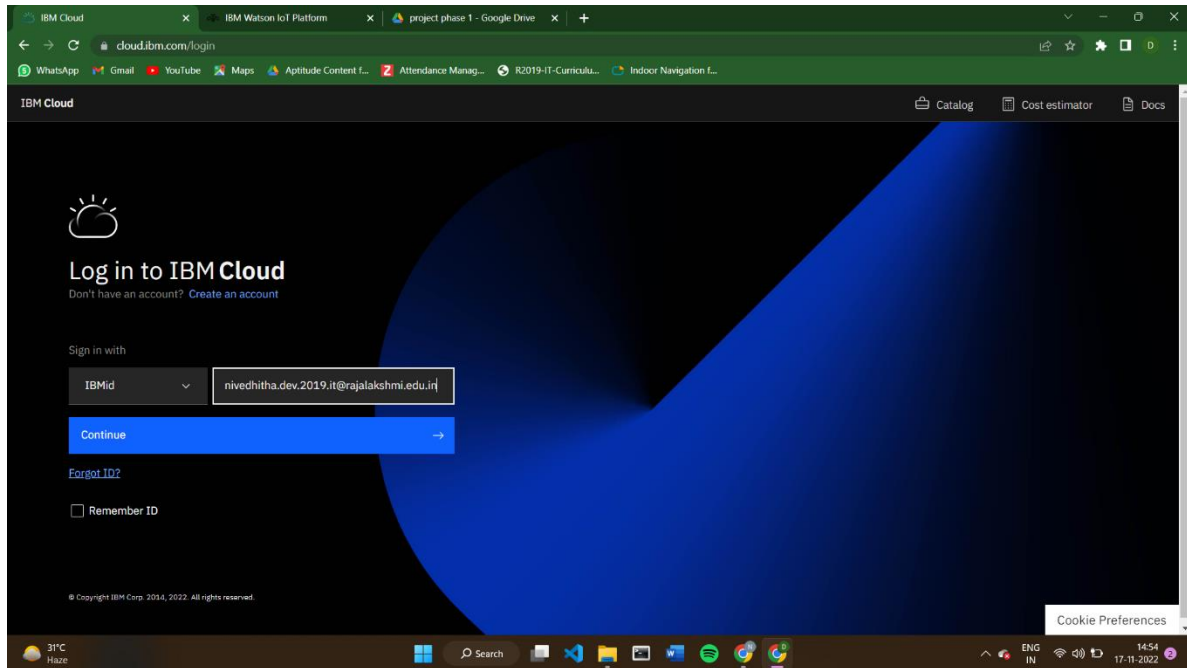


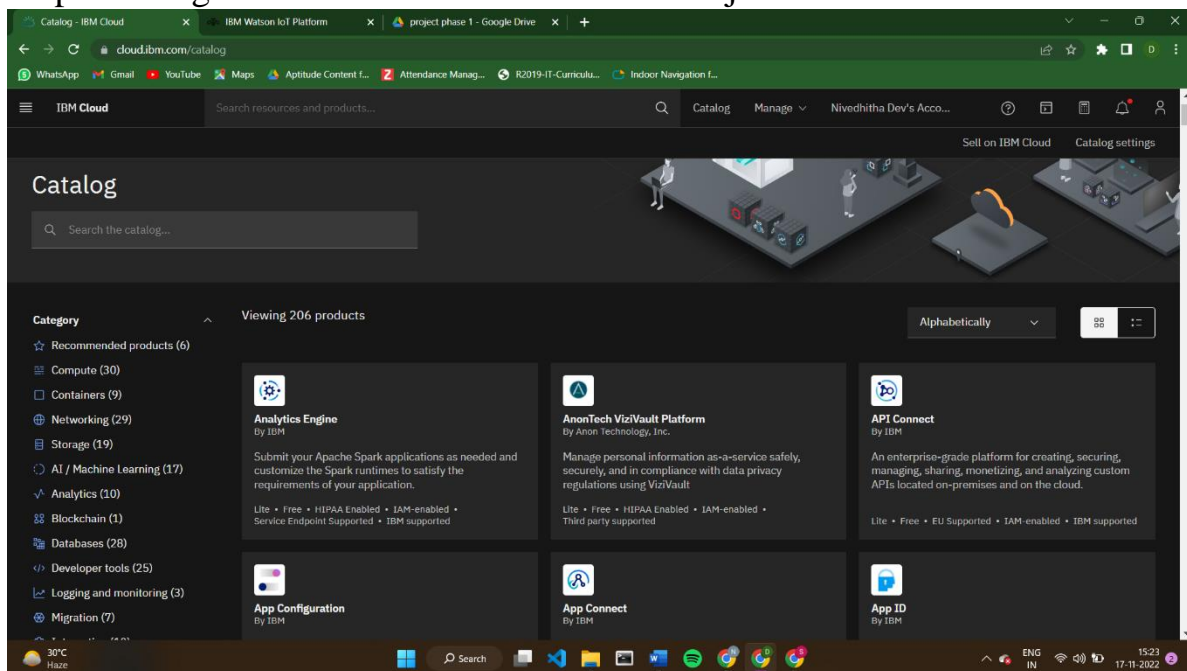
SPRINT – 1

Date	30 October 2022
Team ID	PNT2022TMID02664
Project Name	Smart Waste Management System for Metropolitan Cities
Story points	20

