

Sprint – 2

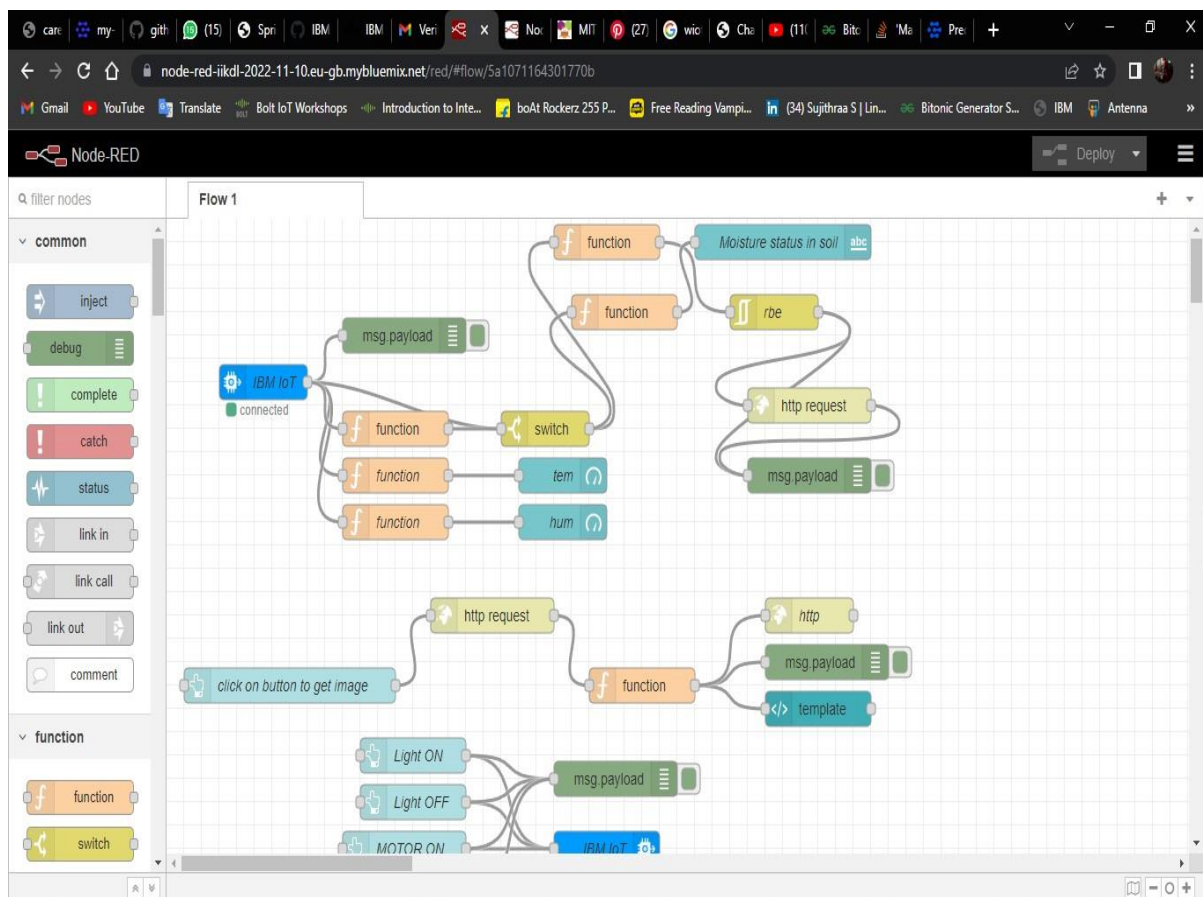
Software creation

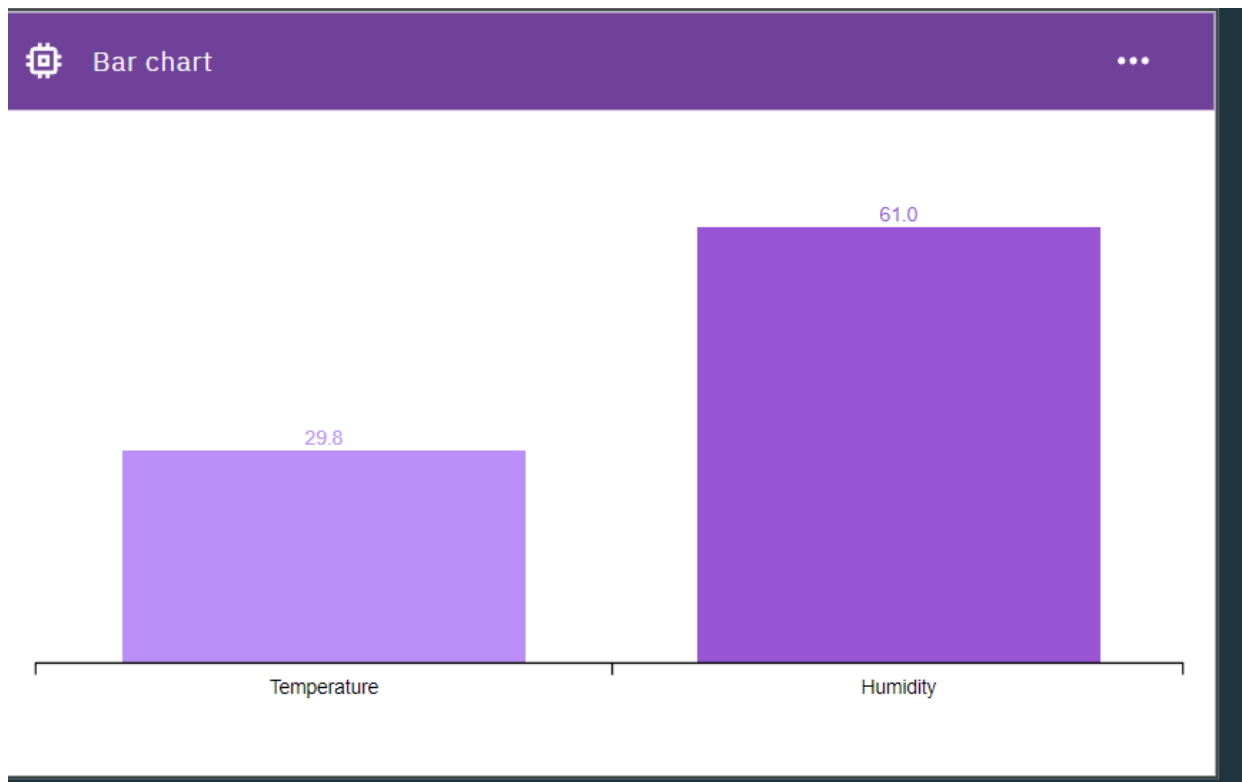
Date	17 November 2022
Team ID	PNT2022TMID30551
Project Name	IOT-BASED SMART CROP PROTECTION SYSTEM FOR AGRICULTURE.

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 them with our project.

Node-Red:





Cloudant:

IBM Cloudant service page showing the 'Create' tab selected. The page displays the Cloudant logo, a description: 'A scalable JSON document database for web, mobile, IoT, and serverless applications.', and a 'Select an offering' section. The 'Cloudant' offering is selected, showing details: 'IBM Cloudant is a fully managed JSON document database that offers independent serverless scaling of throughput capacity and storage. Lite plan available'. The 'Summary' section on the right lists the 'Cloudant Lite' plan with details: 20 Reads/sec, 10 Writes/sec, 5 Global Queries/sec, and 1 GB Storage, all included. A 'Create' button is visible at the bottom right of the offering selection area.

Get started on Cloudant with 600 USD in cloud credits. Apply code CLOUDANTFREE600 to get started now.

Catalog / Services /

Cloudant

A scalable JSON document database for web, mobile, IoT, and serverless applications.

Create About

Select an offering

Cloudant ☒

IBM Cloudant is a fully managed JSON document database that offers independent serverless scaling of throughput capacity and storage.

Lite plan available

Select an environment

Multitenant Dedicated

Summary

1 Cloudant Lite	Free
20 Reads/sec	Free
10 Writes/sec	Free
5 Global Queries/sec	Free
