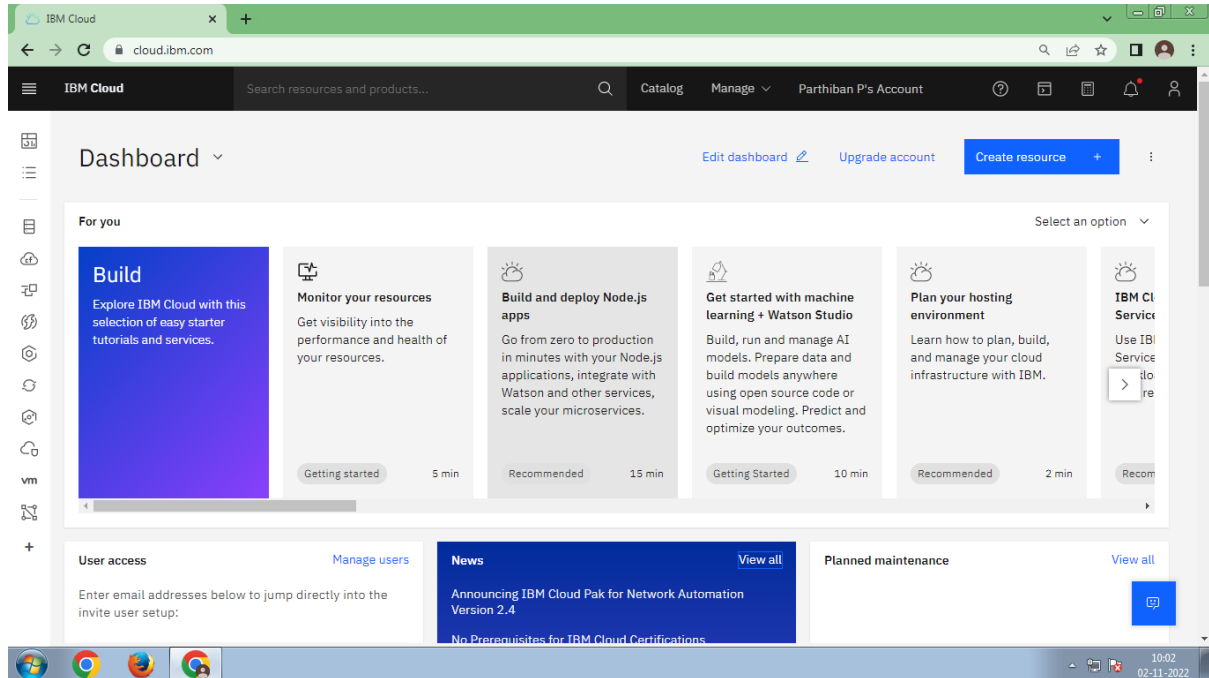
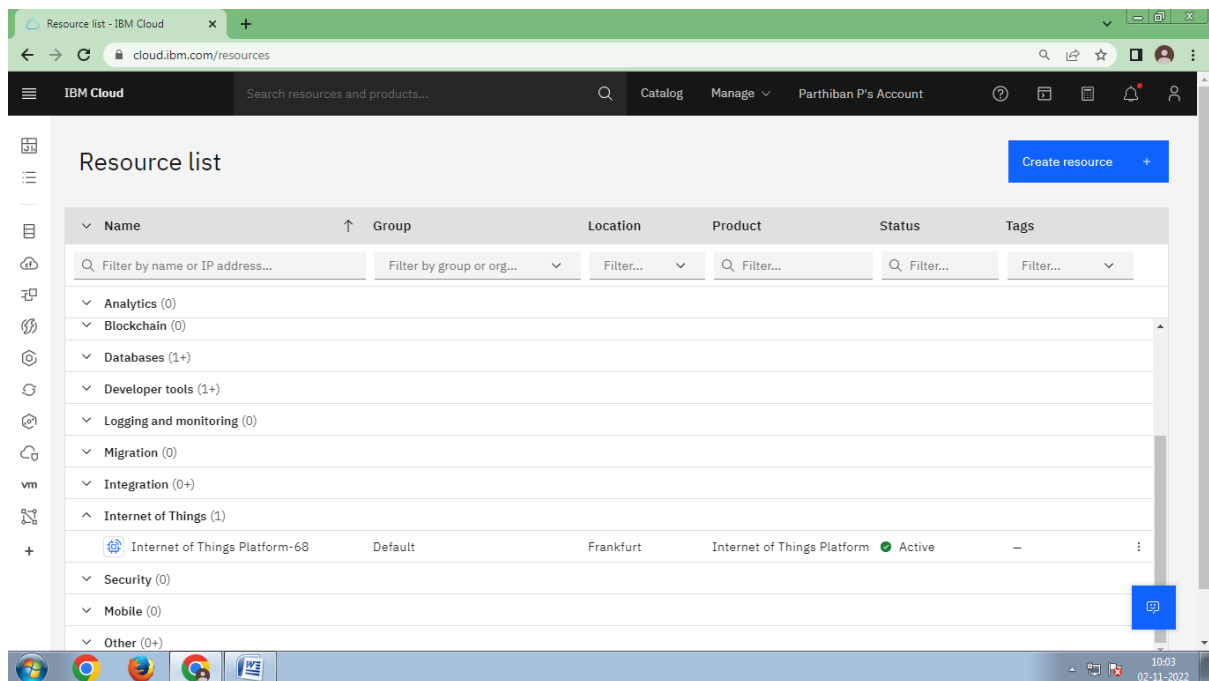