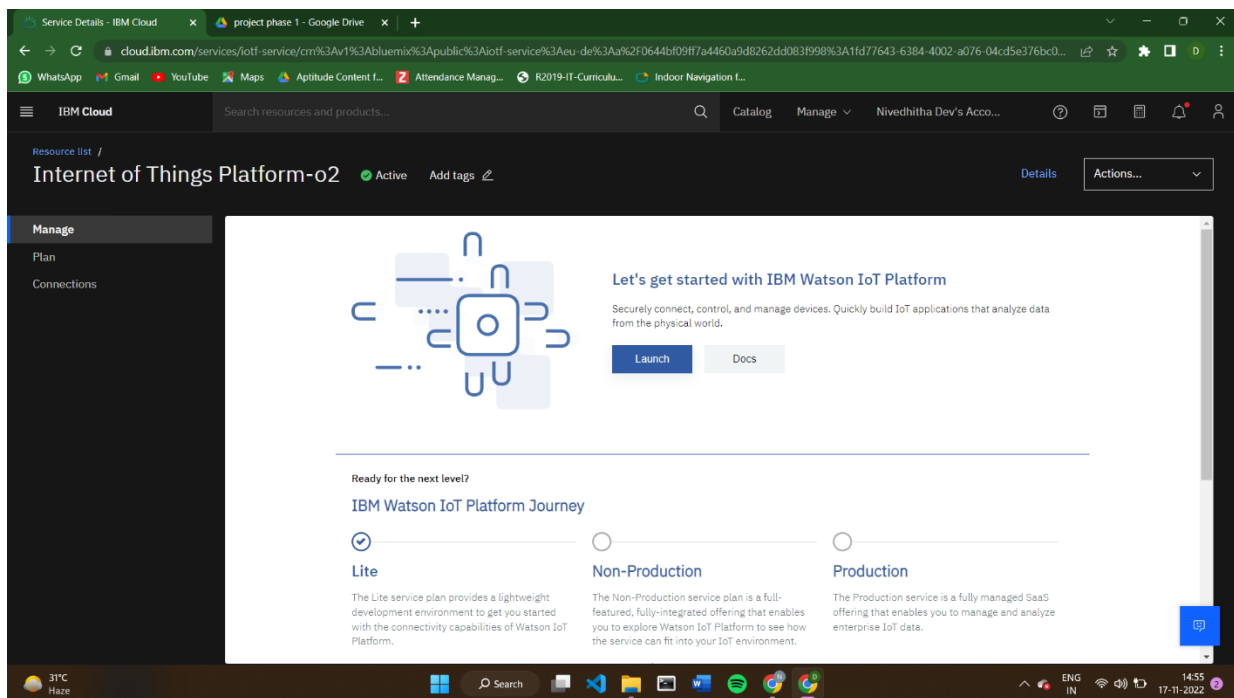
Step-1: Login to the IBM Cloud Account



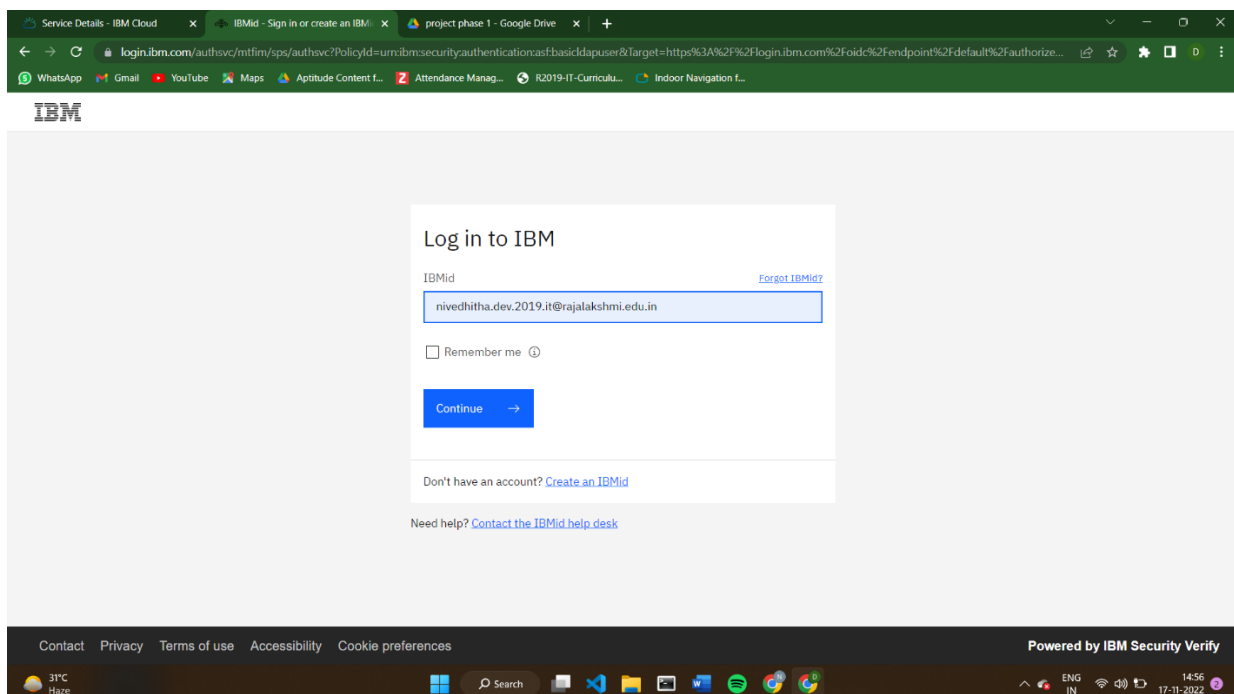
