

IBM WATSON IOT PLATFORM

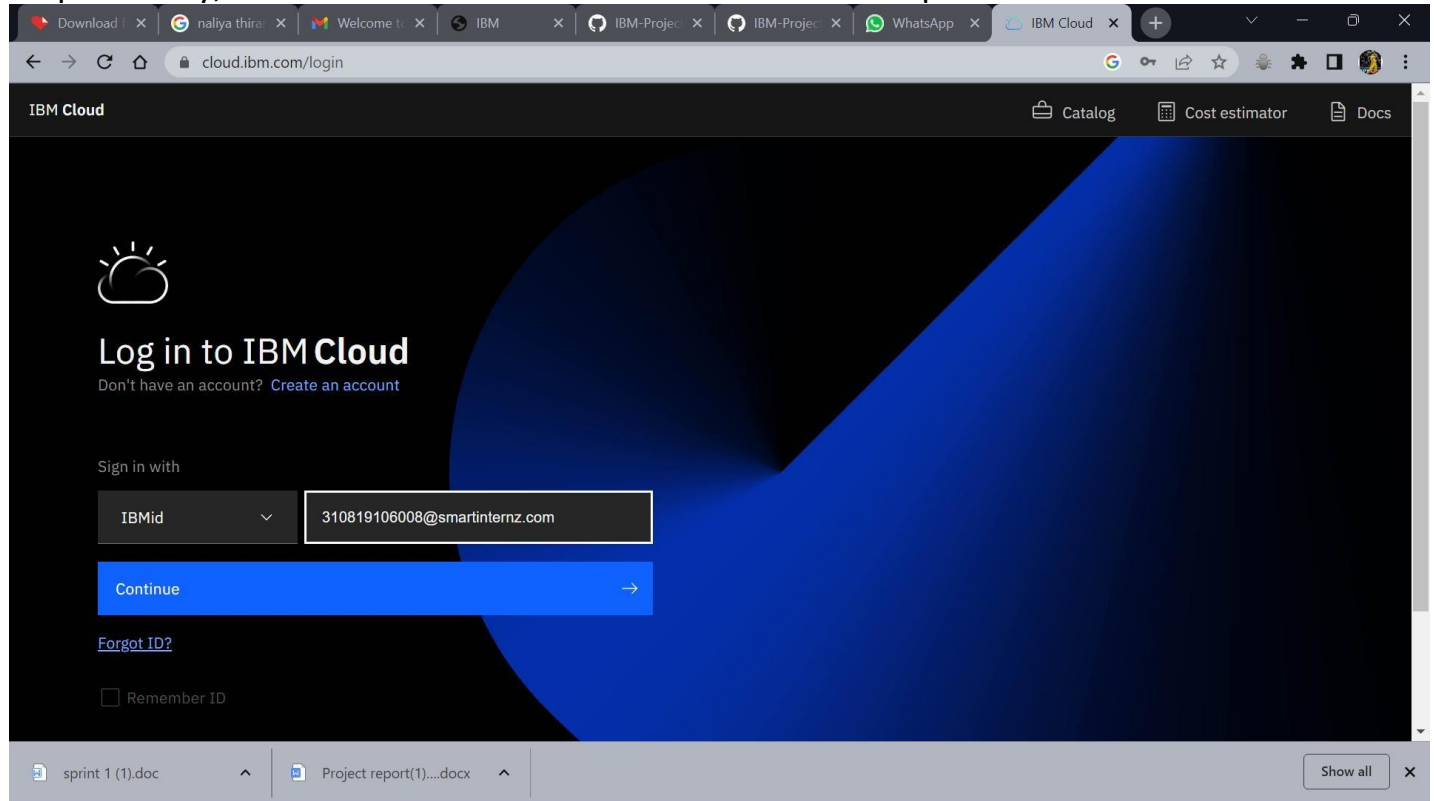
PROJECT NAME	GAS LEAKAGE MONITORING & ALERTING SYSTEM FOR INDUSTRIES
TEAM ID	PNT2022TMID27029
TEAM MEMBERS	1. ABDUL RAZZAQ S 2. AKASH B 3. AMALAN BOSCO A 4. ARISHRAAJ K G
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AIM:

To create the IBM Watson IoT platform and device.

Steps to be followed

Step 1: Firstly, create an IBM cloud account with IBM id and password.



