

IBM WATSON IOT PLATFORM

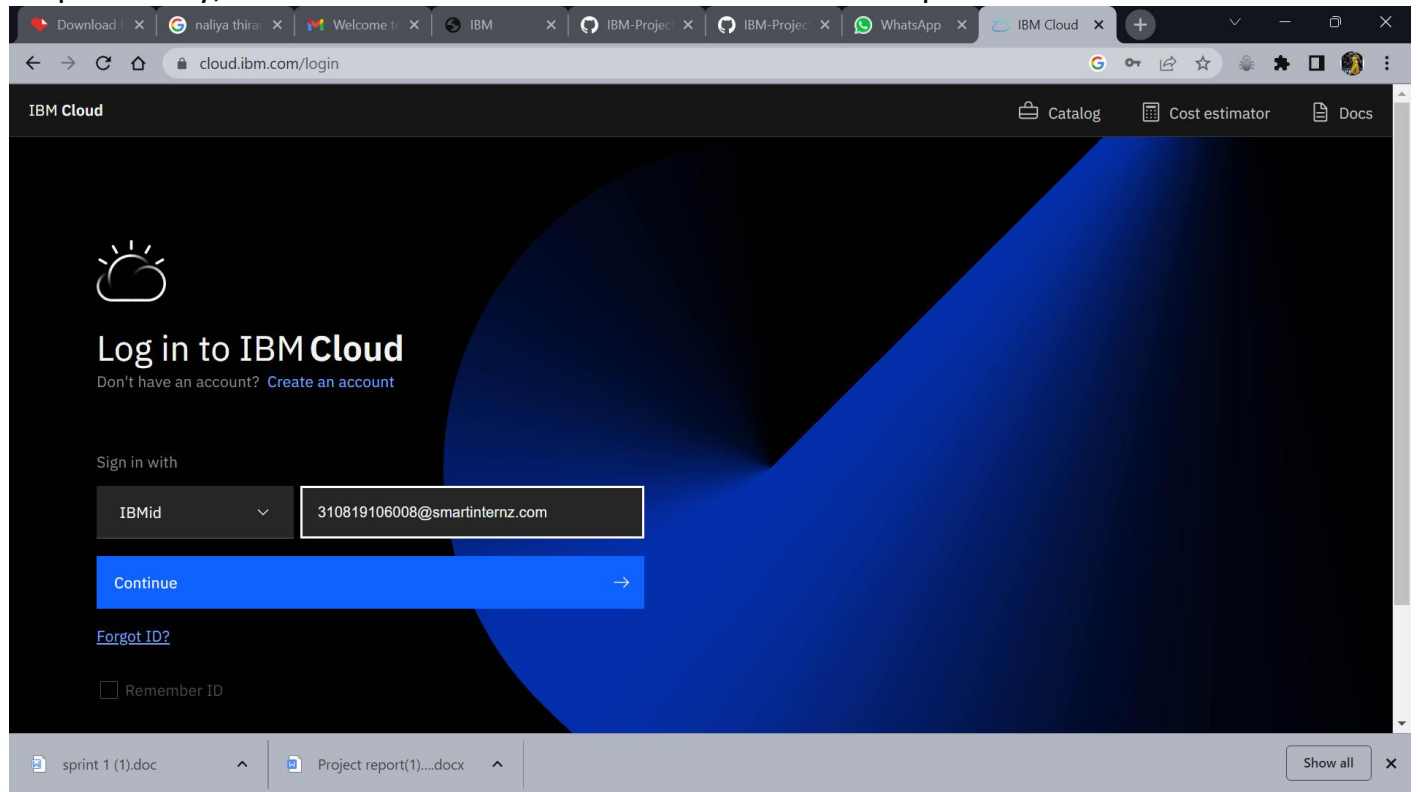
PROJECT NAME	GAS LEAKAGE MONITORING & ALERTING SYSTEM FOR INDUSTRIES
TEAM ID	PNT2022TMID27029
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AIM:

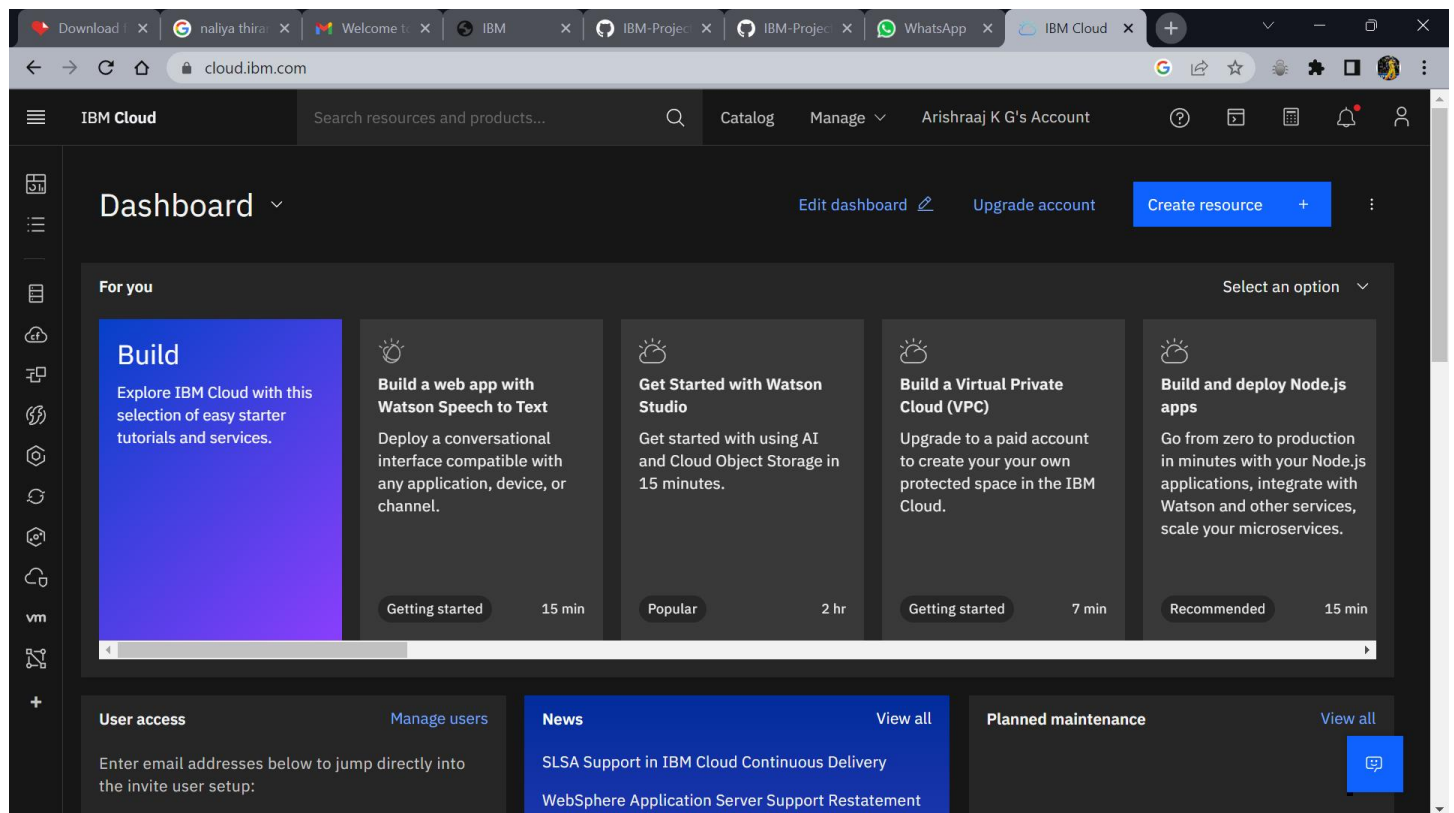
To create the IBM Watson IoT platform and device.

Steps to be followed

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



Step 2: Home page of IBM cloud.



Step 3: Click on IoT in the category mentioned.

The screenshot shows the IBM Cloud Catalog interface. The browser address bar displays `cloud.ibm.com/catalog?category=iot`. 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" and shows "Viewing 1 product". A sidebar on the left contains filters for Type (All, Services, Software, Professional services), Provider (IBM (1)), and Pricing plan (Lite). The product card for "Internet of Things Platform" by IBM is displayed, with a description: "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 listed as "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 browser address bar displays `cloud.ibm.com/catalog/services/internet-of-things-platform`. The page header is consistent with the previous screenshot. The main content area is titled "Internet of Things Platform" and includes a description: "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 "Create" button is highlighted. A sidebar on the left shows details for the service, including Type (Service), Provider (IBM), Last updated (08/15/2022), Category (Internet of Things), Compliance (IAM-enabled), and Location (Frankfurt, London, Dallas). The "Create" button is disabled, and an error message is displayed: "Existing Lite plan instance. 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." The error message includes a "Delete" link and a "view the existing instance" link. The "Create" button is disabled, and the "About" button is visible.

Plan	Features	Pricing
Lite	Includes up to 500 registered devices, and a maximum of 200 MB of each data metric Maximum of 500 registered devices Maximum of 500 application bindings Maximum of 200 MB of each of data exchanged,	Free

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%3Aiotf-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 in blue.

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 profile information: "arishraaj076@gmail.com" and "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". The user profile dropdown menu is open, showing the user's name "8eoyrc (ID 8eoyrc)" and the plan "Bluemix Free". The "Sign out" button is visible in the dropdown menu. The "Learn More" button is also present at the bottom of the page.

Step 7: This is the IBM Watson platform.

The screenshot shows the IBM Watson IoT Platform dashboard. The top navigation bar includes 'Browse', 'Action', 'Device Types', and 'Interfaces'. The 'Browse' tab is selected. The main heading is 'Browse Devices'. Below the heading are two buttons: 'All Devices' (selected) and 'Diagnose'. A descriptive text states: '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.' Below this is a search bar labeled 'Search by Device ID'. To the right of the search bar is a 'Device Simulator' toggle switch, which is turned on. Below the search bar is a table with the following columns: 'Device ID', 'Status', 'Device Type', 'Class ID', and 'Date Added'. The table contains one row with the following data: '12345', 'Disconnected', 'Testdevicetype', 'Device', and 'Nov 14, 2022 10:44 PM'. Below the table is a pagination bar showing 'Items per page 50' and '1-1 of 1 item'. To the right of the pagination bar is a message '1 Simulation running'.

Device ID	Status	Device Type	Class ID	Date Added
12345	Disconnected	Testdevicetype	Device	Nov 14, 2022 10:44 PM

Result:

An IBM Watson cloud for IoT is created successfully.