<b>Date:</b>	2 NOVEMBER 2022
<b>Team ID:</b>	PNT2022TMID05277
<b>Project Name:</b>	GAS LEAKAGE MONITORING AND ALERTING SYSTEM FOR INDUSTRIES



The screenshot shows the IBM Cloud Dashboard. The top navigation bar includes the IBM Cloud logo, a search bar, and links to Catalog, Manage, and the user's account (Parthiban P's Account). The main content area is titled "Dashboard" and features a "For you" section with several recommended actions: "Build", "Monitor your resources", "Build and deploy Node.js apps", "Get started with machine learning + Watson Studio", "Plan your hosting environment", and "IBM Cloud Service". Below this, there are sections for "User access", "News" (announcing IBM Cloud Pak for Network Automation Version 2.4), and "Planned maintenance".



The screenshot shows the IBM Cloud Resource list page. The top navigation bar is similar to the dashboard. The main content area is titled "Resource list" and features a "Create resource" button. Below this is a table with columns: Name, Group, Location, Product, Status, and Tags. The table lists various resources, including "Internet of Things Platform-68" which is currently "Active".

Name	Group	Location	Product	Status	Tags
Internet of Things Platform-68	Default	Frankfurt	Internet of Things Platform	Active	-

Catalog - IBM Cloud

cloud.ibm.com/catalog?category=iot#services

IBM Cloud Search resources and products...

Search the catalog...

Sell on IBM Cloud Catalog settings

Internet of Things

Alphabetically

Type

- All
- Services
- Software
- Professional services

Provider

- IBM (1)

Pricing plan

- Lite
- Free

Viewing 1 product

Filters: Internet of Things Services Clear all

**Internet of Things Platform**  
By IBM

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

Service Details - IBM Cloud

cloud.ibm.com/services/iot-service/crm%3Av1%3Abluemix%3Apublic%3Aioth-service%3Aeu-gb%3Aa%2F52078b2d31f64d2b86b5579c06cb5a48%3A07879472-8b...

IBM Cloud Search resources and products...

Resource list /

Internet of Things Platform-xl Active Add tags

Details Actions...

