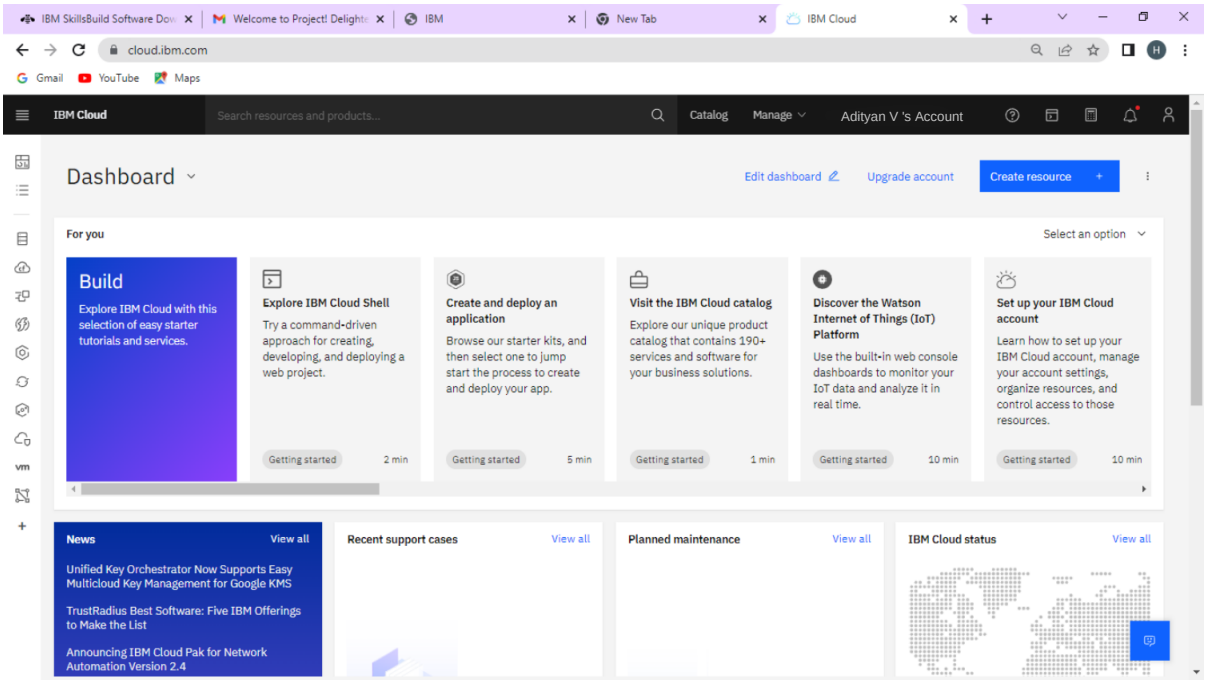
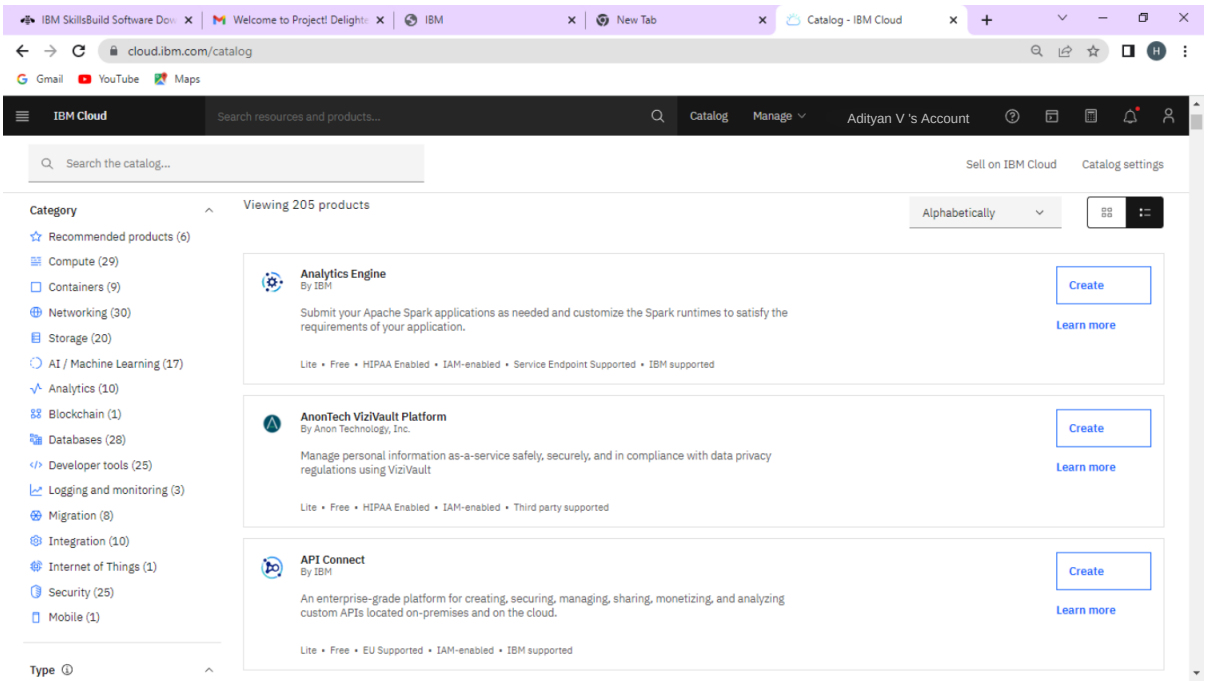