The screenshot shows the IBM Cloud login page in a web browser. The browser's address bar displays 'cloud.ibm.com/login'. The page features the IBM Cloud logo and a 'Log in to IBM Cloud' heading. Below the heading, there is a link to 'Create an account' for users who do not have an account. The 'Sign in with' section shows 'IBMid' selected as the login method. The email address '310819106008@smartinternz.com' is entered in the adjacent field. A blue 'Continue' button is positioned below the email field. A 'Forgot ID?' link is located below the 'Continue' button. At the bottom left, there is a 'Remember ID' checkbox. The browser's taskbar at the bottom shows open files: 'sprint 1 (1).doc' and 'Project report(1)....docx'.

IBM Cloud

Catalog Cost estimator Docs

Log in to IBM Cloud

Don't have an account? [Create an account](#)

Sign in with

IBMid 310819106008@smartinternz.com

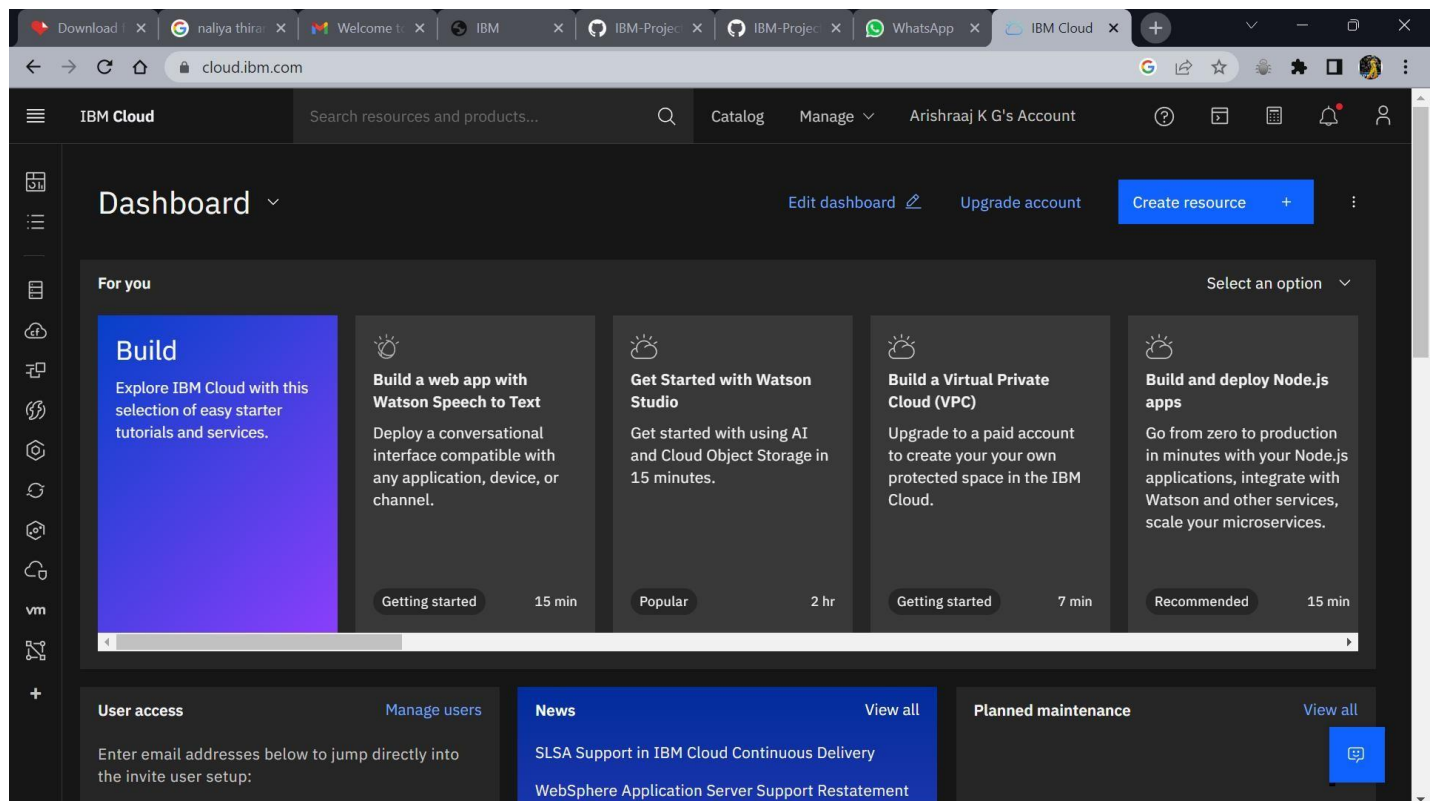
Continue

[Forgot ID?](#)

☐ Remember ID

sprint 1 (1).doc Project report(1)....docx Show all

Step 2: Home page of IBM cloud.



