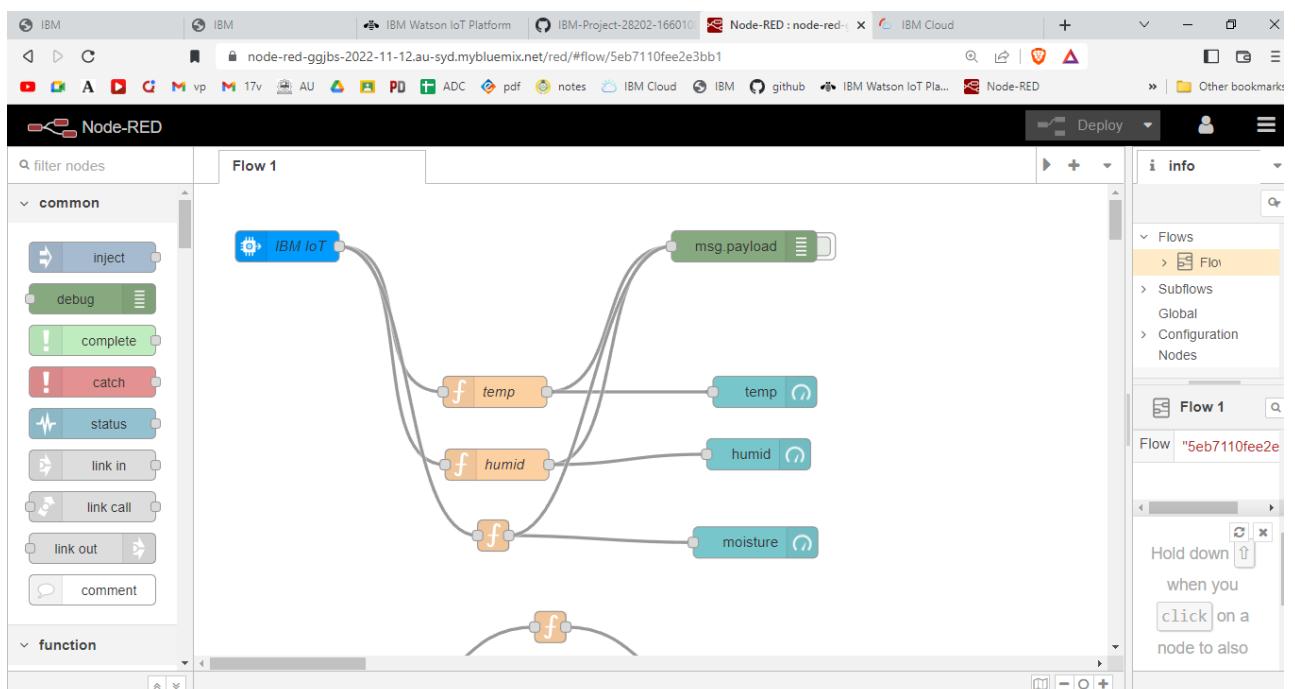
The screenshot shows the IBM Watson IoT Platform dashboard. On the left, there's a sidebar with various icons. The main area has a header bar with tabs like 'Browse', 'Action', 'Device Types', and 'Interfaces'. Below the header, there's a search bar labeled 'Search by Device ID'. A table lists a single device entry: '12345' (Device ID), 'Connected' (Status), 'arduino' (Device Type), 'Device' (Class ID), and 'Nov 11, 2022 10:54 PM' (Date Added). Underneath the table, there are tabs for 'Identity', 'Device Information', 'Recent Events' (which is selected), 'State', and 'Logs'. A message below the tabs says, 'The recent events listed show the live stream of data that is coming and going from this device.' Below this, a table shows three recent events: 'IoTSensor' with values like 'temp:101, Humid:92, moisture:25', 'IoTSensor' with values like 'temp:97, Humid:83, moisture:16', and 'IoTSensor' with values like 'temp:109, Humid:98, moisture:18'. The last received time for all is 'a few seconds ago'. At the bottom right, there's a message '1 Simulation running'.

NODE RED:

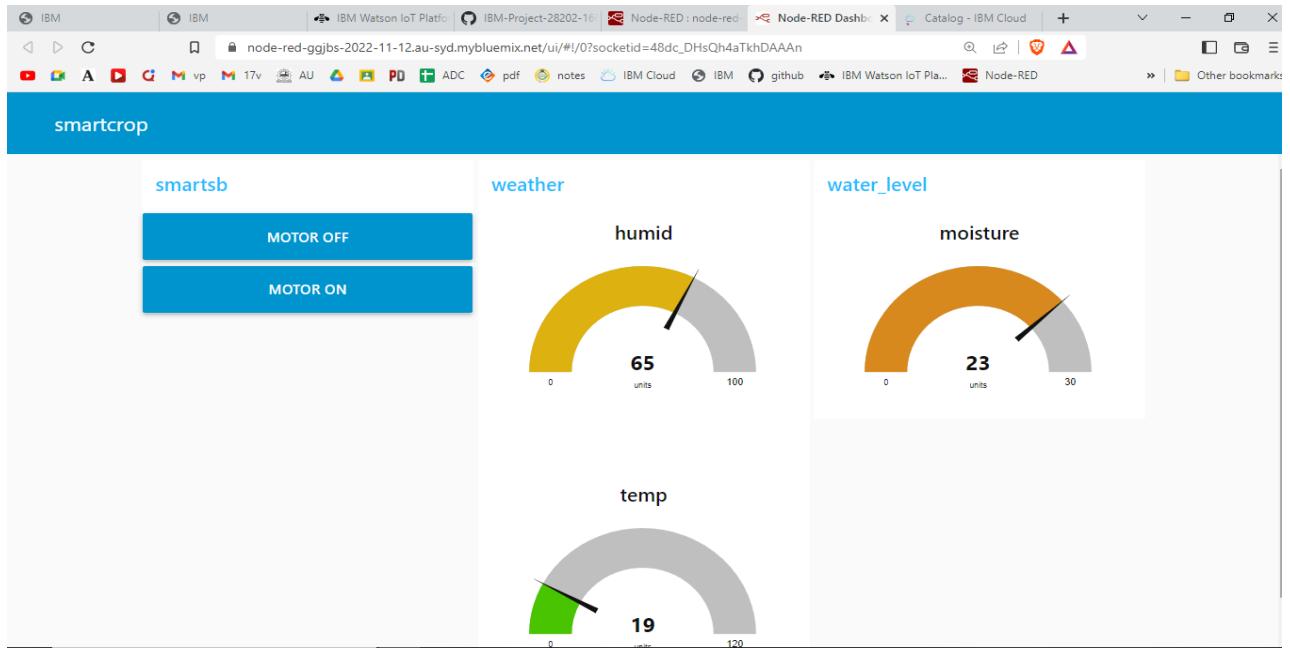
The screenshot shows the IBM Cloud Application Detail page for a Node-RED application named "Node RED GGJBS 2022-11-12". The application is currently running. The overview section displays the following metrics:

- Instances:** 1 instance(s) are running at 100% health.
- MB memory per instance:** A slider set between 0 and 2048, currently at 256.
- Runtime cost:** 1.75 GB still available.
- Runtime:** A donut chart showing 256 Total MB allocation, with 1.75 GB Free and 256 Used.
- Connections:** 1 connection.

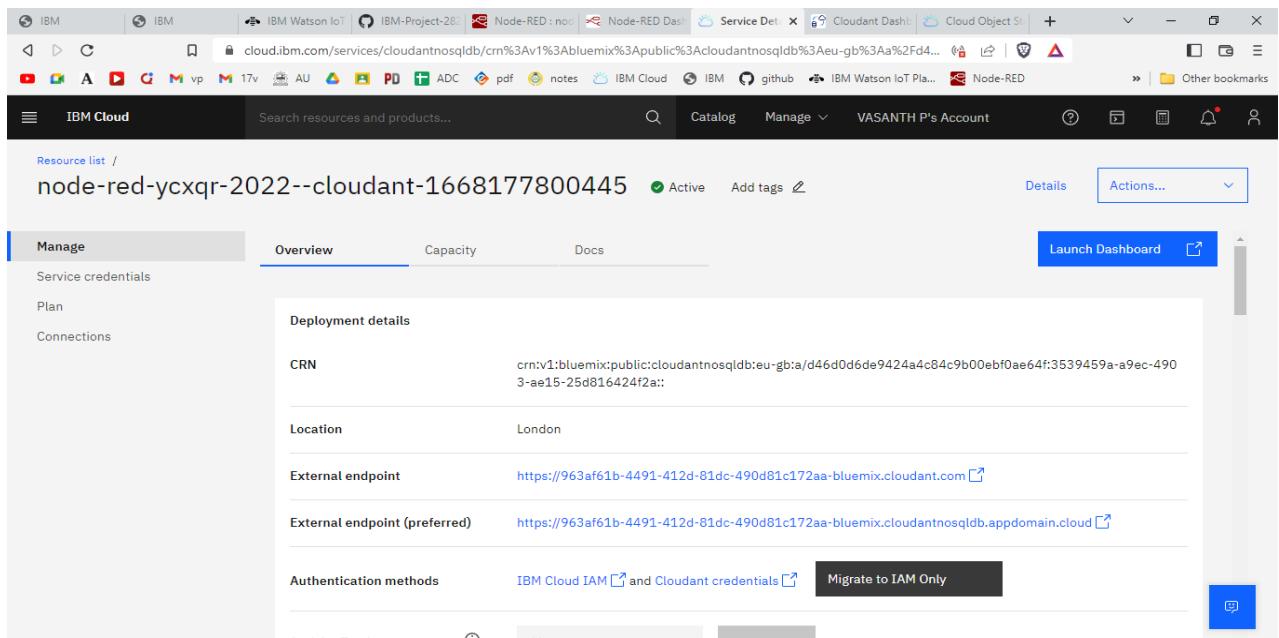
A message banner at the top left states: "IBM Cloud Foundry Public is being deprecated. Please see full details." with a close button.



WEBSITE USING NODE RED:



CLOUDANT:



Databases

Name	Size	# of Docs	Partitioned	Actions
ard	15 bytes	1	No	[Edit, Lock, Delete]
noderedgjbs20221112	28.5 KB	4	No	[Edit, Lock, Delete]

Showing 1–2 of 2 databases. Databases per page 20 < 1 >

CLOUD OBJECT STORAGE:

Buckets

Buckets serve as containers for objects, and can be individually configured in terms of their location, resiliency, billing rates, security, and object lifecycle rules.

Name	Public access	Location	Storage class	Created
sampleiot	No	au-syd	Standard	2022-11-18 12:10 AM