

Sprint – 2

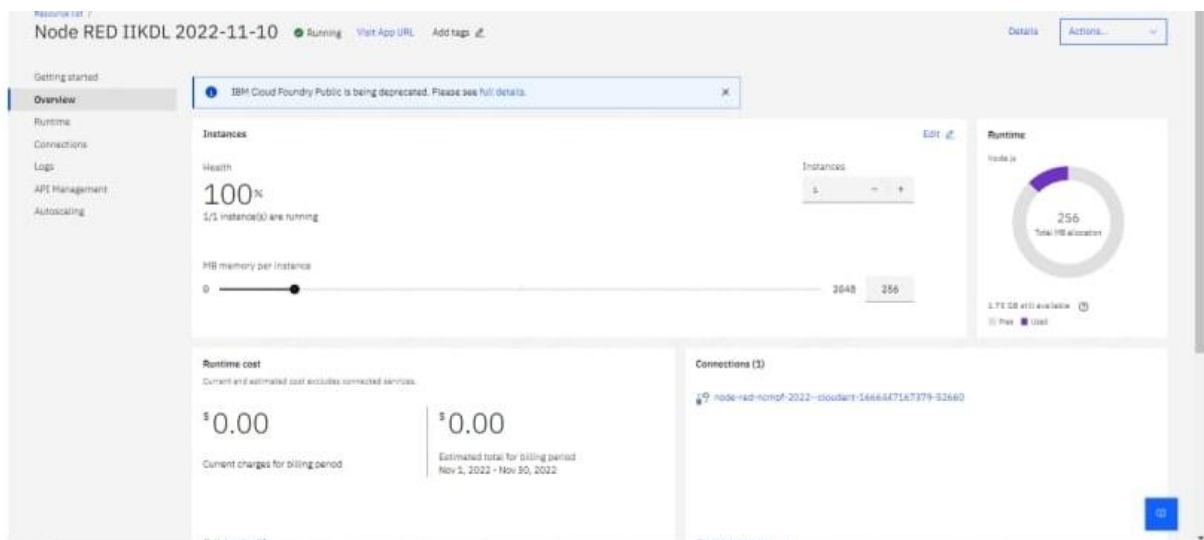
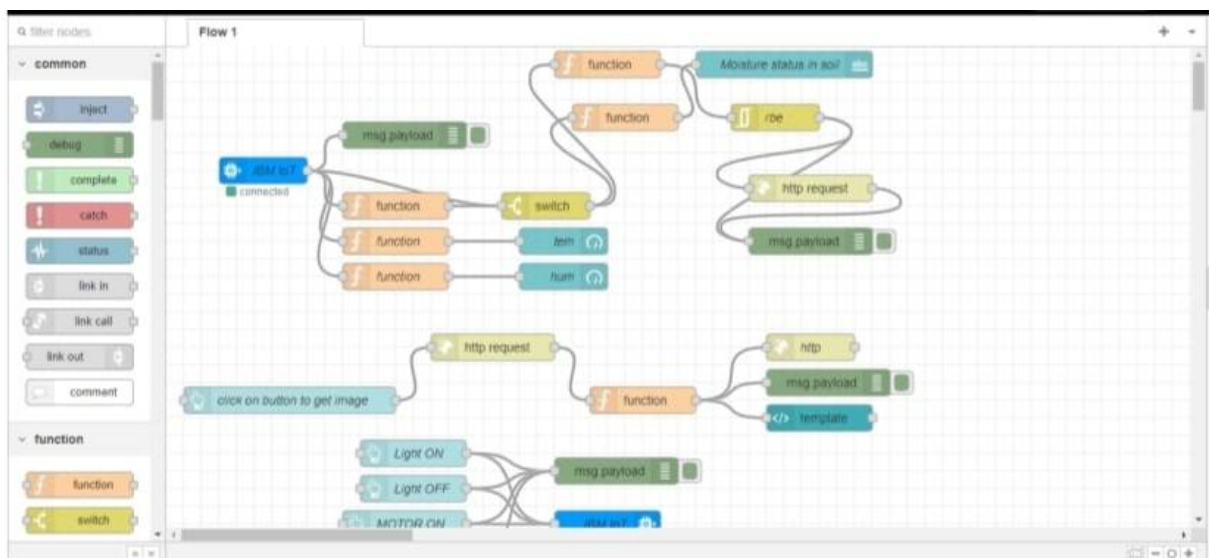
Software creation