Manage

- Plan
- Connections

**Let's get started with IBM Watson IoT Platform**

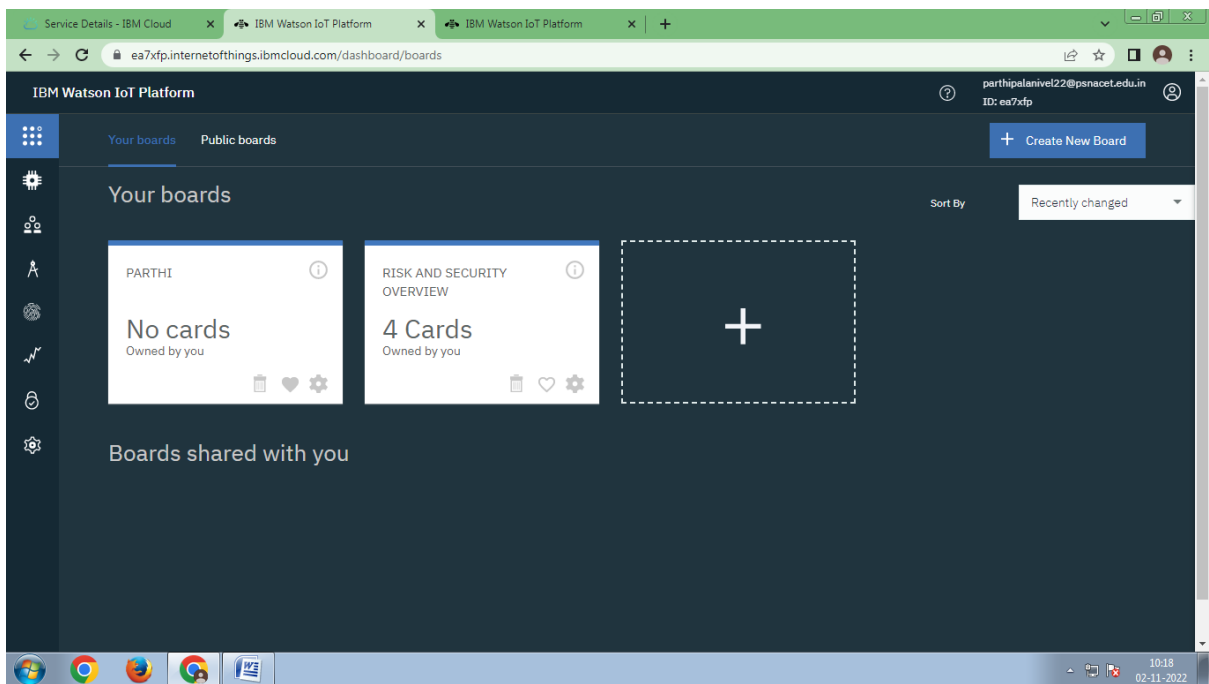
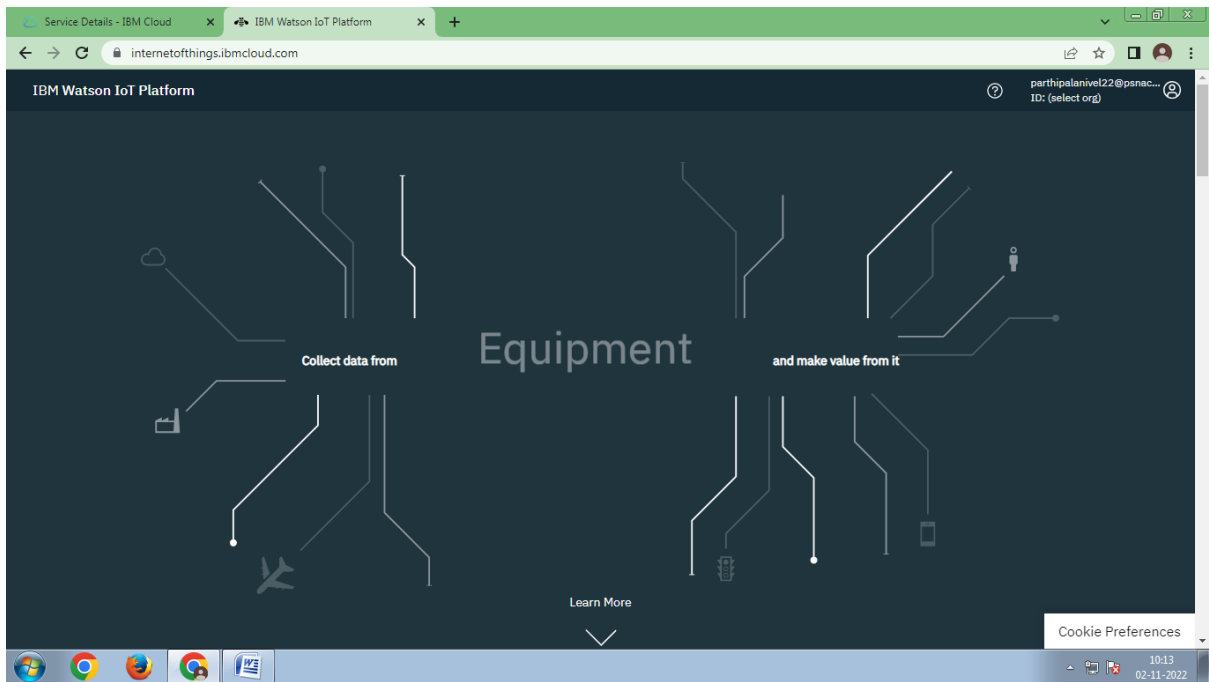
Securely connect, control, and manage devices. Quickly build IoT applications that analyze data from the physical world.