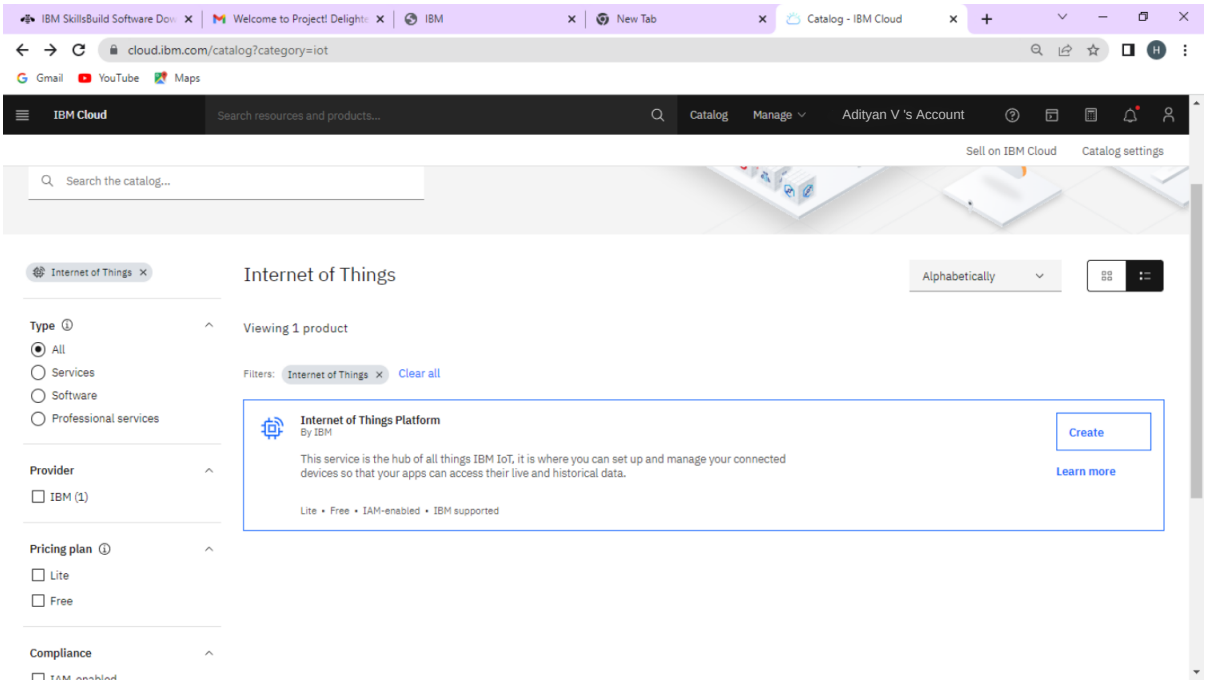
CREATE IBM WATSON IOT PLATFORM AND DEVICE

