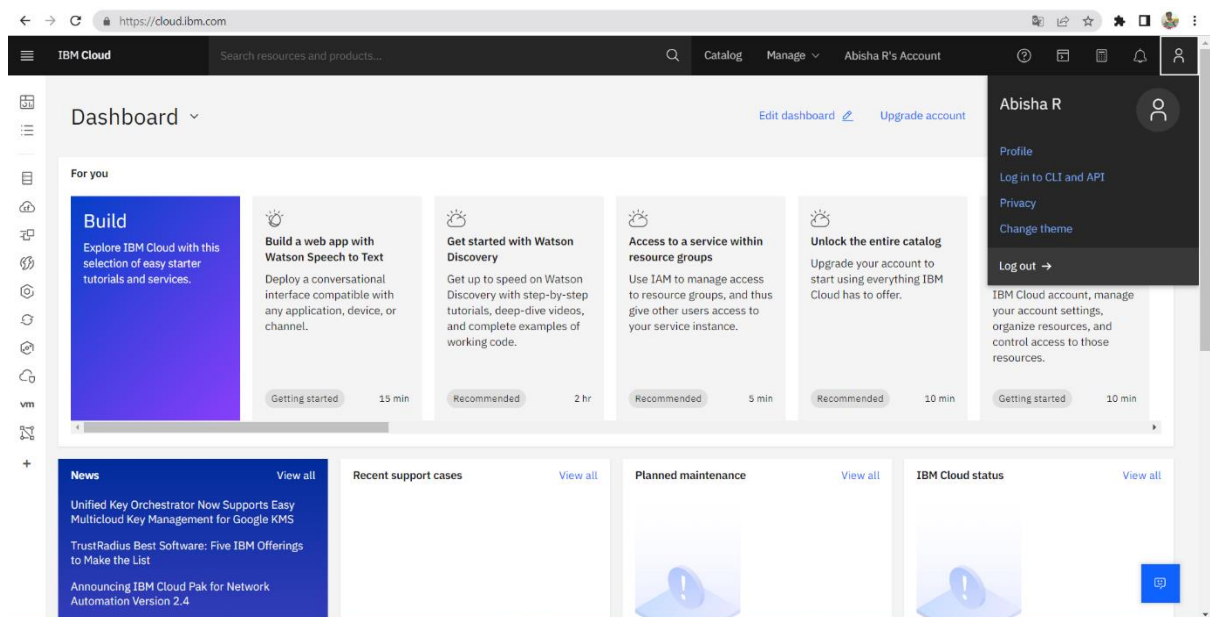


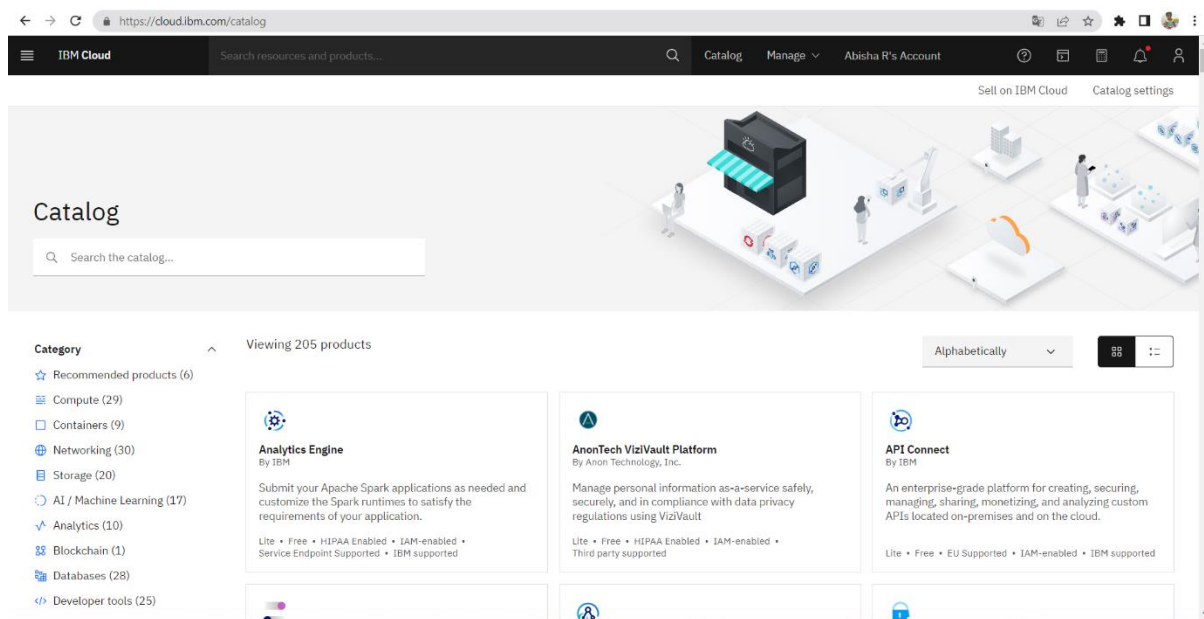
Sprint-1

Date	18 November 2022
Team Id	PNT2022TMID33963
Project Name	Signs with Smart Connectivity for Better Road Safety

