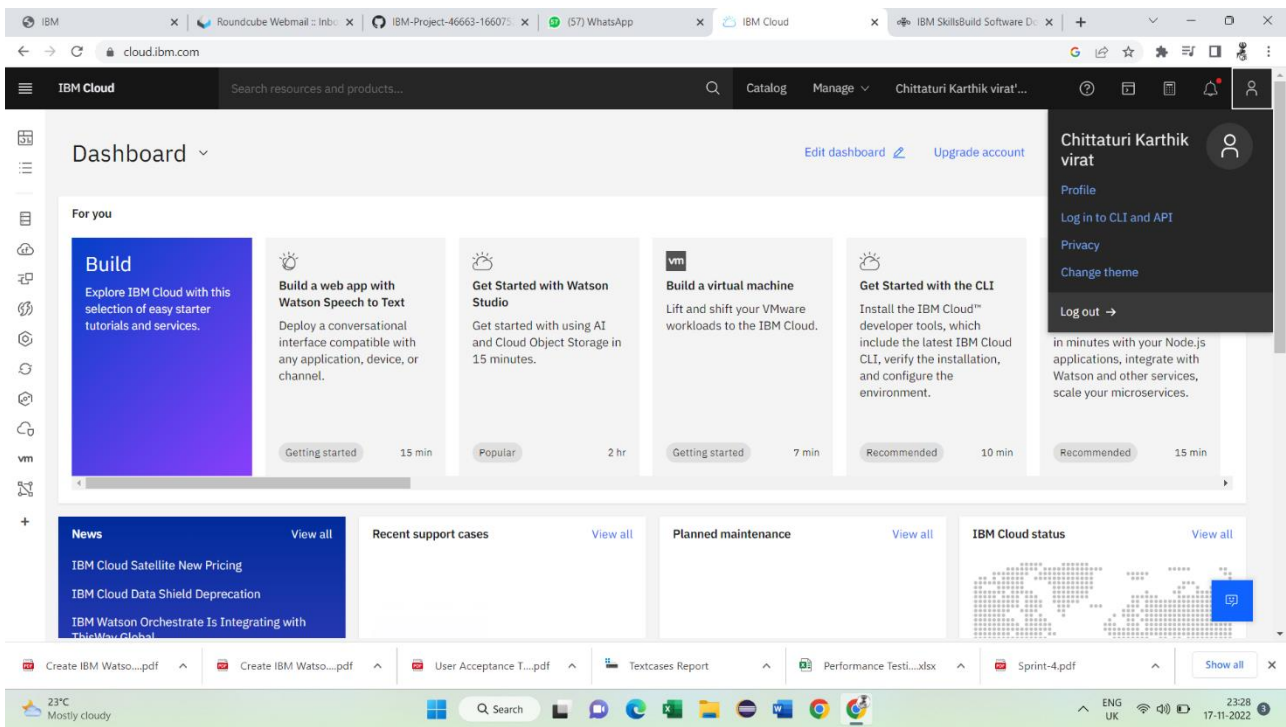


## Sprint-1

Date	2 November 2022
Team ID	PNT2022TMID24762
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.

Resource list

Create resource +

Name	Group	Location	Product	Status	Tags
Filter by name or IP address...	Filter by group or org...	Filter...	Filter...	Filter...	Filter...
Compute (0)					
Containers (0)					
Networking (0)					
Storage (1+)					
AI / Machine Learning (3+)					
Analytics (0)					
Blockchain (0)					
Databases (0)					
Developer tools (0)					
Logging and monitoring (0)					
Migration (0)					
Integration (0)					

**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.**

Internet of Things Platform-67 Active Add tags

Details Actions...

Manage

Plan

Connections

Let's get started with IBM Watson IoT Platform

Securely connect, control, and manage devices. Quickly build IoT applications that analyze data from the physical world.

Launch Docs

Ready for the next level?