Date:	13 NOVEMBER 2022
Team ID:	PNT2022TMID53304
Project Name:	Industry-Specific Intelligent Fire Management System



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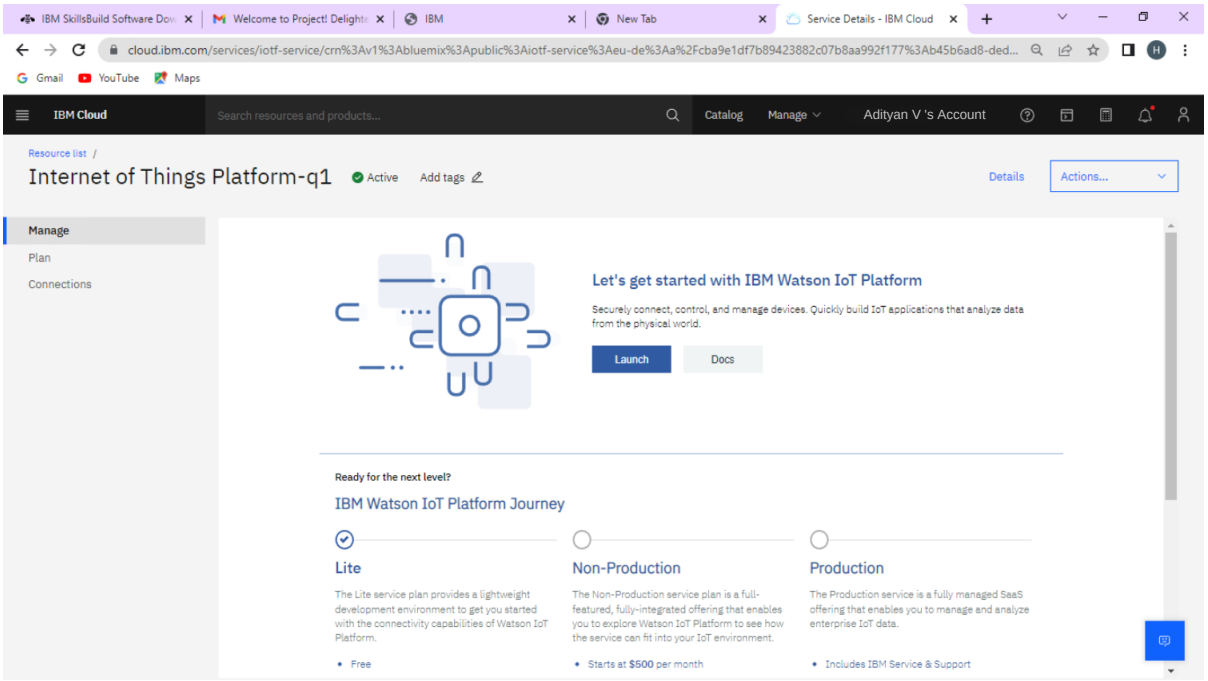
This service is the hub of all things IBM IoT, it is where you can set up and manage your connected devices so that your apps can access their live and historical data.
Lite • Free • IAM-enabled • IBM supported
Create
Learn more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IBM
