

## SPRINT-2

### Creation of IBM Watson IoT Platform and Device

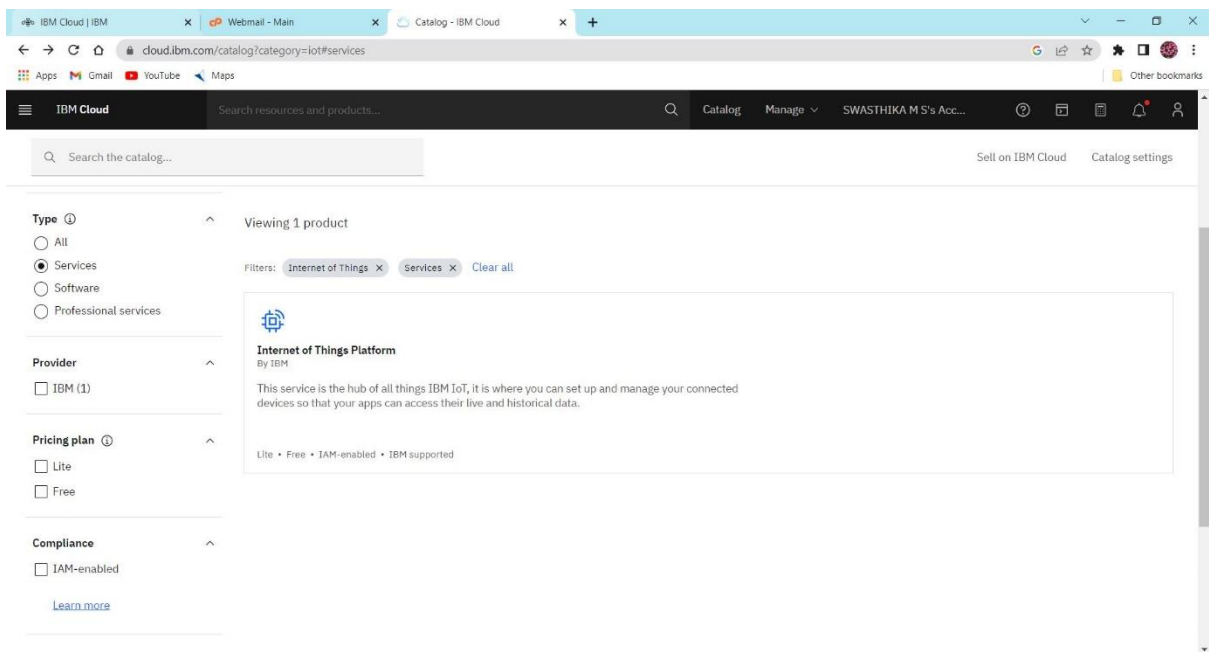
TEAM ID	PNT2022TMID44357
PROJECT DOMAIN	INTERNET OF THINGS
PROJECT TITLE	IoT BASED SMART CROP PROTECTION SYSTEM FOR AGRICULTURE
DATE	05 NOVEMBER 2022

IBM Watson IoT platform acts as the mediator to connect the web application to IoT device, so create the IBM Watson IoT platform.

In order to connect the IoT device to the IBM cloud, create a device in the IBM Watson IoT platform and get the device credentials.

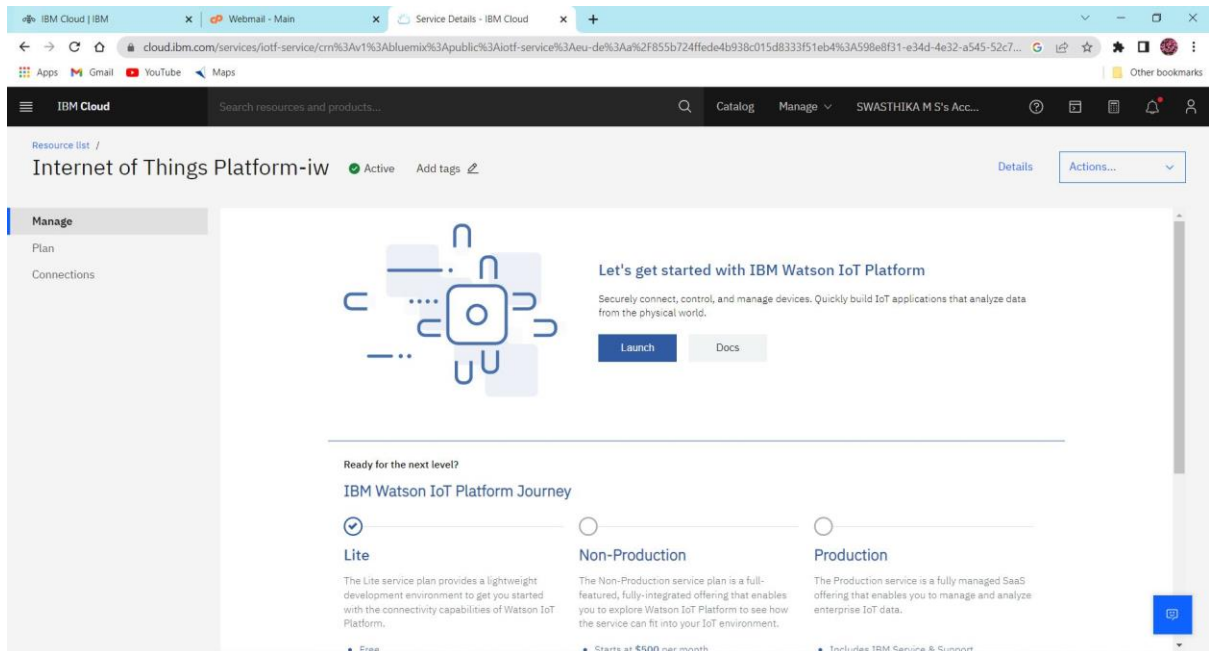
#### STEP 1:

