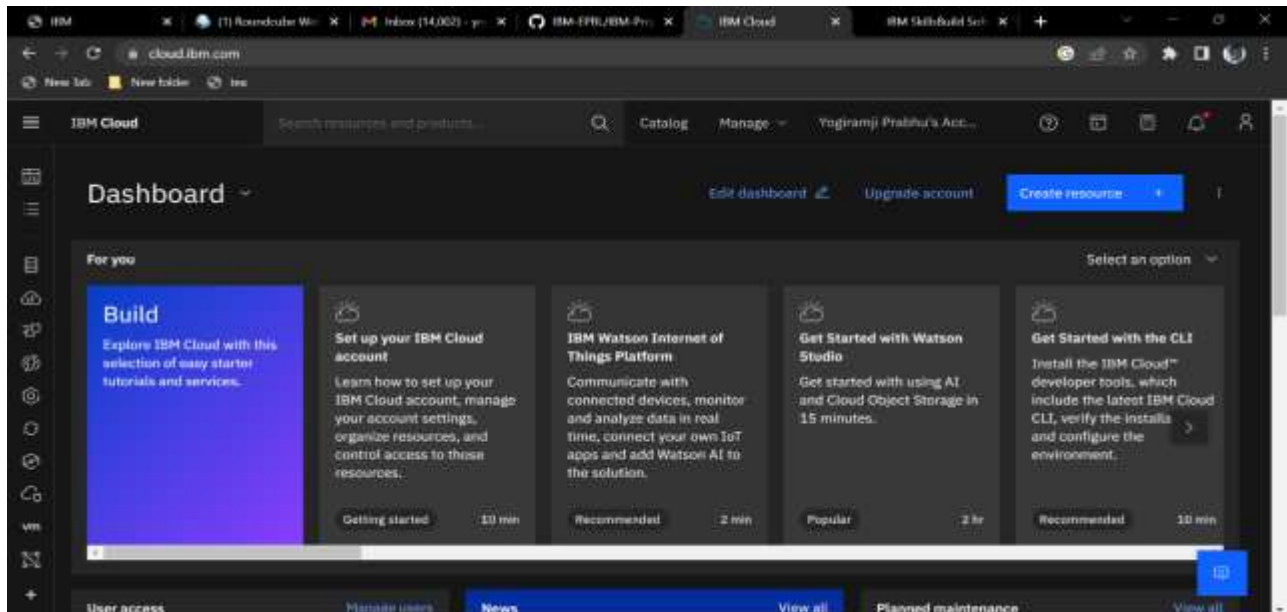


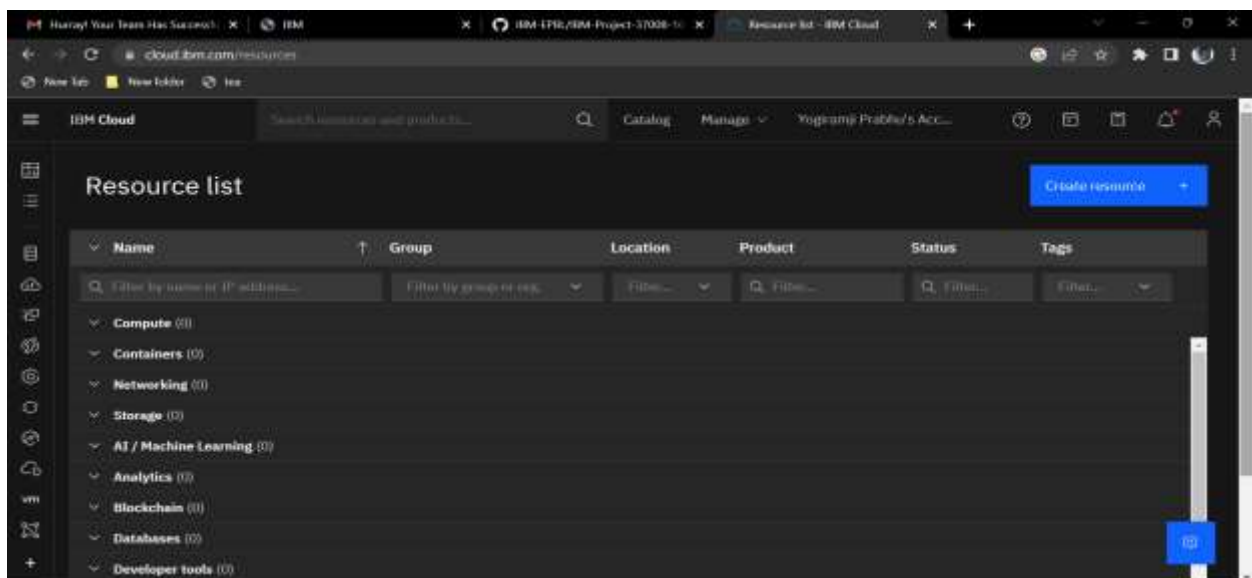
Sprint-1

Date	14 November 2022
Team ID	PNT2022TMID13653
Project Name	Project: Signs with