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Service Details - IBM Cloud
cloud.ibm.com/services/iotf-service/crn%3Av1%3Abluemix%3Apublic%3Aiotf-service%3Aeu-de%3Aa%2Fcba9e1df7b89423882c07b8aa992f177%3Ab45b6ad8-ded...
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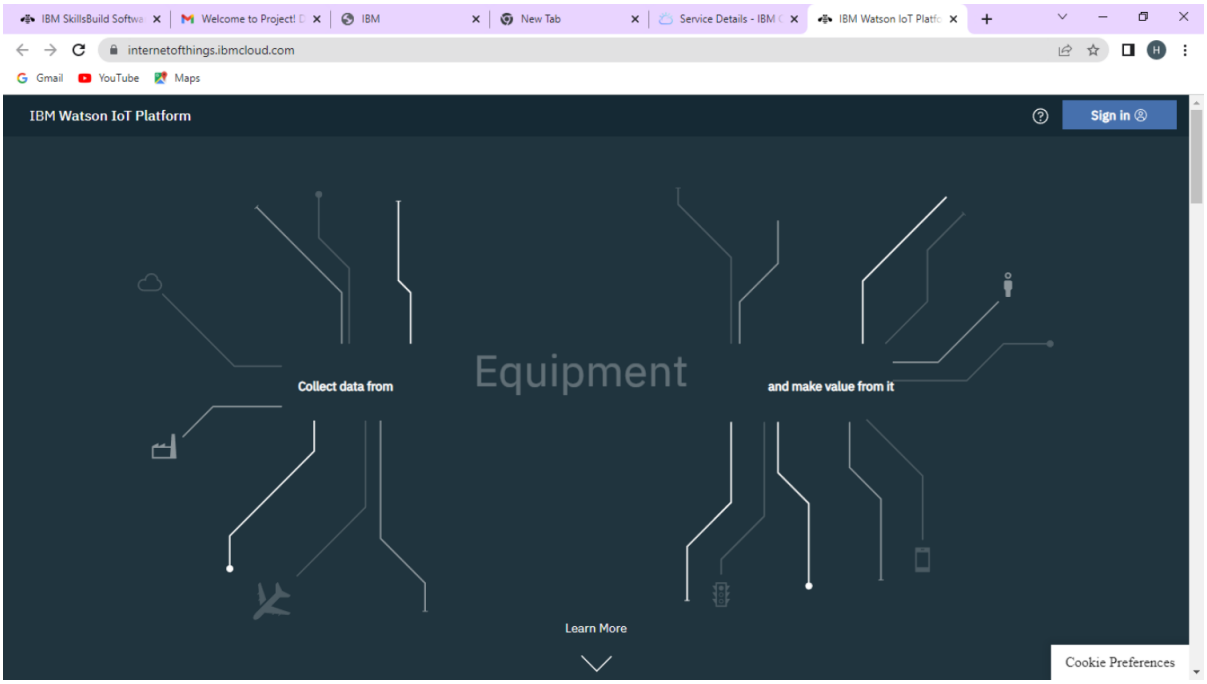
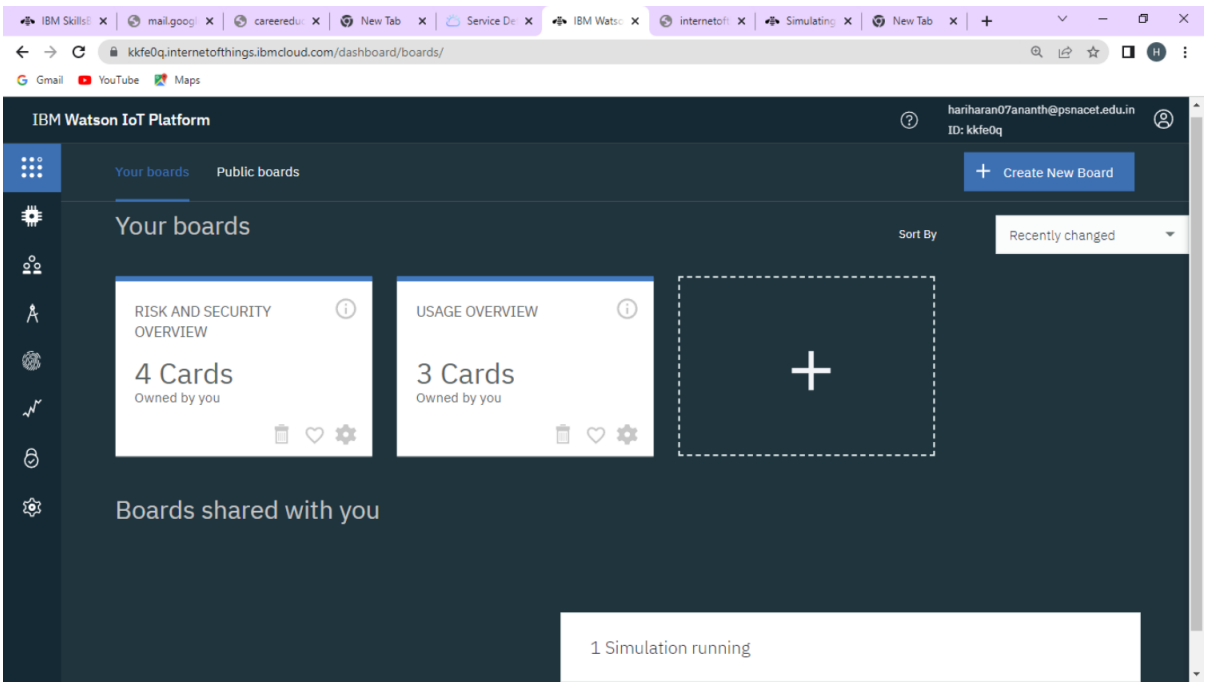
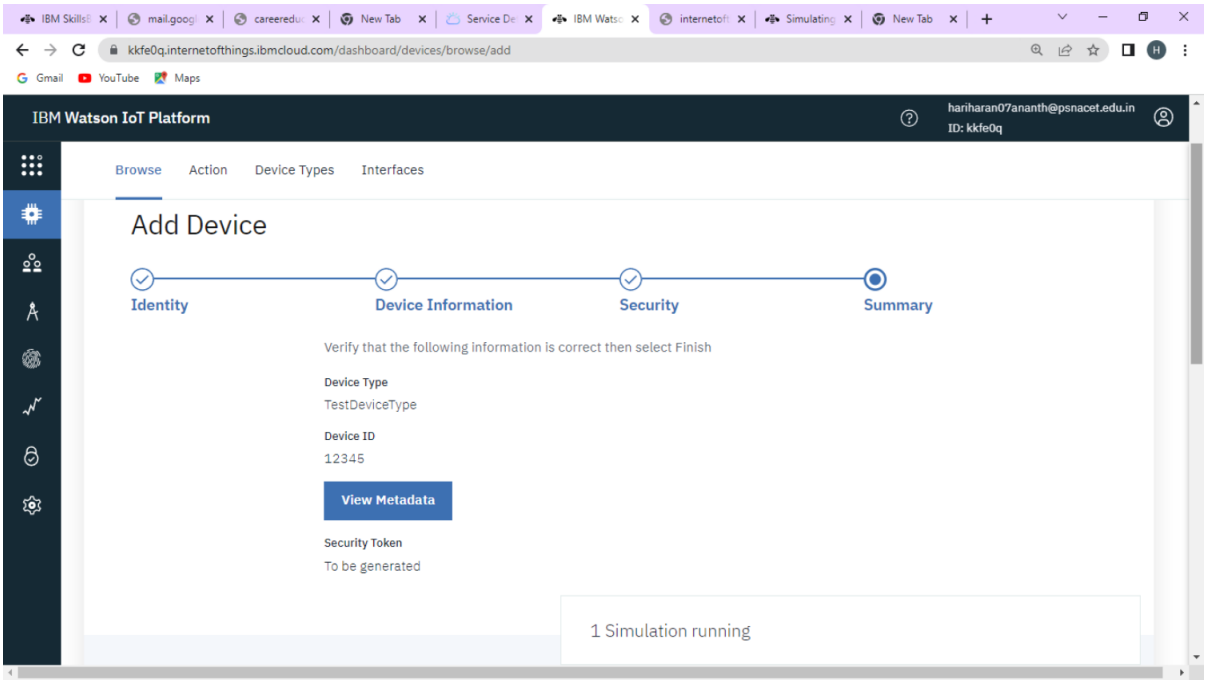
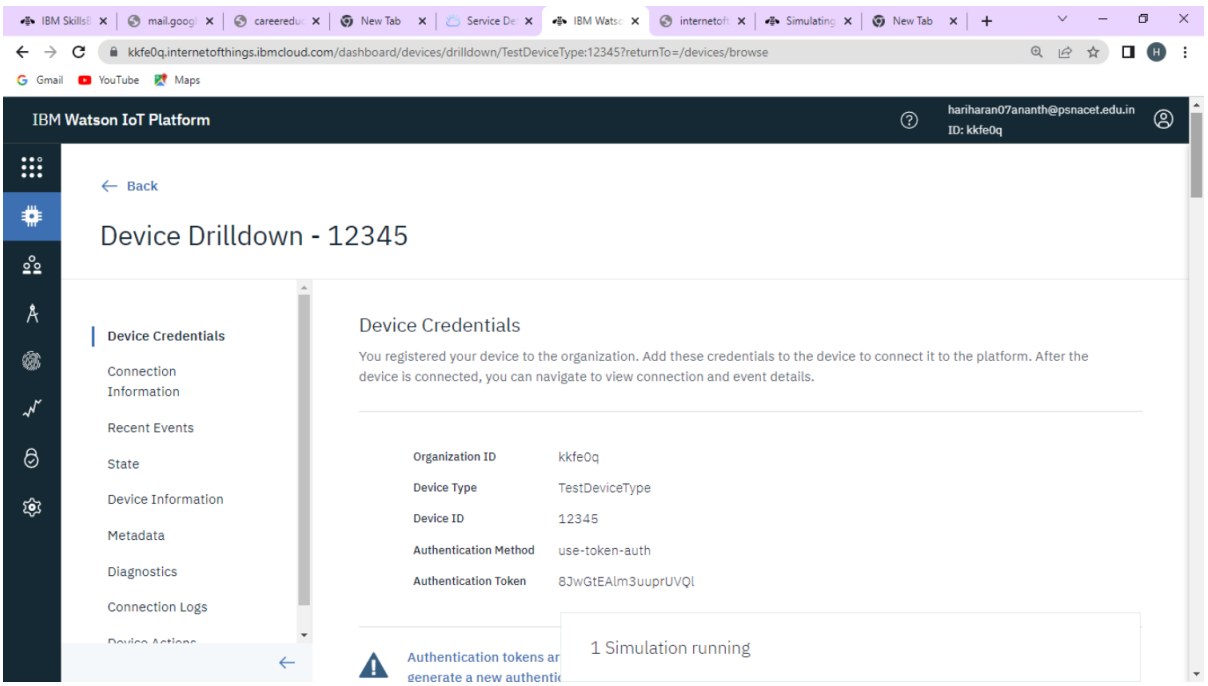
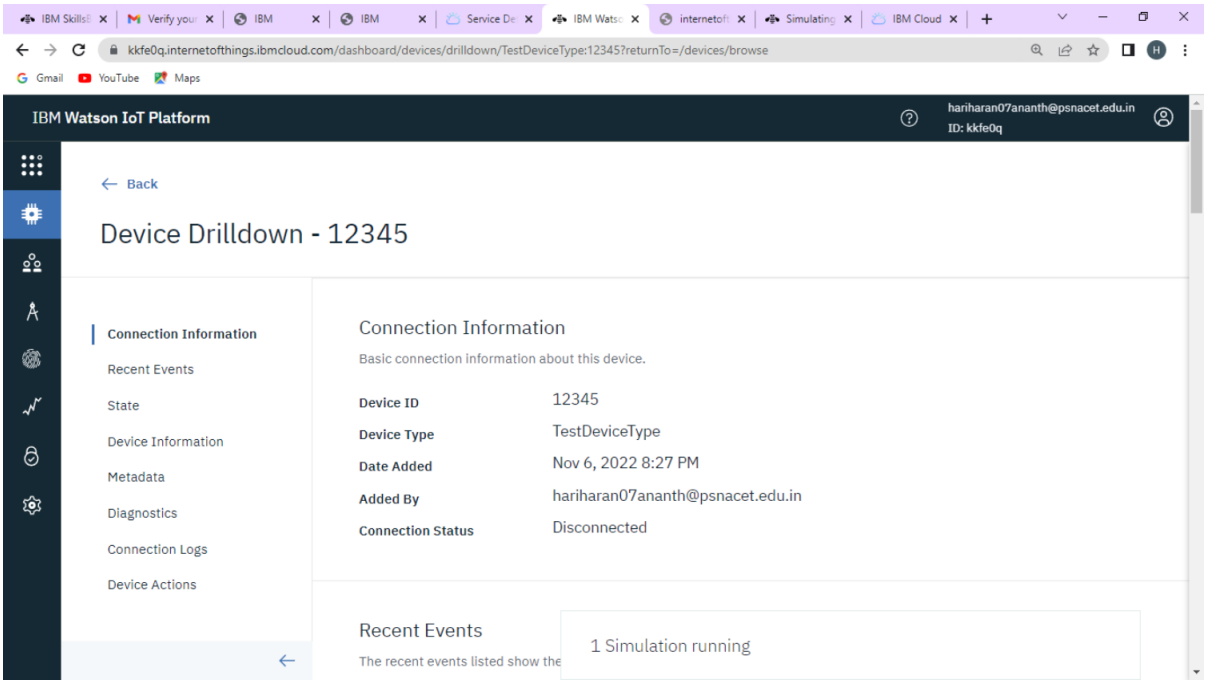
Search resources and products...
Catalog
Manage
Adityan V 's Account
Resource list /
Internet of Things Platform-q1
Active
Add tags
Details
Actions...
Manage
Plan
Connections
Let's get started with IBM Watson IoT Platform
Securely connect, control, and manage devices. Quickly build IoT applications that 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
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
Production
The Production service is a fully managed SaaS offering that enables you to manage and analyze enterprise IoT data.
Includes IBM Service & Support

