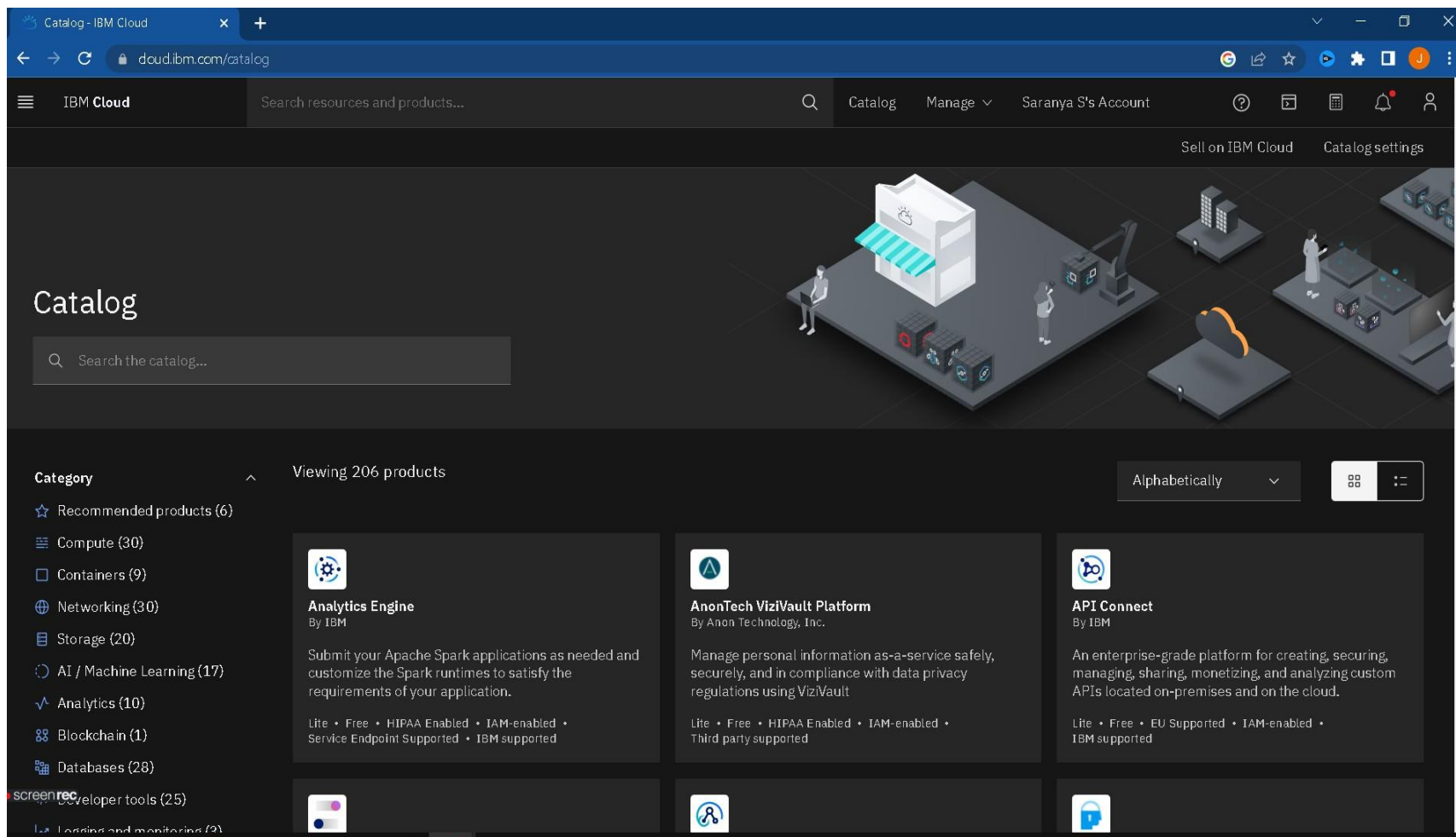


## Sprint 1

Date	19 November 2022
Team id	PNT2022TMID20430
Project Name	IoT Based smart crop Protection system for agriculture
Maximum mark	20 marks

### Step 1: Create IBM cloud



## Step 2: Creation

The screenshot displays the IBM Cloud Object Storage creation interface. The main content area lists three pricing plans: Lite, Standard, and One Rate. The Lite plan is highlighted as the selected option. The configuration section shows the service name as 'Cloud Object Storage-sk' and the resource group as 'Default'. A summary sidebar on the right provides a quick overview of the configuration, including the plan name, region, and status. The status is currently 'Creating...'.