Step 2: Using IBM CLOUD services for the Project



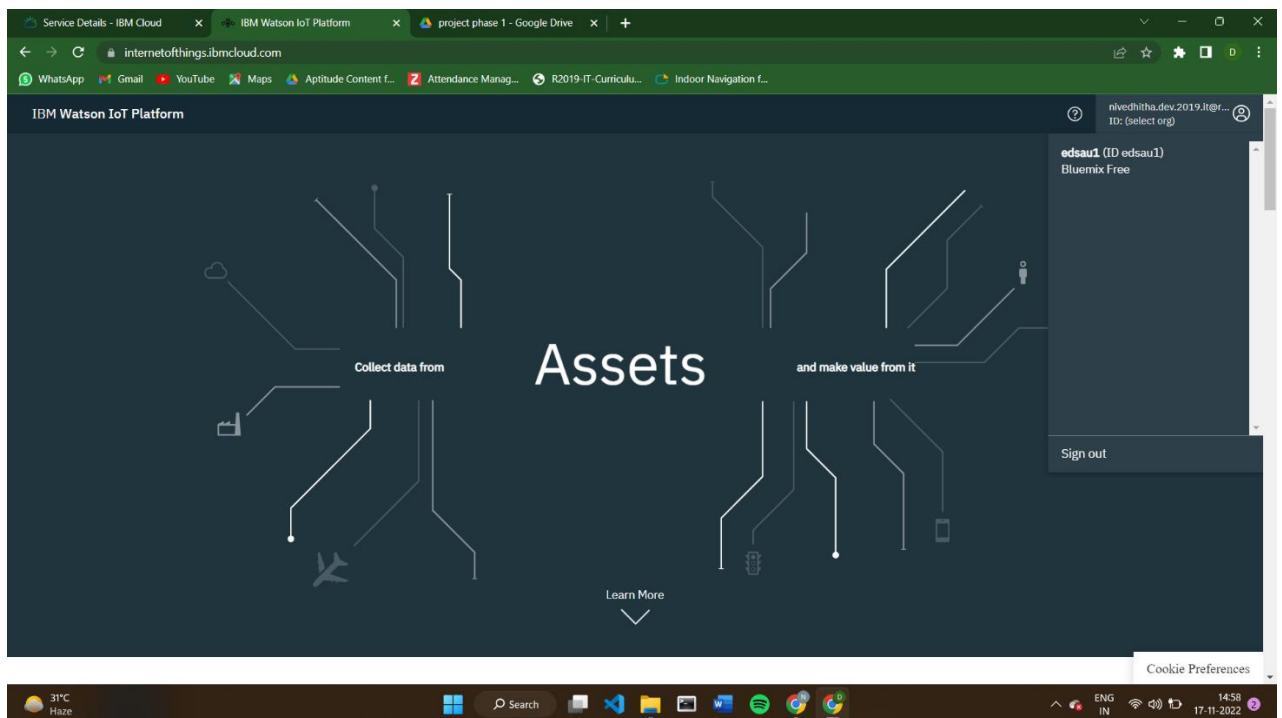
Step – 3: configure and launch the IBM Watson IOT platform



