

Sprint 2

Team ID	PNT2022TMID13381
PROJECT NAME	IoT Based Smart Crop Protection System For Agriculture

Create and configure IBM cloud services:

STEP 1:

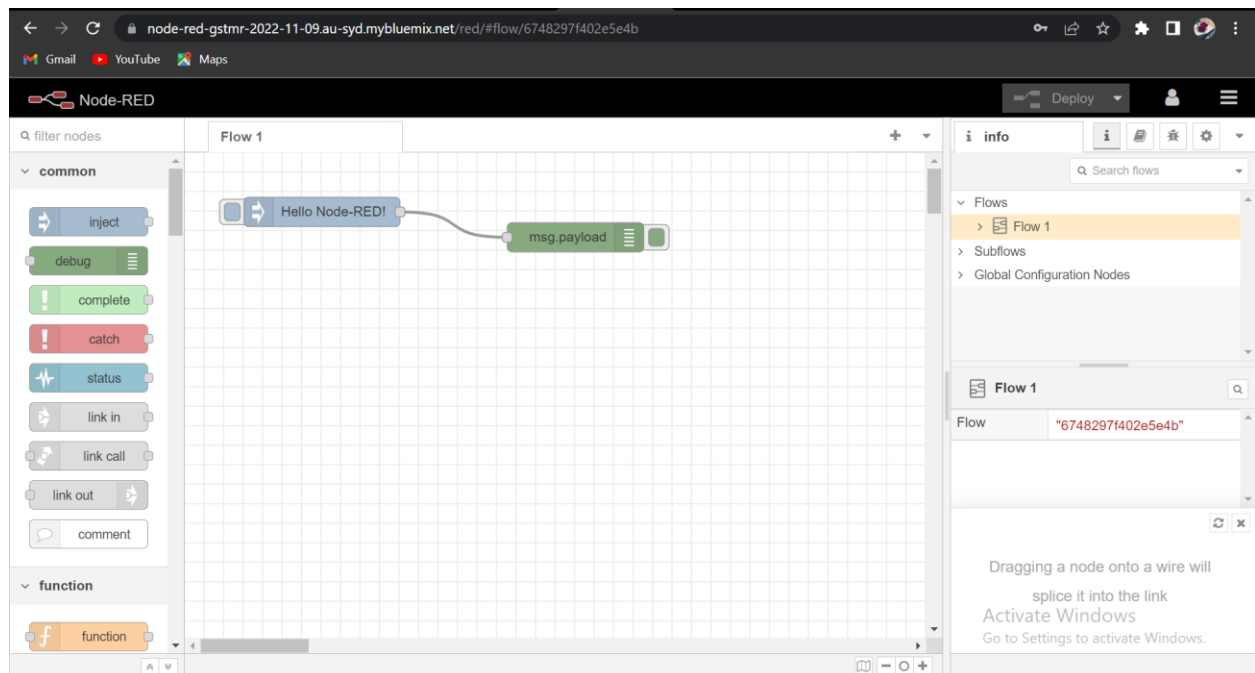
IBM Watson IoT Platform and device

The screenshot displays the IBM Watson IoT Platform interface. The main heading is "Browse Devices". Below the heading, there are two tabs: "All Devices" (selected) and "Diagnose". A descriptive text states: "This table shows a summary of all devices that have been added. It can be filtered, organized, and searched on using different criteria. To get started, you can add devices by using the Add Device button, or by using API." Below this text is a search bar labeled "Search by Device ID". To the right of the search bar is a "Device Simulator" toggle switch, which is currently turned off. Below the search bar is a table with the following columns: "Device ID", "Status", "Device Type", "Class ID", and "Date Added". The table contains one row with the following data: "12345", "Disconnected", "NodeMCU", "Device", and "Nov 12, 2022 5:42 PM". At the bottom of the table, there is a pagination bar that says "Items per page 50" and "1-1 of 1 item". In the bottom right corner, there is a watermark that says "Activate Windows. Go to Settings to activate Windows."

Device ID	Status	Device Type	Class ID	Date Added
12345	Disconnected	NodeMCU	Device	Nov 12, 2022 5:42 PM

STEP 2:

Create Node-red services



Step 3:

Create an databases in Cloudant db

The screenshot shows the Cloudant Databases dashboard in a web browser. The address bar displays the URL: `de3c99da-899c-43cb-9aa5-b6b3fdc4cc16-bluemix.cloudant.com/dashboard.html`. The dashboard has a dark sidebar on the left with various icons and a 'Log Out' button at the bottom. The main content area is titled 'Databases' and includes a 'Database name' dropdown, a 'Create Database' button, and buttons for JSON, Table, and a notification bell. Below this is a section titled 'Your Databases' containing a table with the following data:

Name	Size	# of Docs	Partitioned	Actions
noderedgstmr20221109	16.0 KB	3	No	
sample	500 bytes	5	No	

At the bottom of the dashboard, there is a footer area with the text 'Activate Windows' and 'Go to Settings to activate Windows.' Below this, it says 'Showing 1–2 of 2 databases.' and 'Databases per page' with a dropdown menu set to '20'. There are also navigation arrows and the number '1'.

Step 4:

Cloud object storage device

