

Sprint – 2

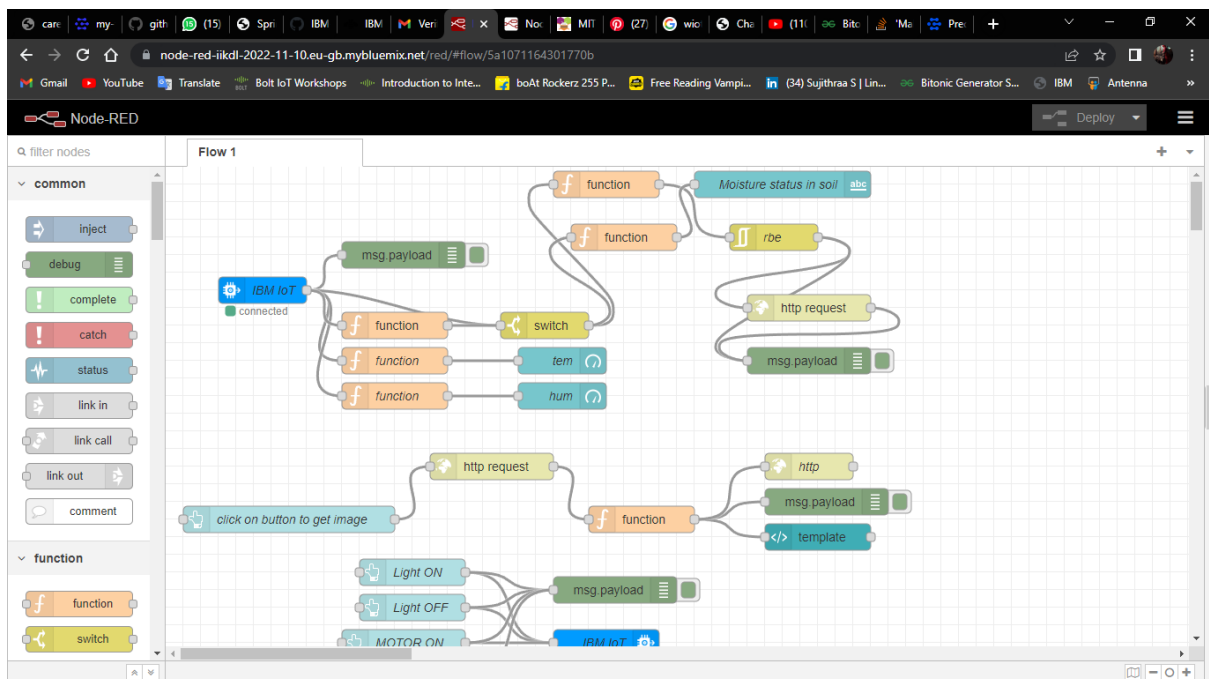
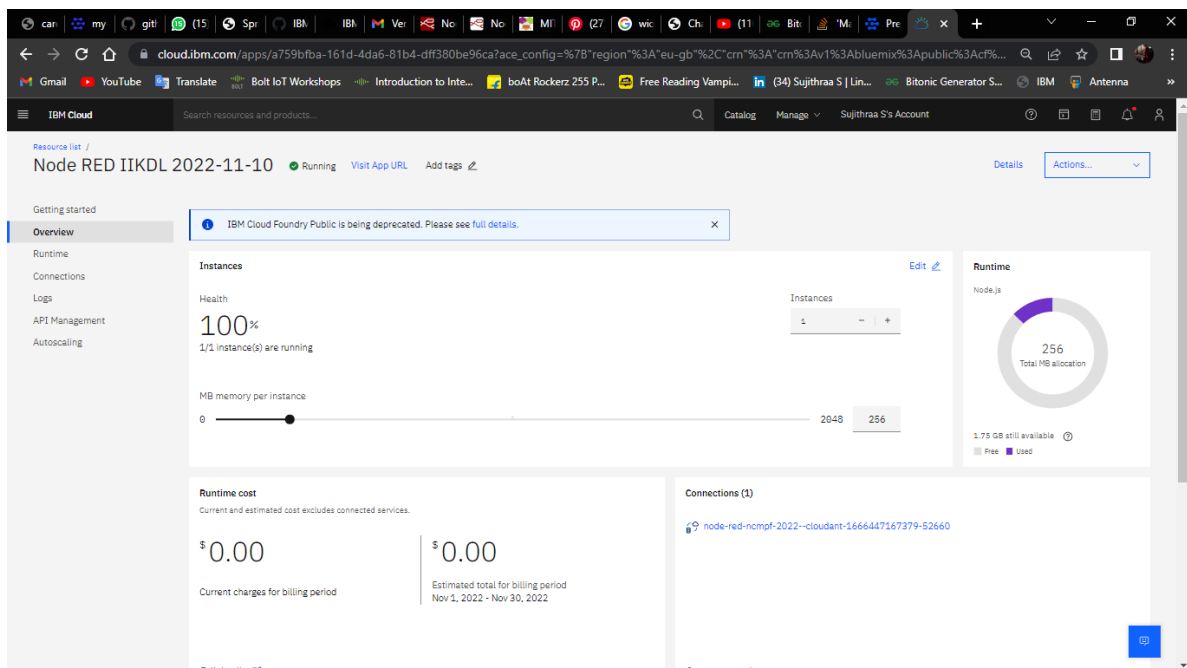
Software creation