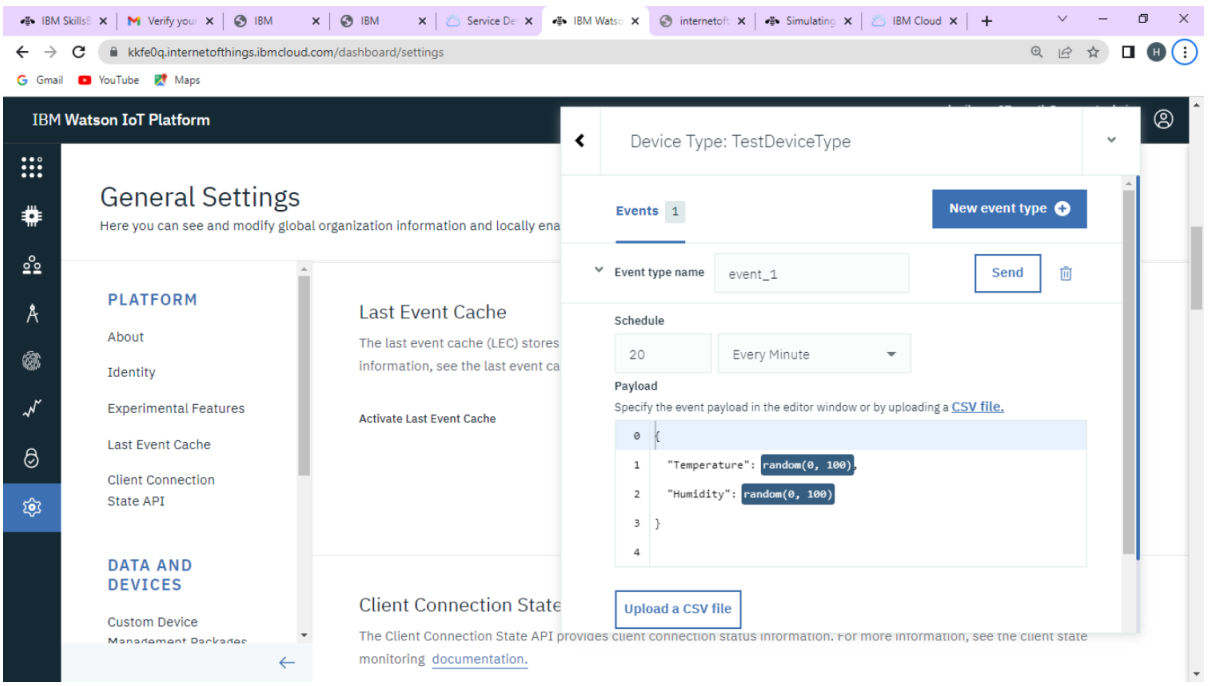

IBM Watson IoT Platform
Sign in
Collect data from
Equipment
and make value from it
Learn More
Cookie Preferences

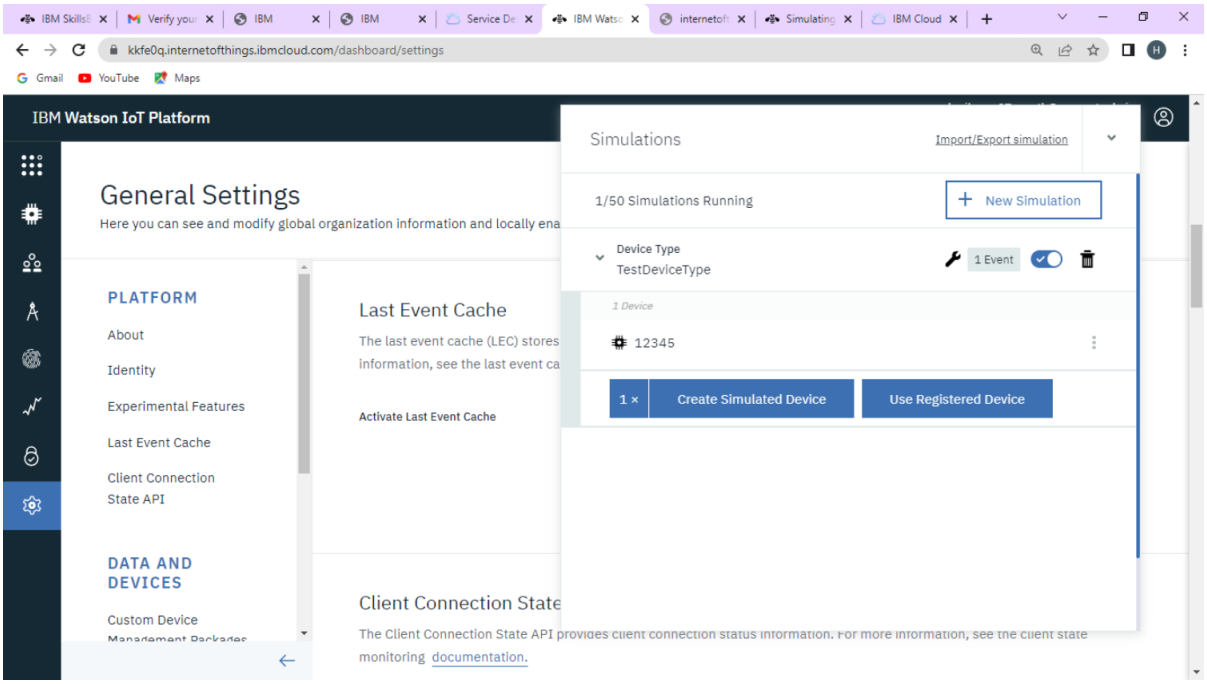

kkfe0q.internetofthings.ibmcloud.com/dashboard/boards/
IBM Watson IoT Platform
hariharan07ananth@psnacet.edu.in
ID: kkfe0q
Your boards
Public boards
Create New Board
Your boards
Sort By
Recently changed
RISK AND SECURITY OVERVIEW
4 Cards
Owned by you
USAGE OVERVIEW
3 Cards
Owned by you
Boards shared with you
1 Simulation running