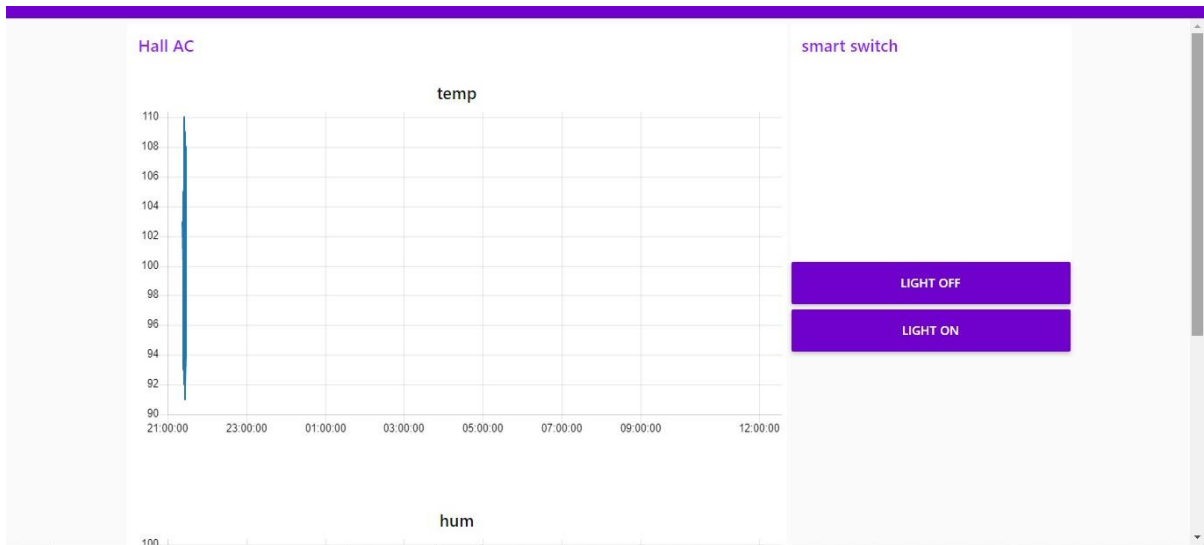
Date	12 November 2022
Team ID	PNT2022TMID53952
Project Name	IoT Based Smart Crop Protection System For Agriculture.

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:

Resource list / **node-red-ncmpf-2022--cloudant-1666447167379** Details Actions...

Active Add tags

Manage Overview Capacity Docs Launch Dashboard

Service credentials
Plan
Connections

Deployment details

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

Cloud Object Storage:

The screenshot shows the 'Buckets' page in a cloud storage management interface. On the left is a dark sidebar with navigation links: 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 descriptive paragraph: '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 this is a table with columns: Name, Public access, Location, Storage class, and Created. A single bucket named 'jadestorage' is listed with 'No' public access, 'jp-tok' location, 'Standard' storage class, and a creation time of '2022-11-13 4:12 PM'. A 'Create bucket' button is in the top right of the table area. At the bottom of the console, there is a 'download (1).png' notification and a 'Show all' button.

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

Watson:

The screenshot displays the Watson IoT dashboard. The top navigation bar includes 'Browse', 'Action', 'Device Types', and 'Interfaces', along with an 'Add Device' button. The main view shows details for a device with ID '7010', which is 'Connected' and of type 'jade'. Below the device header, there are tabs for 'Identity', 'Device Information', 'Recent Events' (selected), 'State', and 'Logs'. A message states: 'The recent events listed show the live stream of data that is coming and going from this device.' A table of recent events follows, with columns for Event, Value, Format, and Last Received. The events include data from a camera, a PH sensor, a temperature sensor, and two alerts. At the bottom right, a status box indicates '0 Simulations running'.

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