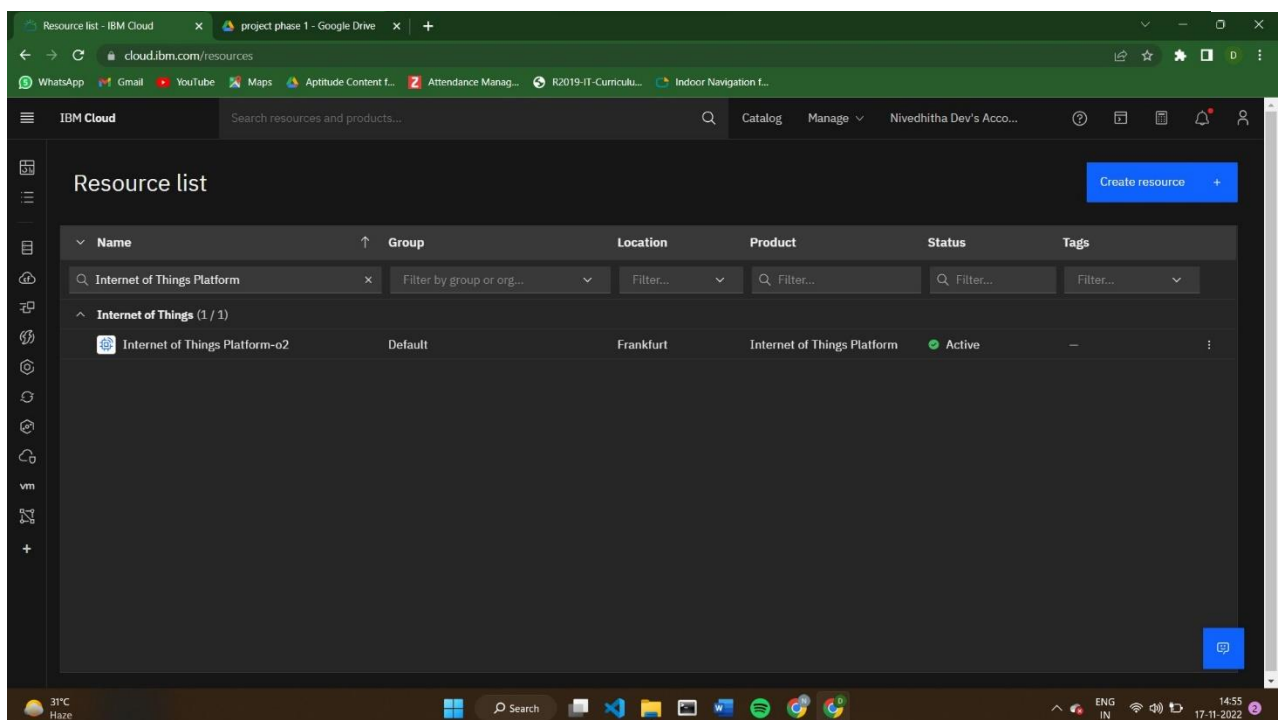
Step – 4: Sign in to the IBM Watson IOT platform