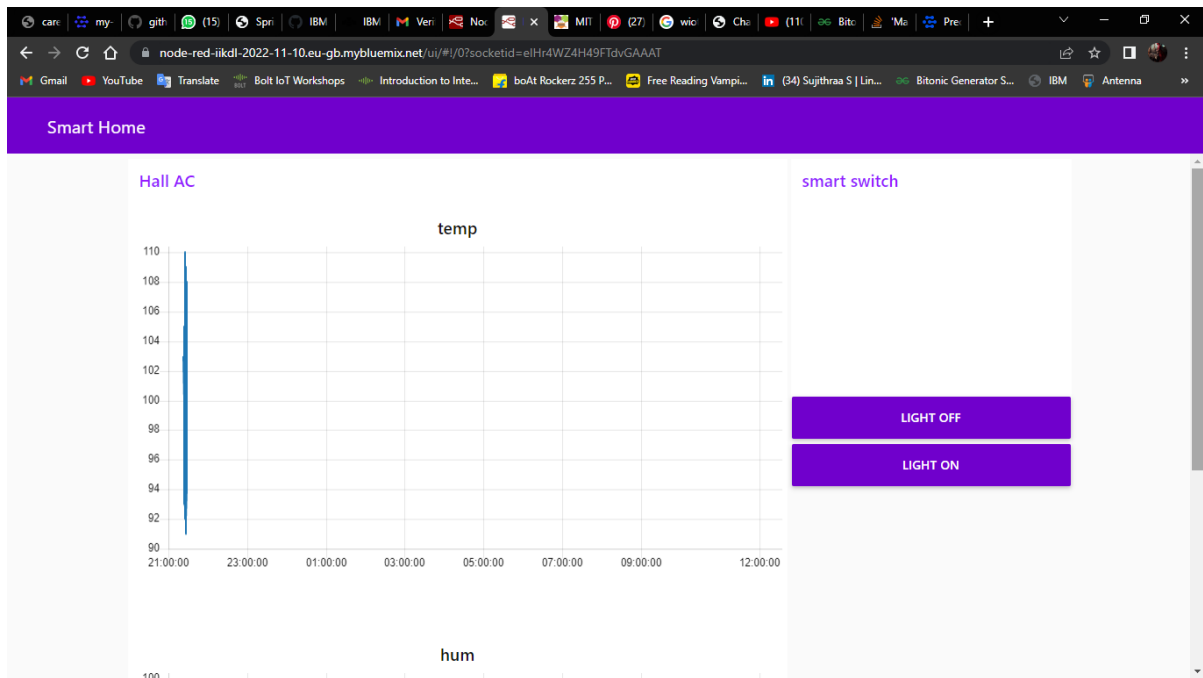
Date	17 November 2022
Team ID	PNT2022TMID30932
Project Name	IoT Based Smart Crop Protection System For Agriculture.

Description:

According to our sprint-2 planning we've created the accounts in the required platforms (Node-red, Cloudant, Cloud object storage, Watson) and linked with our project.

Node-Red:





Cloudant:

The image shows the IBM Cloud console interface. The top navigation bar includes 'IBM Cloud', 'Catalog', 'Manage', and a search icon. The main content area displays the resource 'node-red-ncmpf-2022--cloudant-1666447167379' with a status of 'Active' and an 'Add tags' link. Below this, there are tabs for 'Manage', 'Overview', 'Capacity', and 'Docs'. The 'Overview' tab is selected, showing 'Deployment details'. The details include:

- CRN:** crn:v1:bluemix:public:cloudantnosqldb:eu-gb:a/98d92dfd0ccf4f32a116d3d0fe24e15c:02d1fcad-1310-4403-93a6-a0eabc4c768b::
- Location:** London
- External endpoint:** <https://cbf0b64e-c2d3-4404-be21-36565dc150b9-bluemix.cloudant.com>

There is also a 'Launch Dashboard' button and a 'Details' link.

Cloud Object Storage:

The screenshot shows the IBM Cloud Object Storage interface. The left sidebar contains a navigation menu with options: Cloud Object Storage, Storage instances, Cloud Object Storage-t2, Buckets (selected), Integrations, Endpoints, Usage details, Service credentials, Connections, and Plan. The main content area is titled 'Buckets' and includes a description: 'Buckets serve as containers for objects, and can be individually configured in terms of their location, resiliency, billing rates, security, and object lifecycle rules.' Below the description is a search bar and a 'Create bucket' button. A table lists the existing buckets:

Name	Public access	Location	Storage class	Created
jadestorage	No	jp-tok	Standard	2022-11-13 4:12 PM

At the bottom right of the table, there is a 'Show all' button.

Watson:

The screenshot shows the IBM Watson IoT Platform dashboard. The top navigation bar includes 'Browse', 'Action', 'Device Types', and 'Interfaces'. The main content area displays a table of devices:

Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
7010	Connected	jade	Device	Oct 22, 2022 6:29 PM	

Below the table, there is a section for 'Recent Events' with a table showing live data:

Event	Value	Format	Last Received
camera	{"Animal attack":"Not Detected"}	json	a few seconds ago
PH sensor	{"PH value":9.683}	json	a few seconds ago
Temperature ...	{"Temp":54.07}	json	a few seconds ago
Alert6	{"alert6":"Water level(28.17) is high, so motor is ...	json	a few seconds ago
Alert4	{"alert4":"Flame is detected crops are in danger,...	json	a few seconds ago

At the bottom right, a status box indicates '0 Simulations running'.