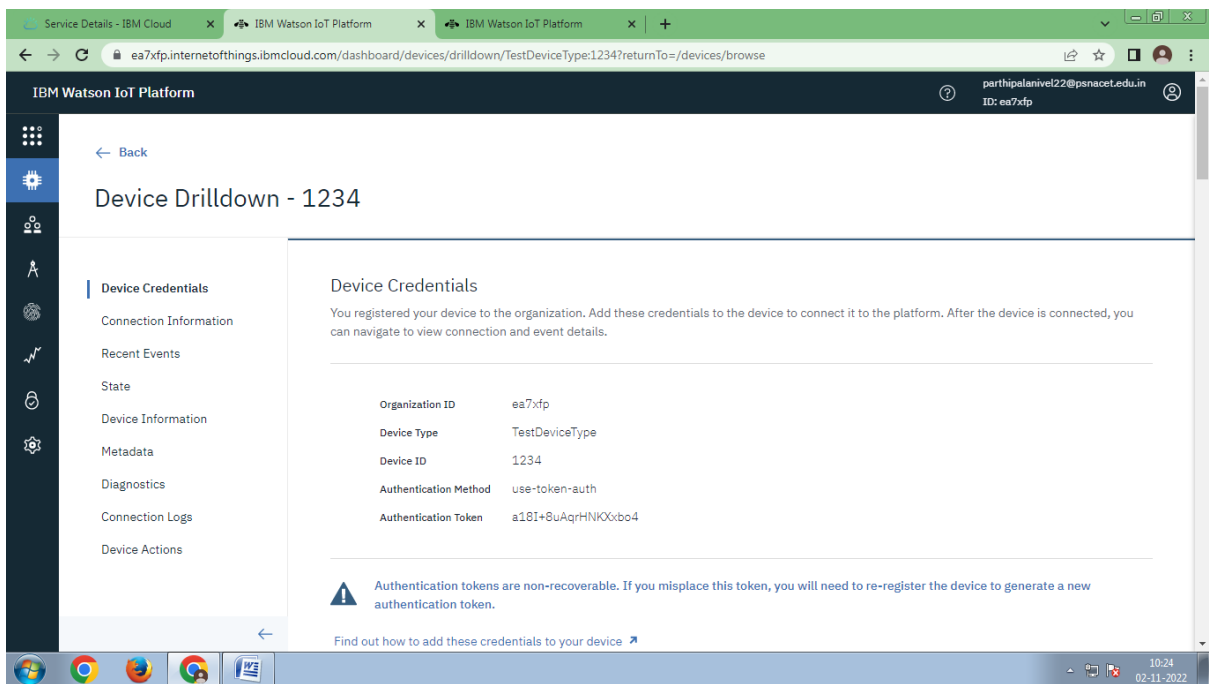
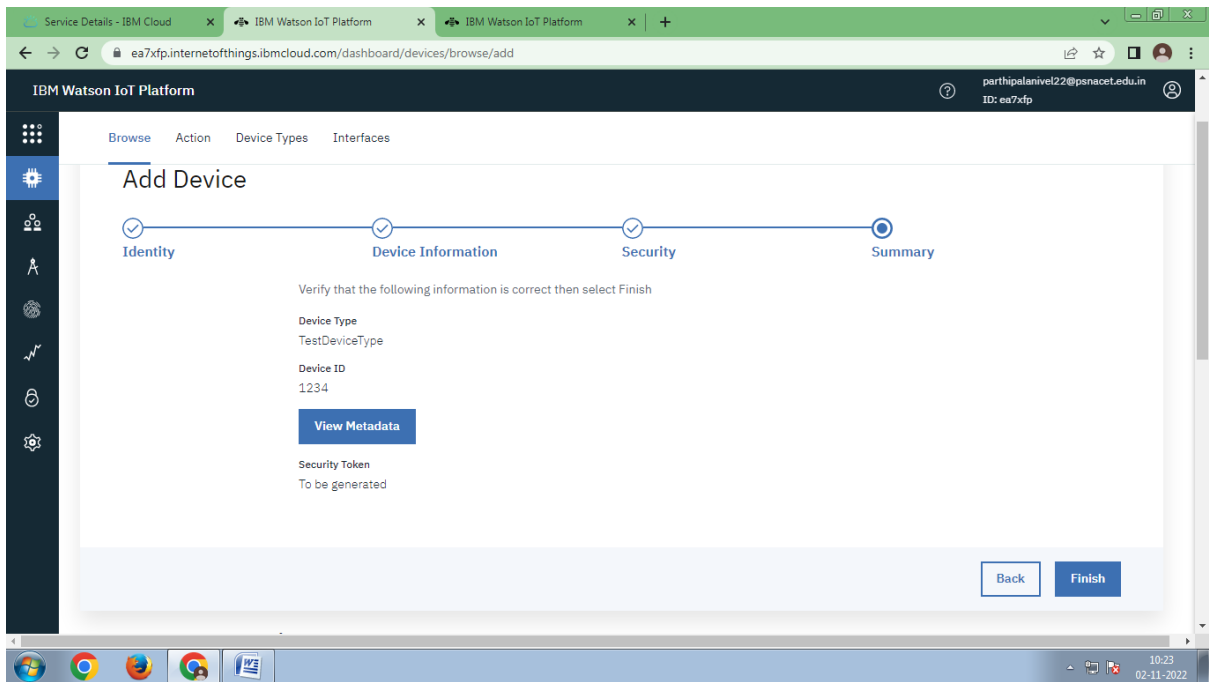
Launch Docs