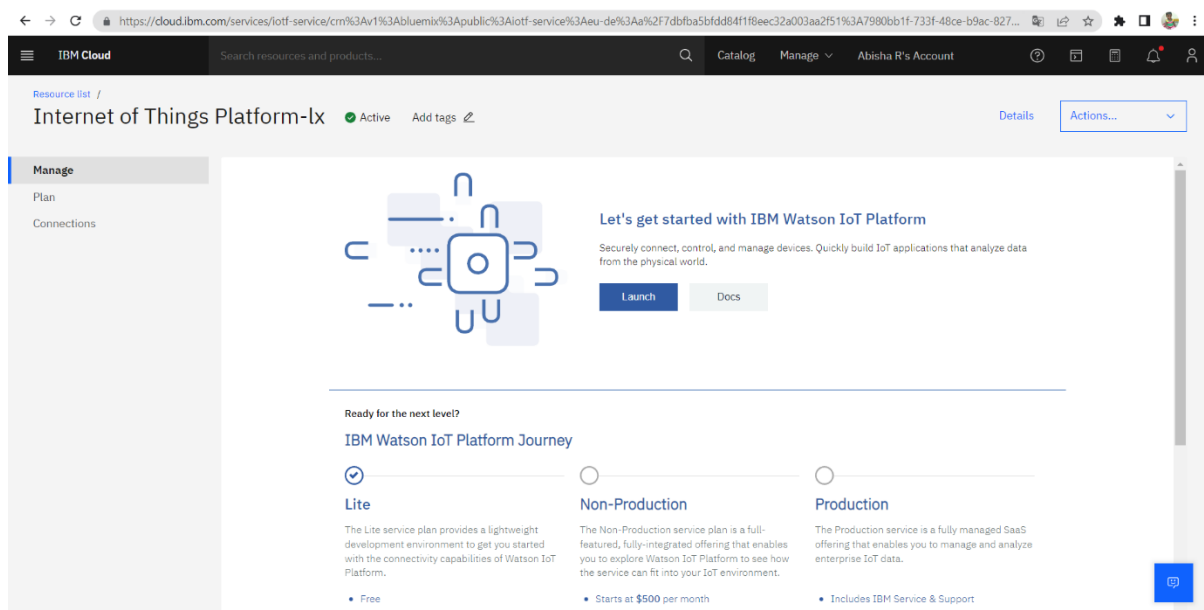
US-1: Create the IBM Cloud Services which are being used in this project.



US-2: Configure the IBM Cloud Services which are being used in 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.