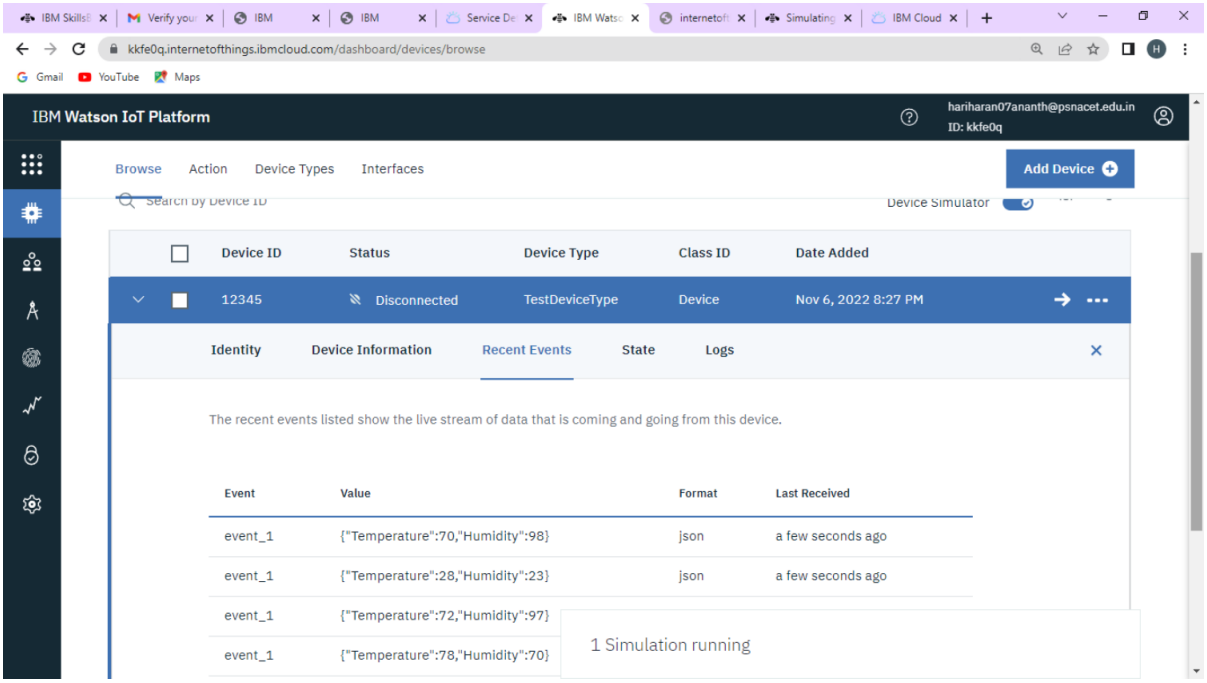

kkfe0q.internetofthings.ibmcloud.com/dashboard/devices/browse/add
IBM Watson IoT Platform
hariharan07ananth@psnacet.edu.in
ID: kkfe0q
Browse
Action
Device Types
Interfaces
Add Device
Identity
Device Information
Security
Summary
Verify that the following information is correct then select Finish
Device Type
TestDeviceType
Device ID
12345
View Metadata
Security Token
To be generated
1 Simulation running

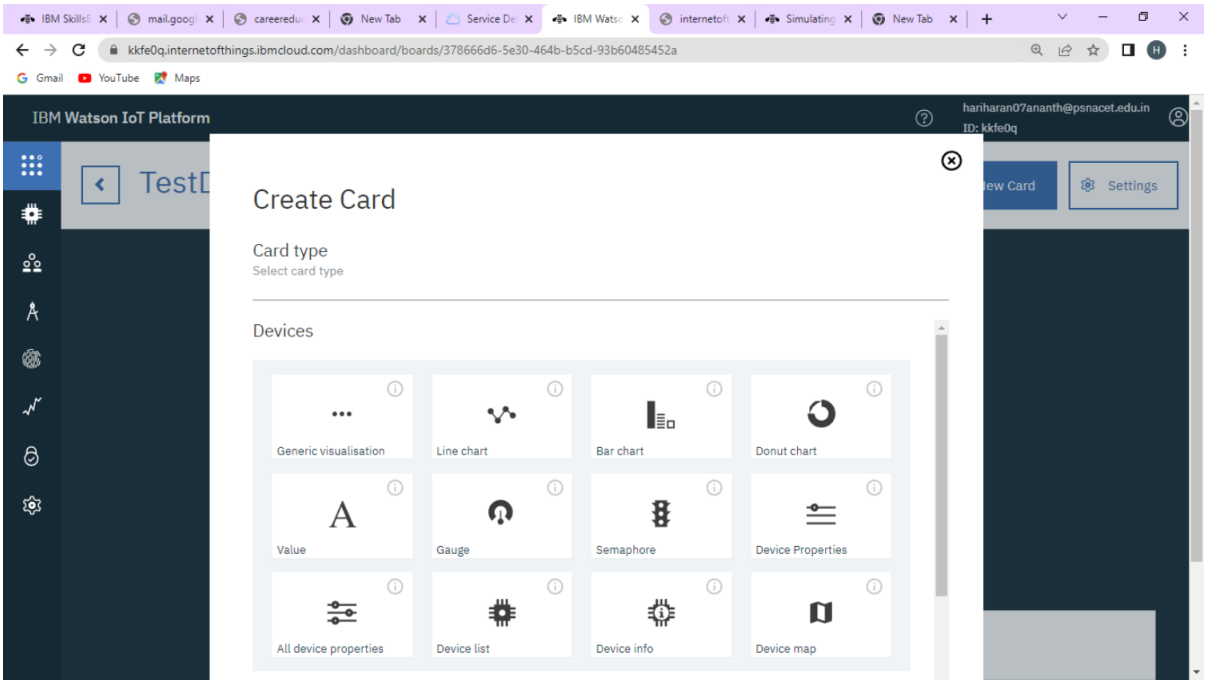

kkfe0q.internetofthings.ibmcloud.com/dashboard/devices/drilldown/TestDeviceType:12345?returnTo=/devices/browse
IBM Watson IoT Platform
hariharan07ananth@psnacet.edu.in
ID: kkfe0q
Back
Device Drilldown - 12345
Device Credentials
Connection Information
Recent Events
State
Device Information
Metadata
Diagnostics
Connection Logs
Device Credentials
You registered your device to the organization. Add these credentials to the device to connect it to the platform. After the device is connected, you can navigate to view connection and event details.
Organization ID
kkfe0q
Device Type
TestDeviceType
Device ID
12345
Authentication Method
use-token-auth
Authentication Token
8JwGtEAlm3uuprUVQl
1 Simulation running