Smart Connectivity for Better Road Safety
Marks	20 Marks

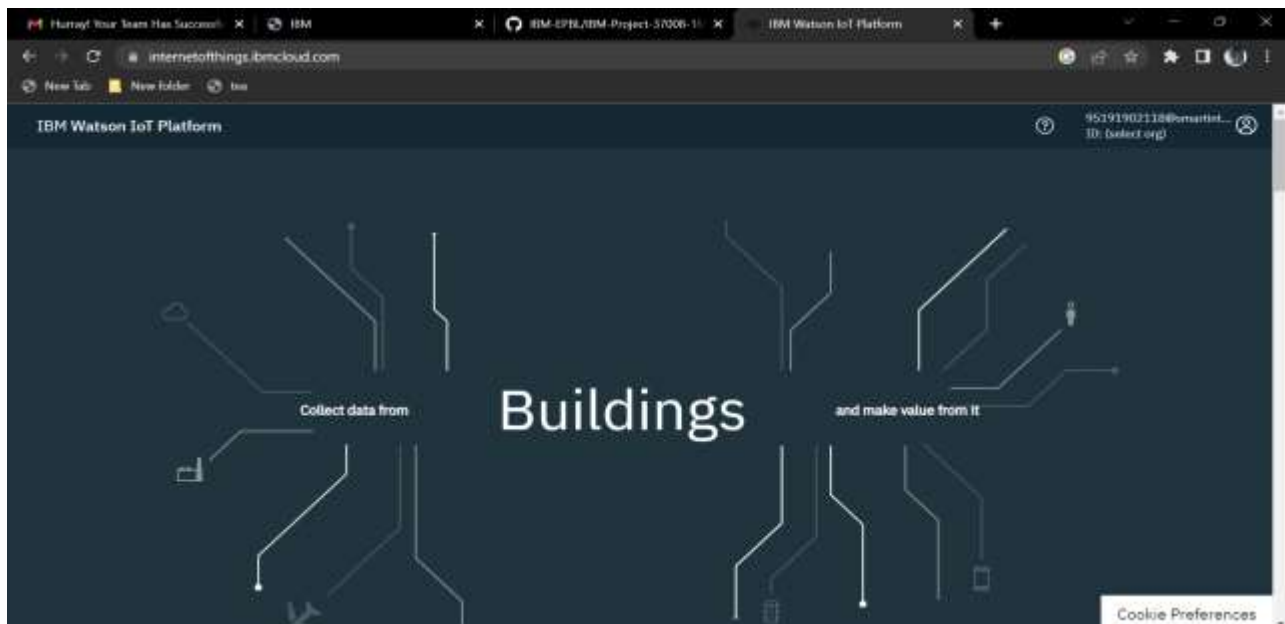
US-1: Create the IBM Cloud services which are being used in this project.