Ready for the next level?

**IBM Watson IoT Platform Journey**

- Lite**  
The Lite service plan provides a lightweight development environment to get you started
- Non-Production**  
The Non-Production service plan is a full-featured, fully-integrated offering that enables
- Production**  
The Production service is a fully managed SaaS offering that enables you to manage and analyze





Service Details - IBM Cloud x IBM Watson IoT Platform x IBM Watson IoT Platform x +

ea7xftp.internetofthings.ibmcloud.com/dashboard/devices/drilldown/TestDeviceType:1234?returnTo=/devices/browse

IBM Watson IoT Platform parthipalanivel22@psnacet.edu.in ID: ea7xftp

← Back

## Device Drilldown - 1234

Device Credentials

**Connection Information**

Recent Events

State

Device Information

Metadata

Diagnostics

Connection Logs

Device Actions

Device ID 1234

Device Type TestDeviceType

Date Added Nov 2, 2022 10:24 AM

Added By parthipalanivel22@psnacet.edu.in

Connection Status Disconnected

### Recent Events

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

Event	Value	Format	Last Received
-------	-------	--------	---------------

Service Details - IBM Cloud x IBM Watson IoT Platform x +

ea7xftp.internetofthings.ibmcloud.com/dashboard/settings

IBM Watson IoT Platform

## General Settings

Here you can see and modify global organization information and locally enable experimental W

