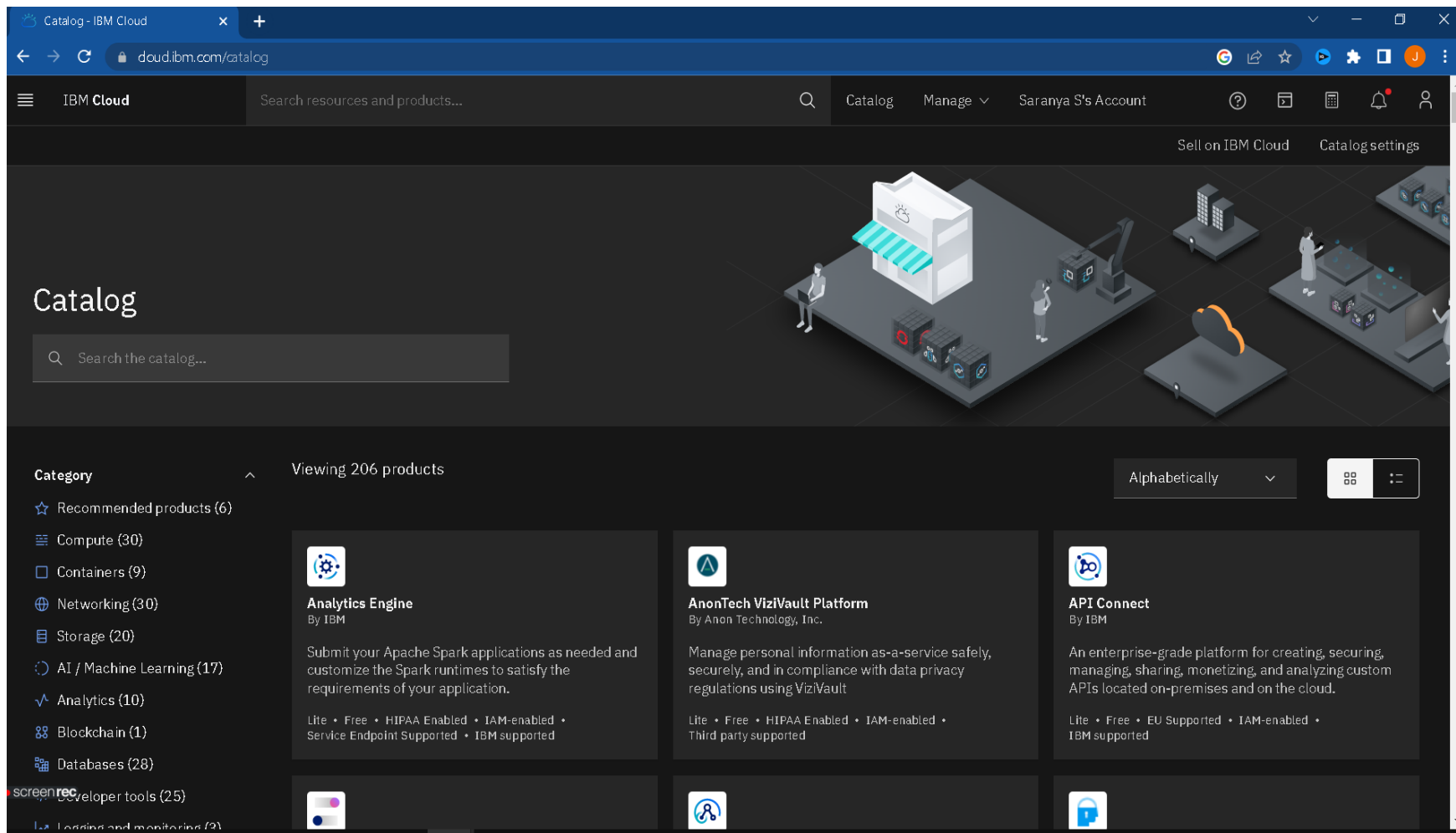


## Sprint 1

Date	9 November 2022
Team id	PNT2022TMID32051
Project Name	IoT Based smart crop Protection system for agriculture
Maximum mark	20 marks

### Step 1: Create IBM cloud



## Step 2: Creation

Cloud Object Storage - IBM Cloud

Search resources and products...

Catalog Manage Saranya S's Account

Summary

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

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

Creating...

Add to estimate

View terms

Configure your resource

Service name: Cloud Object Storage-sk

Select a resource group: Default

Tags: Example: env:dev, version:1

Waiting for cloud.ibm.com...

10:27 07-11-2022

## Step 3: Creating IBM Watson iot platform

The screenshot displays the IBM Watson IoT Platform dashboard. The browser address bar shows the URL: `gtlwge.internetofthings.ibmcloud.com/dashboard/boards`. The page title is "IBM Watson IoT Platform". The user is logged in as "731619106037@smartinternz.com" with ID "gtlwge".

The main section is titled "Your boards" and includes a "Create New Board" button. Below this, there are two boards:

- USAGE OVERVIEW**: 3 Cards, Owned by you. It includes icons for delete, favorite, and settings.
- RISK AND SECURITY OVERVIEW**: 4 Cards, Owned by you. It includes icons for delete, favorite, and settings.

A dashed box with a large "+" sign indicates where to click to create a new board. A "Sort By" dropdown menu is set to "Recently changed".

At the bottom, a status bar indicates "0 Simulations running".

## Step 4: Device credentials information



The screenshot shows a web interface for a device. The title is 'Device Drilldown - 12345'. On the left is a sidebar with a vertical list of menu items: 'Device Credentials' (highlighted), 'Connection Information', 'Recent Events', 'State', 'Device Information', 'Metadata', 'Diagnostics', 'Connection Logs', and 'Device Actions'. The main content area is titled 'Device Credentials' and contains a 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 connection and event details.' Below this is a table with the following data:

Organization ID	gtlwge
Device Type	NodeMCU
Device ID	12345
Authentication Method	use-token-auth
Authentication Token	12345678

Below the table is a warning icon (exclamation mark in a triangle) followed by the text: 'Authentication tokens are non-recoverable. If you misplace this token, you will need to re-register the device to generate a new authentication token.' At the bottom, there is a link: 'Find out how to add these credentials to your device.' with an external link icon.

## Step 5: Device added in 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 features a table of devices. The first device, 'sbhavya78', is highlighted, and its details are shown in a modal window below the table. The details include the device ID, type, date added, added by, and connection status.

Search by Device ID

Device Simulator ☒

Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
sbhavya78	Disconnected	simulator_sensor	Device	Nov 9, 2022 11:12 PM	

Identity | Device Information | Recent Events | State | Logs

Device ID: sbhavya78

Device Type: simulator\_sensor

Date Added: Nov 9, 2022 11:12 PM

Added By: 731619106037@smartinternz.com

Connection Status: Disconnected

simulator\_sensor\_1 | Disconnected | simulator\_sensor | Device

0 Simulations running