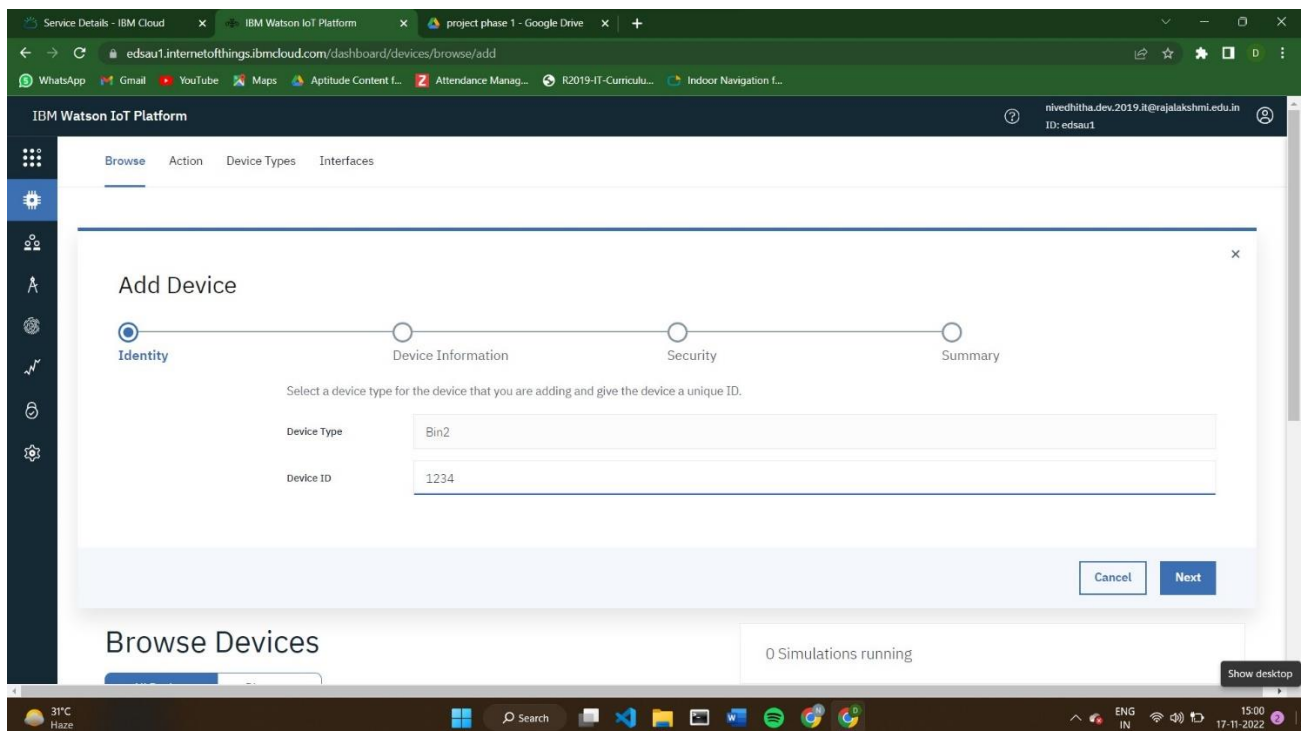
Step – 5: IBM Watson IOT platform is created



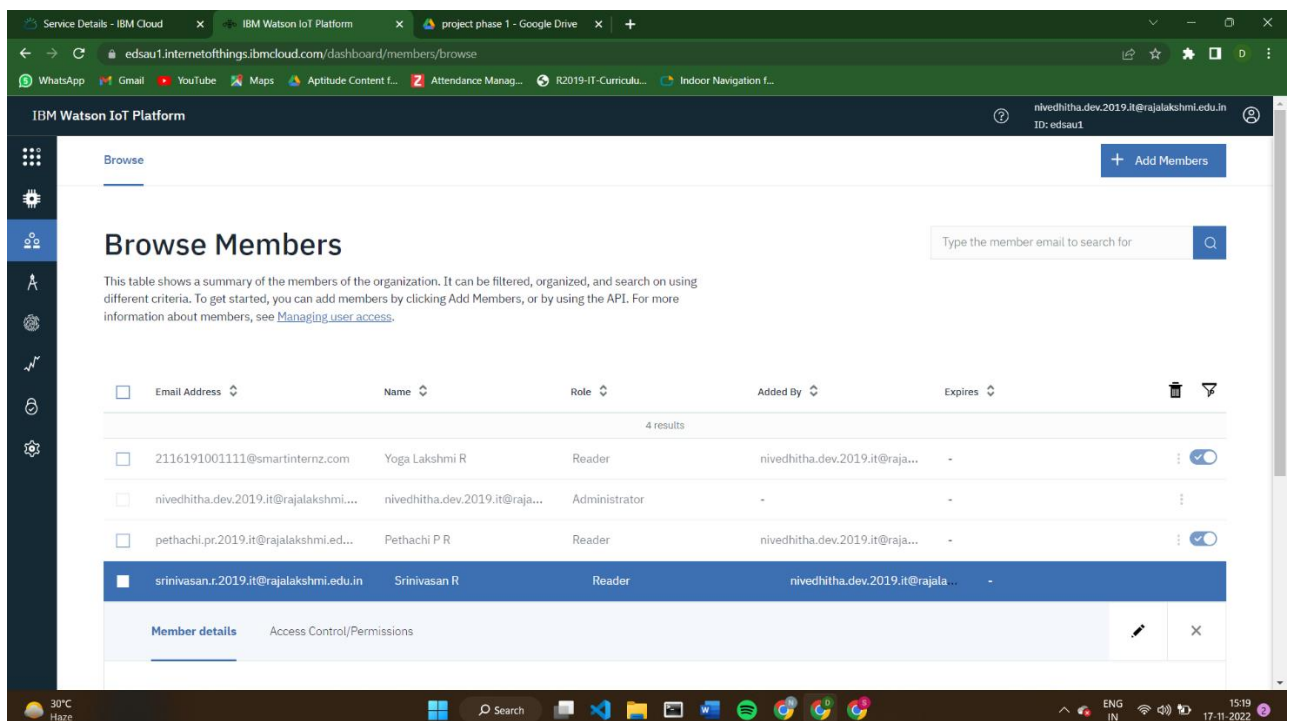
Step – 6: Open the IBM Watson IoT platform