**PLATFORM**

About

Identity

Experimental Features

**Last Event Cache**

Client Connection State API

**DATA AND DEVICES**

Custom Device Management Packages

Device Simulator

### Client Connection State API

The Client Connection State API provides client conn  
[documentation.](#)

Activate Client Connection State API ☐

### Custom Device Management Packages

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.

```
0 {
1   "temperature": random(0, 100)
2   "humidity": random(0, 100)
3 }
4
```

**Upload a CSV file**

**Cancel** **Save**

Service Details - IBM Cloud x IBM Watson IoT Platform x +

ea7xfp.internetofthings.ibmcloud.com/dashboard/settings

### IBM Watson IoT Platform

## General Settings

Here you can see and modify global organization information and locally enable experimental W

#### PLATFORM

- About
- Identity
- Experimental Features
- Last Event Cache**
- Client Connection State API

#### DATA AND DEVICES

- Custom Device Management Packages
- Device Simulator

### Client Connection State API

The Client Connection State API provides client conn  
[documentation.](#)

Activate Client Connection State API ☐

### Simulations

Import/Export simulation

1/50 Simulations Running [+ New Simulation](#)

Device Type TestDeviceType [1 Event](#) ☒ [🗑](#)

1 Device

1234

1 x [Create Simulated Device](#) [Use Registered Device](#)

Custom Device Management Packages

10:59 02-11-2022

Service Details - IBM Cloud x IBM Watson IoT Platform x +

ea7xfp.internetofthings.ibmcloud.com/dashboard/devices/browse

### IBM Watson IoT Platform

parthipelanivel22@psnacet.edu.in ID: ea7xfp

Browse Action Device Types Interfaces [Add Device +](#)

Delete [🗑](#) 1 item selected [Cancel](#)

Device ID	Status	Device Type	Class ID	Date Added	
1234	Disconnected	TestDeviceType	Device	Nov 2, 2022 10:24 AM	→ ...