- Login in cloud account.
- In dashboard click on catalog
- Search for internet of things platform



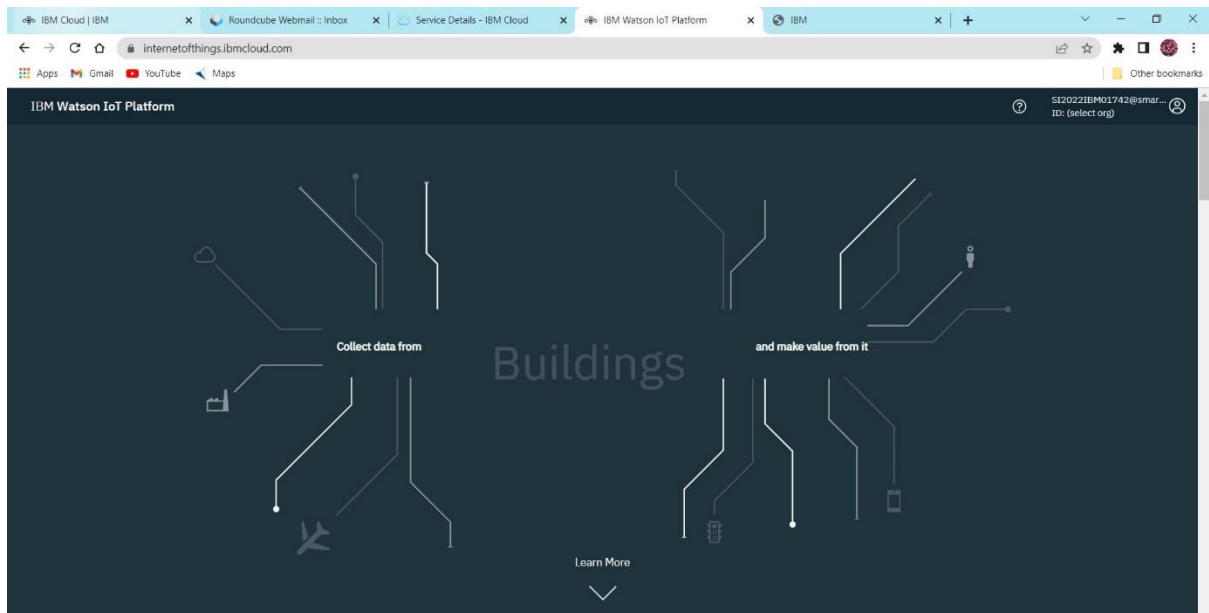
## STEP 2:

- Click on launch



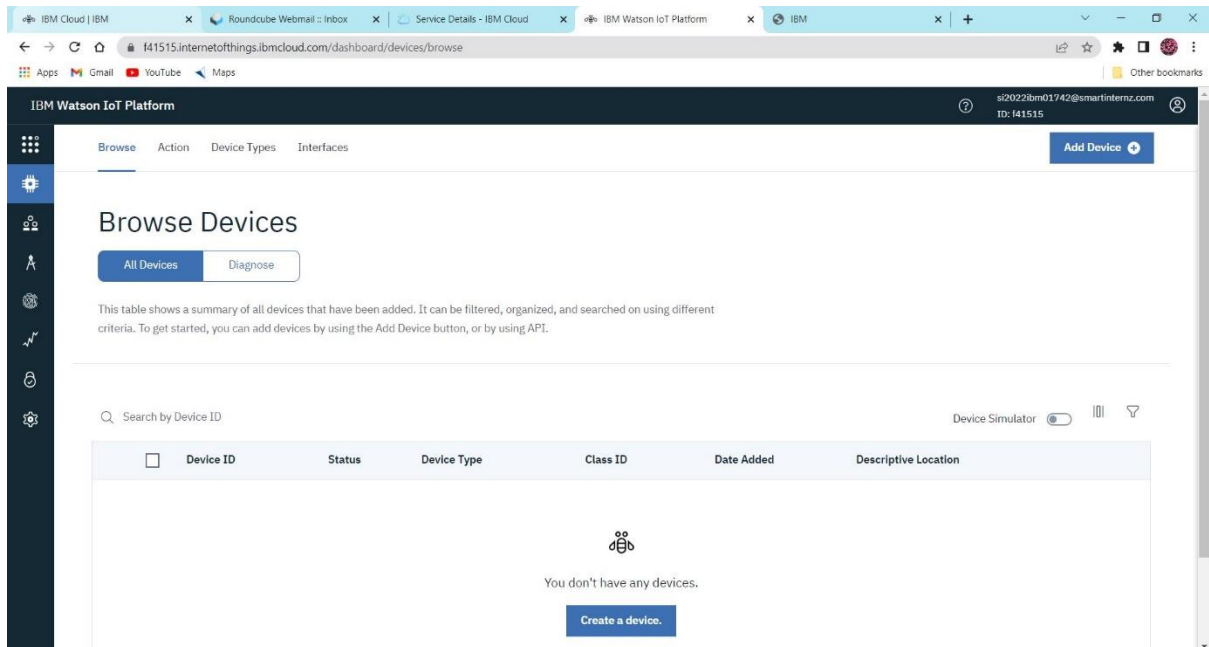
## STEP 3:

- Sign in and select the org id



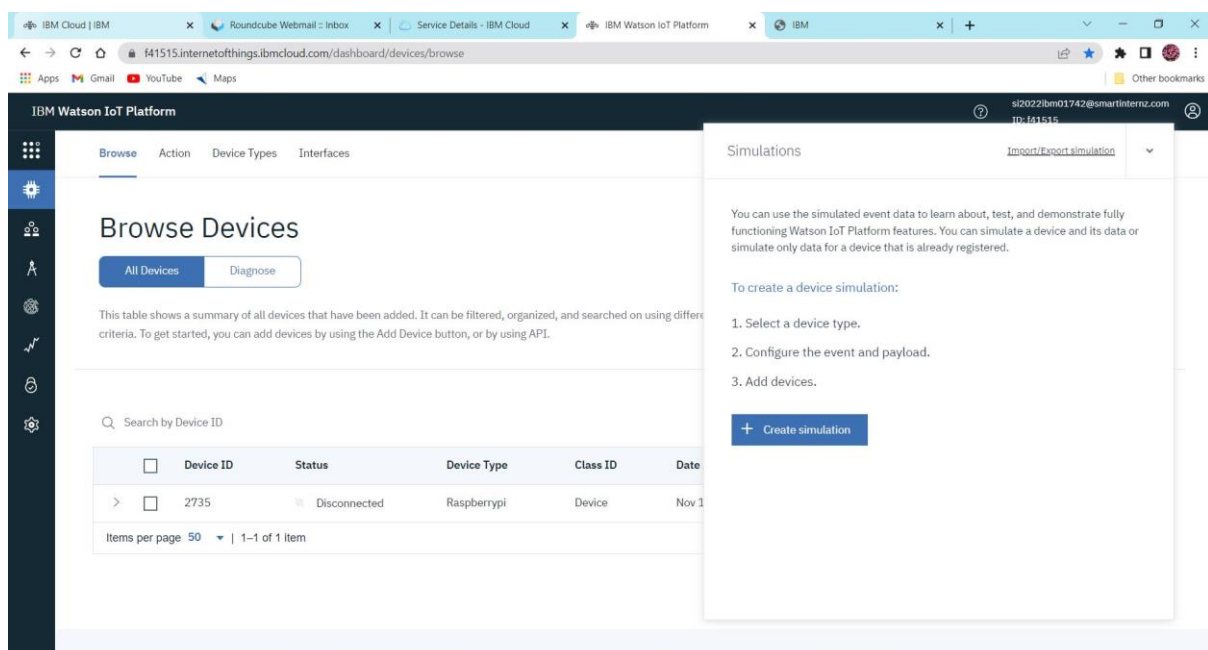
## STEP 4:

- Will launch the browse device



## STEP 5:

- Click on add device



IBM Cloud | IBM x Roundcube Webmail - Inbox x Service Details - IBM Cloud x IBM Watson IoT Platform x IBM x +

f41515.internetofthings.ibmcloud.com/dashboard/devices/browse

Apps Gmail YouTube Maps

IBM Watson IoT Platform

si2022ibm01742@smarterintenz.com ID: f41515

Browse Action Device Types Interfaces

Search by Device ID

Device ID	Status	Device Type	Class ID	Date
2735	Disconnected	Raspberrypi	Device	Nov 10, 2022 8:45 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	{"randomNumber":84}	json	a few seconds ago
event_1	{"randomNumber":57}	json	a few seconds ago

Items per page 50 | 1-1 of 1 item

1 of 1 page

Device Type: Raspberrypi

Events 1

New event type

Event type name event\_1

Send

Schedule

20 Every Minute

Payload

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

```
0 {
1   "randomNumber": random(0, 100)
2 }
3
```

Upload a CSV file

What functions can I apply?

Cancel Save

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Apps Gmail YouTube Maps

IBM Watson IoT Platform

si2022ibm01742@smarterintenz.com ID: f41515

Browse Action Device Types Interfaces

Add Device

Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
2735	Disconnected	Raspberrypi	Device	Nov 10, 2022 8:45 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	{"randomNumber":84}	json	a minute ago
event_1	{"randomNumber":57}	json	2 minutes ago

Items per page 50 | 1-1 of 1 item

1 of 1 page

1 Simulation running