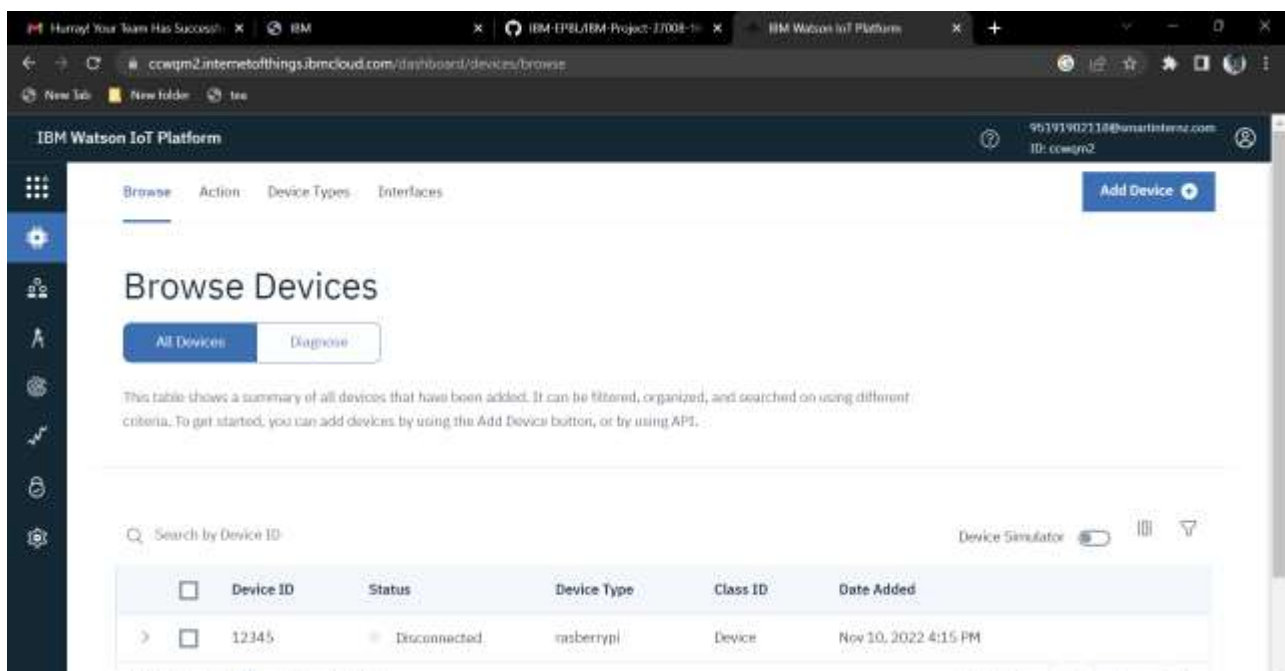
US-2: Configure the IBM Cloud service which are being used in completing this project.



US-3: IBM Watson IoT Platform acts as the mediator to connect the web application to IoT devices, so create the IBM Watson IoT platform.



US-4: In order to connect the IoT device to the IBM Cloud, create a device in IBM Watson IoT platform and get device credentials.



IBM Watson IoT Platform

Identity Device Information Recent Events

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

Event	Value
event_1	["Temperature":50,"Humidity":57,"Rain":13]
event_1	["Temperature":51,"Humidity":12,"Rain":82]
event_1	["Temperature":71,"Humidity":17,"Rain":91]
event_1	["Temperature":81,"Humidity":9,"Rain":81]
event_1	["Temperature":55,"Humidity":10,"Rain":9]

Events 1

Event type name event_1 Frequency 20 < Every Minute Send

Payload

You can override field values in the event payload that is sent by this device. Specify the override values in the editor window.

```
{
  1: "Temperature": random(0, 100),
  2: "Humidity": random(0, 100),
  3: "Rain": random(0, 100),
  4: }
}
```

What functions can I apply?

IBM Watson IoT Platform

Identity Device Information Recent Events Data 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	["Temperature":50,"Humidity":57,"Rain":13]	json	a few seconds ago
event_1	["Temperature":51,"Humidity":12,"Rain":82]	json	a few seconds ago
event_1	["Temperature":71,"Humidity":17,"Rain":91]	json	a few seconds ago
event_1	["Temperature":81,"Humidity":9,"Rain":81]	json	a few seconds ago
event_1	["Temperature":55,"Humidity":10,"Rain":9]	json	a few seconds ago

1 Simulation running