Step – 7: Add devices to the IBM IoT Platform.



Step – 8: Add the team members to access the devices.



Step – 9: to connect the IoT device to the IBM cloud, create a device in the IBM Watson IoT Platform and get the device credentials

The screenshot shows the IBM Watson IoT Platform interface. The main heading is 'Device Drilldown - 123'. On the left, there is a sidebar with navigation options: Device Credentials, Connection Information, Recent Events, State, Device Information, Metadata, Diagnostics, Connection Logs, and Device Actions. The 'Device Credentials' section is active, displaying the following information:

Organization ID	edsau1
Device Type	Bin1
Device ID	123
Authentication Method	use-token-auth
Authentication Token	12345678

Below the table, a warning message states: 'Authentication tokens are non-recoverable. If you misplace this token, you will need to re-register the device to generate a new authentication token.' A link 'Find out how to add these credentials to your device' is provided. At the bottom right, it says '0 Simulations running'.

Step – 10: Connect the device with the IoT device and start simulating.

The screenshot shows the IBM Watson IoT Platform interface. The main heading is 'Device Drilldown - 123'. The 'Recent Events' tab is active, displaying a table of recent events:

Event	Value	Format	Last Received
event_1	{"temp":36,"weight":25}	json	a few seconds ago
event_1	{"temp":18,"weight":13}	json	a minute ago
event_1	{"temp":74,"weight":22}	json	2 minutes ago
event_1	{"temp":73,"weight":18}	json	3 minutes ago
event_1	{"temp":48,"weight":23}	json	3 minutes ago

Overlaid on the right is a 'Device Type: Bin1' configuration window. It shows the 'Events' tab with 'event_1' selected. The 'Schedule' is set to 'Every Minute'. The 'Payload' is configured as follows:

```
{
  "temp": random(0, 100),
  "weight": random(10, 30)
}
```

The window also includes a 'Send' button, a 'New event type' button, and an 'Upload a CSV file' button. The 'Save' button is at the bottom right.

Service Details - IBM Cloud

IBM Watson IoT Platform

project phase 1 - Google Drive

+

edsau1.internetofthings.ibmcloud.com/dashboard/devices/browse

WhatsAppGmailYouTubeMapsAptitude Content f...Attendance Manag...R2019-IT-Curriculu...Indoor Navigation f...

IBM Watson IoT Platform

nivedhitha.dev.2019.it@rajalakshmi.edu.inID: edsau1

Browse

Action

Device Types

Interfaces

Add Device

123

Disconnected

Bin1

Device

Nov 17, 2022 2:59 PM

Identity

Device Information

Recent Events

State

Logs

The recent events listed show the live stream of data that is coming and going from this device.

Event	Value	Format	Last Received
event_1	{"temp":36,"weight":25}	json	a few seconds ago
event_1	{"temp":18,"weight":13}	json	a minute ago
event_1	{"temp":74,"weight":22}	json	2 minutes ago
event_1	{"temp":73,"weight":18}	json	3 minutes ago
event_1	{"temp":48,"weight":23}	json	3 minutes ago

1234

Disconnected

Bin2

Device

Nov

2 Simulations running

30°C
Haze

Search

ENG
IN

15:07
17-11-2022