IBM Watson IoT Platform Journey

Lite

The Lite service plan provides a lightweight development environment to get you started with the connectivity capabilities of Watson IoT Platform.

- Free
- 200 MB data-transfer limit

Non-Production

The Non-Production service plan is a full-featured, fully-integrated offering that enables you to explore Watson IoT Platform to see how the service can fit into your IoT environment.

- Starts at \$500 per month
- Capacity limit based on device type

Production

The Production service is a fully managed SaaS offering that enables you to manage and analyze enterprise IoT data.

- Includes IBM Service & Support
- Pricing based on number of devices per

**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 Cloud Feature Code - chittat...IBMService Details - IBM CloudIBM Watson IoT Platform(55) WhatsApp

go2uz7.internetofthings.ibmcloud.com/dashboard/devices/browse

chittaturikarthikviratece2019@citchennai.netID: go2uz7

BrowseActionDevice TypesInterfaces

Add Device

Search by Device ID

Device Simulator

Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
PNT2022TMID24762	Disconnected	PNT2022TMID24762	Device	Nov 18, 2022 11:09 AM	

Identity

Device Information

Recent Events

State

Logs

Device ID: PNT2022TMID24762

Device Type: PNT2022TMID24762

Date Added: Nov 18, 2022 11:09 AM

Added By: chittaturikarthikviratece2019@citchennai.net

Connection Status: Disconnected

Items per page 50 | 1-1 of 1 item

1 of 1 page

29°C Haze

Search

ENG UK11:10 18-11-2022

IBM Cloud Feature Code - chittat...IBMService Details - IBM CloudIBM Watson IoT Platform(55) WhatsApp

go2uz7.internetofthings.ibmcloud.com/dashboard/devices/browse

chittaturikarthikviratece2019@citchennai.netID: go2uz7

BrowseActionDevice TypesInterfaces

Add Device

Search by Device ID

Device Simulator

Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
PNT2022TMID24762	Disconnected	PNT2022TMID24762	Device	Nov 18, 2022 11:09 AM	

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	{"randomNumber":70}	json	a few seconds ago
event_1	{"randomNumber":57}	json	a few seconds ago
event_1	{"randomNumber":0}	json	a few seconds ago
event_1	{"randomNumber":22}	json	a few seconds ago
event_1	{"randomNumber":36}	json	a few seconds ago

1 Simulation running

Items per page 50 | 1-1 of 1 item

1 of 1 page

29°C Polluted air

Search

ENG UK11:12 18-11-2022

IBM Watson IoT Platform

Device Type: PNT2022TMID24762

Events 1

New event type +

Event type name event\_1 Send

Schedule 60 Every Minute

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

```
0 {
1   "Temperature": random(0,100)
2   "Humidity": random(0,100)
3   "Rain": random(0,100)
4 }
5
```

Upload a CSV file

Cancel Save

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":78,"Humidity":75,"Rain":55}	json	a few seconds ago
event_1	{"type":"Buffer","data":[]}	json	a few seconds ago
event_1	{"type":"Buffer","data":[]}	json	a few seconds ago
event_1	{"type":"Buffer","data":[]}	json	a minute ago
event_1	{"randomNumber":22}	json	5 minutes ago

Items per page 20 | 1-1 of 1 item

Create IBM Watson...pdf Show all

30°C Haze

IBM Watson IoT Platform

chittaturikarthikvratece2019@citichennai.net ID: go2uz7

Add Device +

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":78,"Humidity":75,"Rain":55}	json	a few seconds ago
event_1	{"type":"Buffer","data":[]}	json	a few seconds ago
event_1	{"type":"Buffer","data":[]}	json	a few seconds ago
event_1	{"type":"Buffer","data":[]}	json	a minute ago
event_1	{"randomNumber":22}	json	5 minutes ago

Items per page 20 | 1-1 of 1 item

1 of 1 page

2 Simulations running

Create IBM Watson...pdf Show all

30°C Polluted air