The screenshot shows the IBM Watson IoT Platform dashboard. The top navigation bar includes 'Browse', 'Action', 'Device Types', and 'Interfaces'. A table lists devices with columns: Device ID, Status, Device Type, Class ID, Date Added, and Descriptive Location. Two devices are shown: '4004deviceid' (Disconnected) and 'sprint1type_1' (Connected). The 'sprint1type_1' device is selected, and its details are shown in a modal window. The details include: Device ID (sprint1type_1), Device Type (sprint1type), Date Added (17 Nov 2022 21:59), Added By (960219104004@smartinternz.com), and Connection Status (Connected). The connection status details show: Connection Time: 18 Nov 2022 09:49 and Client Address: 157.49.248.110 SecureToken. At the bottom, it says '1 Simulation running'.

Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
4004deviceid	Disconnected	4004devicetype	Device	31 Oct 2022 19:14	
sprint1type_1	Connected	sprint1type	Device	17 Nov 2022 21:59	

Device Details for sprint1type_1:

- Device ID: sprint1type_1
- Device Type: sprint1type
- Date Added: 17 Nov 2022 21:59
- Added By: 960219104004@smartinternz.com
- Connection Status: **Connected**
Connection Time: 18 Nov 2022 09:49
Client Address: 157.49.248.110 SecureToken

1 Simulation running

The screenshot shows the IBM Watson IoT Platform dashboard with the 'Recent Events' tab selected for the 'sprint1type_1' device. A modal window titled 'Device Type: sprint1type' is open, showing the 'Events' section. The 'Event type name' is 'event_1'. The 'Schedule' is set to '20' and 'Every Minute'. The 'Payload' is a JSON object with random values for 'temp', 'pulse', 'oxygen', 'lat', and 'lon'. The 'Recent Events' table shows a list of events with columns: Event, Value, Format, and Last Received. The events are all of type 'event_1' and are in 'json' format.

Recent Events:

Event	Value	Format	Last Received
event_1	{"d":{"temp":15,"pulse":68,"oxygen":74,"lat":16,"lon":16}}	json	a few seconds ago
event_1	{"d":{"temp":37,"pulse":56,"oxygen":73,"lat":68,"lon":68}}	json	a few seconds ago
event_1	{"d":{"temp":50,"pulse":71,"oxygen":4,"lat":98,"lon":98}}	json	a few seconds ago
event_1	{"d":{"temp":21,"pulse":7,"oxygen":39,"lat":29,"lon":29}}	json	a few seconds ago
event_1	{"d":{"temp":7,"pulse":76,"oxygen":34,"lat":85,"lon":85}}	json	a few seconds ago

Device Type: sprint1type - Events

Event type name: event_1

Schedule: 20 Every Minute

Payload: Specify the event payload in the editor window or by uploading a CSV file.

```
{
  "d": {
    "temp": random(0,100),
    "pulse": random(0,100),
    "oxygen": random(0,100),
    "lat": random(0,100),
    "lon": random(0,100)
  }
}
```

← → ↻

https://8slg2.internetofthings.ibmcloud.com/dashboard/devices/browse

🔍 ⚙️ 🌐 🏠 👤

960219104004@smartinternz.com
ID: 8slgr2

IBM Watson IoT Platform

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⚙️

Browse

Action

Device Types

Interfaces

Add Device ➕

📄 sprint1type_1

Connected

sprint1type

Device

17 Nov 2022 10:37

→ ⋮

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	{"d":{"temp":79,"pulse":10,"oxygen":52,"lat":91,"...	json	a few seconds ago
event_1	{"d":{"temp":15,"pulse":21,"oxygen":57,"lat":35,"...	json	a few seconds ago
event_1	{"d":{"temp":17,"pulse":78,"oxygen":92,"lat":27,"...	json	a few seconds ago
event_1	{"d":{"temp":71,"pulse":59,"oxygen":61,"lat":85,"...	json	a few seconds ago
event_1	{"d":{"temp":52,"pulse":96,"oxygen":8,"lat":68,"l...	json	a few seconds ago

Items per page 50 | 1-4 of 4 items

1 Simulation running