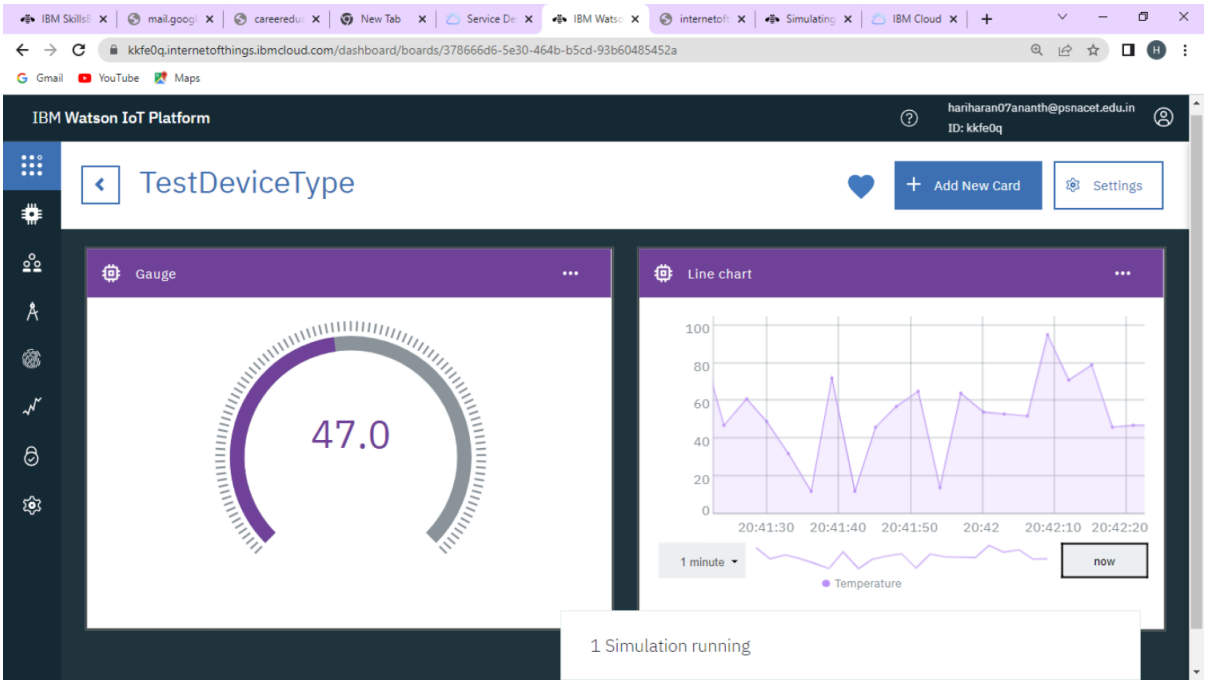

IBM Watson IoT Platform
hariharan07ananth@psnacet.edu.in
ID: kkfe0q
Back
Device Drilldown - 12345
Connection Information
Recent Events
State
Device Information
Metadata
Diagnostics
Connection Logs
Device Actions
Connection Information
Basic connection information about this device.
Device ID 12345
Device Type TestDeviceType
Date Added Nov 6, 2022 8:27 PM
Added By hariharan07ananth@psnacet.edu.in
Connection Status Disconnected
Recent Events
1 Simulation running


IBM Watson IoT Platform
General Settings
PLATFORM
About
Identity
Experimental Features
Last Event Cache
Client Connection State API
DATA AND DEVICES
Custom Device
Last Event Cache
Activate Last Event Cache
Client Connection State
Device Type: TestDeviceType
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.
{
"Temperature": random(0, 100),
"Humidity": random(0, 100)
}
Upload a CSV file


kkfe0q.internetofthings.ibmcloud.com/dashboard/settings
IBM Watson IoT Platform
Simulations
Import/Export simulation
1/50 Simulations Running
New Simulation
Device Type
TestDeviceType
1 Event
1 Device
12345
1 ×
Create Simulated Device
Use Registered Device
General Settings
Here you can see and modify global organization information and locally ena
PLATFORM
About
Identity
Experimental Features
Last Event Cache
Client Connection State API
DATA AND DEVICES
Custom Device
Last Event Cache
Activate Last Event Cache
Client Connection State
The Client Connection State API provides client connection status information. For more information, see the client state monitoring documentation.


kkfe0q.internetofthings.ibmcloud.com/dashboard/devices/browse
IBM Watson IoT Platform
hariharan07ananth@psnacet.edu.in
ID: kkfe0q
Browse
Action
Device Types
Interfaces
Add Device
Device Simulator
Device ID
Status
Device Type
Class ID
Date Added
12345
Disconnected
TestDeviceType
Device
Nov 6, 2022 8:27 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
{"Temperature":70,"Humidity":98}
json
a few seconds ago
event_1
{"Temperature":28,"Humidity":23}
json
a few seconds ago
event_1
{"Temperature":72,"Humidity":97}
event_1
{"Temperature":78,"Humidity":70}
1 Simulation running





Result:

An IBM Watson cloud for IoT and a device is created successfully.