1 GB Storage	Included

Create

Add to estimate

Cloud Object Storage:

The screenshot shows the IBM Cloud Object Storage console. The left sidebar contains navigation links: Cloud Object Storage, Storage instances, Cloud Object Storage-KK, Buckets, Integrations, Endpoints, Usage details, Service credentials, Connections, and Plan. The main area displays the bucket 'agriculture123' with tabs for Objects, Configuration, and Permissions. A success message states: 'A bucket created successfully! The bucket agriculture123 has been created and is now available to add'. Below this, there's a section for uploading objects with a 'Drag and drop files (objects) here or click to upload' instruction and an 'Upload' button. The bottom of the browser shows a Windows taskbar with various application icons and system tray information.

Watson:

The screenshot displays the IBM Watson IoT Platform dashboard. The top navigation bar includes 'Browse', 'Action', 'Device Types', and 'Interfaces'. A sidebar on the left contains icons for various IoT functions. The main content area shows a list of devices. One device, 'TEST', is selected and expanded to show its details. The 'Recent Events' tab is active, displaying a table of live stream data.

Event	Value	Format	Last Received
Data2	{"d":{"Name":"TEST","Animal&Bird":100}}	json	a few seconds ago
Data2	{"d":{"Name":"TEST","Moiture":55}}	json	a few seconds ago
Data2	{"d":{"Name":"TEST","Humidity":62}}	json	a few seconds ago
Data1	{"d":{"Name":"TEST","Temperature":29.8}}	json	a few seconds ago
Data2	{"d":{"Name":"TEST","Animal&Bird":0}}	json	a few seconds ago