The screenshot displays 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 'Arishraaj K G's Account'. The main content area is titled 'Dashboard' and features a 'Create resource' button. Below this, there is a 'For you' section with five recommended actions: 'Build' (tutorials and services), 'Build a web app with Watson Speech to Text' (15 min), 'Get Started with Watson Studio' (2 hr), 'Build a Virtual Private Cloud (VPC)' (7 min), and 'Build and deploy Node.js apps' (15 min). The bottom section contains three tiles: 'User access' (Manage users), 'News' (View all), and 'Planned maintenance' (View all).

IBM Cloud

Search resources and products...

Catalog Manage Arishraaj K G's Account

Dashboard

Edit dashboard Upgrade account Create resource

For you

Select an option

Build
Explore IBM Cloud with this selection of easy starter tutorials and services.

Build a web app with Watson Speech to Text
Deploy a conversational interface compatible with any application, device, or channel.
Getting started 15 min

Get Started with Watson Studio
Get started with using AI and Cloud Object Storage in 15 minutes.
Popular 2 hr

Build a Virtual Private Cloud (VPC)
Upgrade to a paid account to create your your own protected space in the IBM Cloud.
Getting started 7 min

Build and deploy Node.js apps
Go from zero to production in minutes with your Node.js applications, integrate with Watson and other services, scale your microservices.
Recommended 15 min

User access Manage users
Enter email addresses below to jump directly into the invite user setup:

News View all
SLSA Support in IBM Cloud Continuous Delivery
WebSphere Application Server Support Restatement

Planned maintenance View all

Step 3: Click on IoT in the category mentioned.

The screenshot shows the IBM Cloud Catalog interface. The top navigation bar includes the IBM Cloud logo, a search bar, and links to Catalog, Manage, and the user's account (Arishraaj K G's Account). The main header displays 'Catalog' and a search bar. Below this, the 'Internet of Things' category is selected, showing 'Viewing 1 product'. The product listed is the 'Internet of Things Platform' by IBM, described as '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.' The pricing plan is 'Lite • Free • IAM-enabled • IBM supported'.

Step 4: If already a lite is present delete it else u can't create another.

The screenshot shows the IBM Cloud Catalog interface for the 'Internet of Things Platform' service. The page is titled 'Internet of Things Platform' and includes a 'Create' button. The 'Create' button is disabled, and an error message is displayed: 'Existing Lite plan instance'. The message states: 'You can have only 1 Lite plan instance of this service per resource group. [Delete](#) your current Lite plan instance in Default resource group to create a new one, or [view the existing instance](#).' Below the error message, there is a checkbox labeled 'I have read and agree to the following license agreements:' with a link to 'Terms'. The 'Create' button is still visible at the bottom right.

Step 5: Click on the launch button.

The screenshot shows the IBM Cloud IoT Platform console. The browser address bar displays the URL: `cloud.ibm.com/services/iotf-service/crn%3Av1%3Abluemix%3Apublic%3Aaiof-service%3Aeu-de%3Aa%2F939920c1b7e743c9af5efbf8...`. The page header includes the IBM Cloud logo, a search bar, and navigation links for Catalog, Manage, and the user's account (Arishraaj K G's Account). The main content area is titled "Internet of Things Platform-am" and shows a "Launch" button. Below the "Launch" button, there is a section titled "Ready for the next level?" with two options: "Lite" and "Non-Production". The "Lite" option is selected, and the "Non-Production" option is also visible. The "Launch" button is highlighted with a blue border.

Step 6: Once it is logged in, the name will be displayed click on it and then click on Bluemix Free.

The screenshot shows the IBM Watson IoT Platform dashboard. The browser address bar displays the URL: `internetofthings.ibmcloud.com`. The page header includes the IBM Watson IoT Platform logo and the user's account information (arishraaj076@gmail.com, ID: (select org)). The main content area features a large graphic with the text "Equipment" and "Collect data from" and "and make value from it". A "Sign out" button is visible in the top right corner. The "Sign out" button is highlighted with a blue border.

Step 7: This is the IBM Watson platform.

IBM Watson IoT Platform

arishraaj076@gmail.com
ID: 8eoyrc

Browse Action Device Types Interfaces

Add Device +

Browse Devices

All Devices Diagnose

This table shows a summary of all devices that have been added. It can be filtered, organized, and searched on using different criteria. To get started, you can add devices by using the Add Device button, or by using API.

Search by Device ID

Device Simulator ☒ IoT

<input type="checkbox"/>	Device ID	Status	Device Type	Class ID	Date Added
> <input type="checkbox"/>	12345	Disconnected	Testdevicetype	Device	Nov 14, 2022 10:44 PM

Items per page 50 | 1-1 of 1 item

1 of 1 page < 1 >

1 Simulation running

Result:

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