#### Identity

#### Device Information

#### Recent Events

#### State

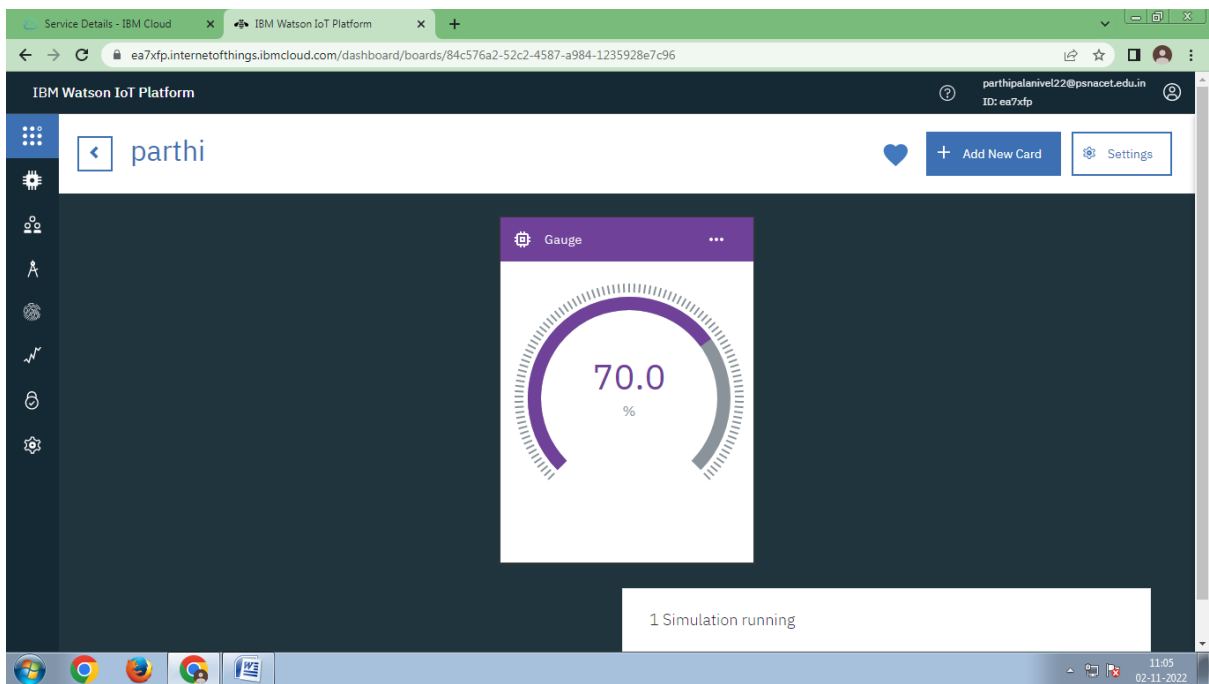
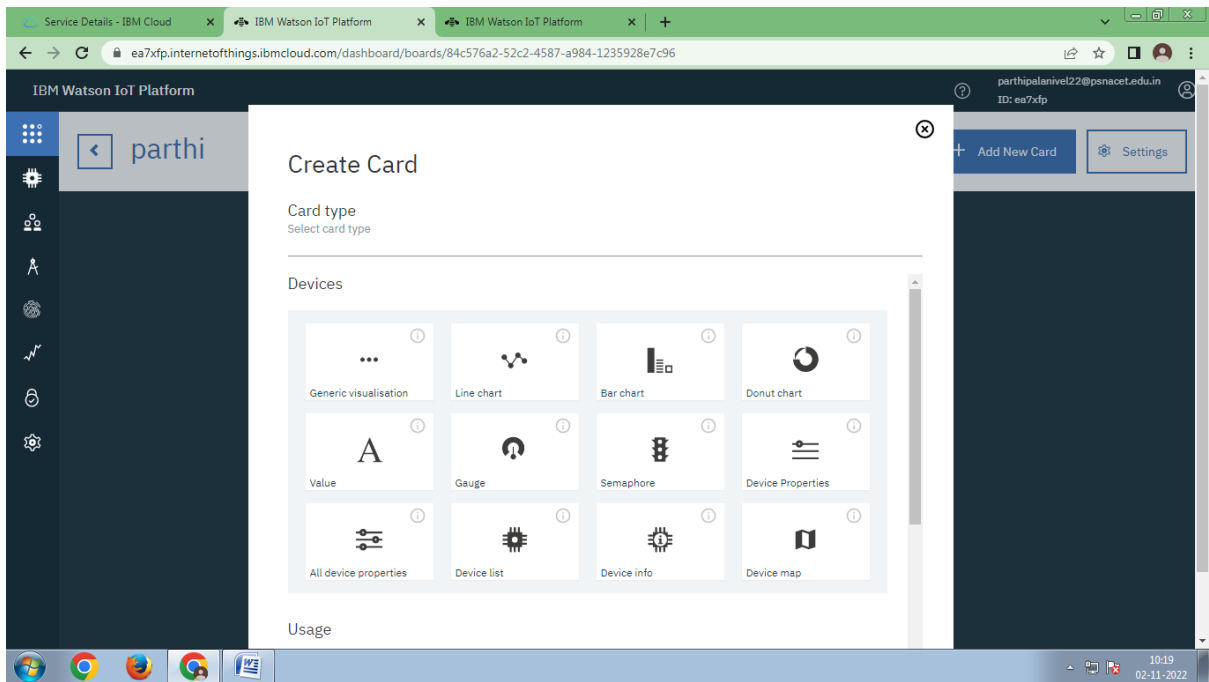
#### Logs

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	{"temperature":37,"Humidity":52}	json	a few seconds ago
event_1	{"temperature":65,"Humidity":36}	json	a few seconds ago
event_1	{"temperature":57,"Humidity":8}	json	a few seconds ago
event_1	{"temperature":17,"Humidity":65}	json	a few seconds ago

1 Simulation running

11:00 02-11-2022



**Result:**

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