Plan	Description	Link
Lite	Only one Lite plan instance is allowed per account. The Lite plan instance includes up to 25 GB of storage capacity; 2,000 Class A (PUT, COPY, POST, and LIST) requests; 20,000 Class B (GET and all others) requests; 10 GB of data retrieval; 5GB of egress (public outbound bandwidth) each month. These thresholds apply to the aggregate total across all storage class buckets. Lite plan services are deleted after 30 days of inactivity.	
Standard	Standard plan is our most popular Pay-as-You-Go pricing plan. There is no minimum fee. This plan meets the requirements of most of the enterprise workloads.	<a href="#">View storage class pricing</a>
One Rate	One Rate plan offers a flat monthly charge that includes capacity, and built-in allowances for outbound bandwidth and data access. It is best suited for active workloads with large amounts of outbound bandwidth as a percent of their storage capacity.	<a href="#">View storage class pricing</a>

**Configure your resource**

Service name:

Select a resource group:

Tags:

**Summary**

**Cloud Object Storage** **Free**

Region: Global  
Plan: Life  
Service name: Cloud Object Storage-sk  
Resource group: Default

Creating...

[Add to estimate](#)

[View terms](#)

## Step 3: Creating IBM Watson iot platform

The screenshot displays the IBM Watson IoT Platform dashboard. The top navigation bar shows the user's email '731619106037@smartinternz.com' and ID 'gtlwge'. The main content area is titled 'Your boards' and features two existing boards: 'USAGE OVERVIEW' with 3 cards and 'RISK AND SECURITY OVERVIEW' with 4 cards. A dashed box with a large plus sign indicates where to click to create a new board. The sidebar on the left contains various navigation icons. At the bottom right, a status bar indicates '0 Simulations running'.

## Step 4: Device credentials information

The screenshot shows the IBM Watson IoT Platform interface. The browser address bar displays the URL: `prcaq4.internetofthings.ibmcloud.com/dashboard/devices/drilldown/IOT:15072002?returnTo=/devices/browse`. The page title is "Device Drilldown - 15072002". A left sidebar contains navigation links: "Device Credentials" (selected), "Connection Information", "Recent Events", "State", "Device Information", "Metadata", "Diagnostics", "Connection Logs", and "Device Actions". The main content area is titled "Device Credentials" and includes a descriptive paragraph: "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." Below this is a table of credentials:

Organization ID	prcaq4
Device Type	IOT
Device ID	15072002
Authentication Method	use-token-auth
Authentication Token	1911113abcdefgh

Below the table, a warning icon and text state: "Authentication tokens are non-recoverable. If you misplace this token, you will need to re-register the device to generate a new authentication token." A link "Find out how to add these credentials to your device" is provided. At the bottom of the main content area, the "Connection Information" section is partially visible.

## Step 5: Device added in IBM Watson IoT platform

The screenshot displays the IBM Watson IoT Platform dashboard in a web browser. The URL is `prcaq4.internetofthings.ibmcloud.com/dashboard/devices/browse`. The user is logged in as `1911113@nec.edu.in` with ID `prcaq4`. The dashboard shows a table of devices with the following columns: Device ID, Status, Device Type, Class ID, and Date Added. A single device is listed with ID `15072002`, Status `Disconnected`, Device Type `IOT`, Class ID `Device`, and Date Added `Nov 12, 2022 11:54 AM`. A sidebar on the left contains icons for various functions. A detailed view of the selected device is shown below the table, including fields for Device ID, Device Type, Date Added, Added By, and Connection Status. The Connection Status is `Disconnected` with additional details: Last Connected: Nov 12, 2022 12:09 PM, Client Address: 50.31.197.64 Insecure, Duration: a few seconds, and Data Transferred: 427 B. The bottom of the screen shows a Windows taskbar with several open applications and a system tray displaying the date and time as 11:50 AM on 11/19/2022.

IBM Watson IoT Platform

1911113@nec.edu.in  
ID: prcaq4

Browse Action Device Types Interfaces Add Device +

Device ID	Status	Device Type	Class ID	Date Added
15072002	Disconnected	IOT	Device	Nov 12, 2022 11:54 AM

Identity Device Information Recent Events State Logs

Device ID 15072002

Device Type IOT

Date Added Nov 12, 2022 11:54 AM

Added By 1911113@nec.edu.in

Connection Status Disconnected  
Last Connected: Nov 12, 2022 12:09 PM  
Client Address: 50.31.197.64 Insecure  
Duration: a few seconds  
Data Transferred: 427 B

Items per page 50 | 1-1 of 1 item 1 of 1 page 1

Milestone & Acti...docx Sprint - 2 (1).docx Sprint - 2.docx Sprint - 2.pdf 1911113.png Show all

Type here to search

ENG 11:50 AM  
IN 11/19/2022