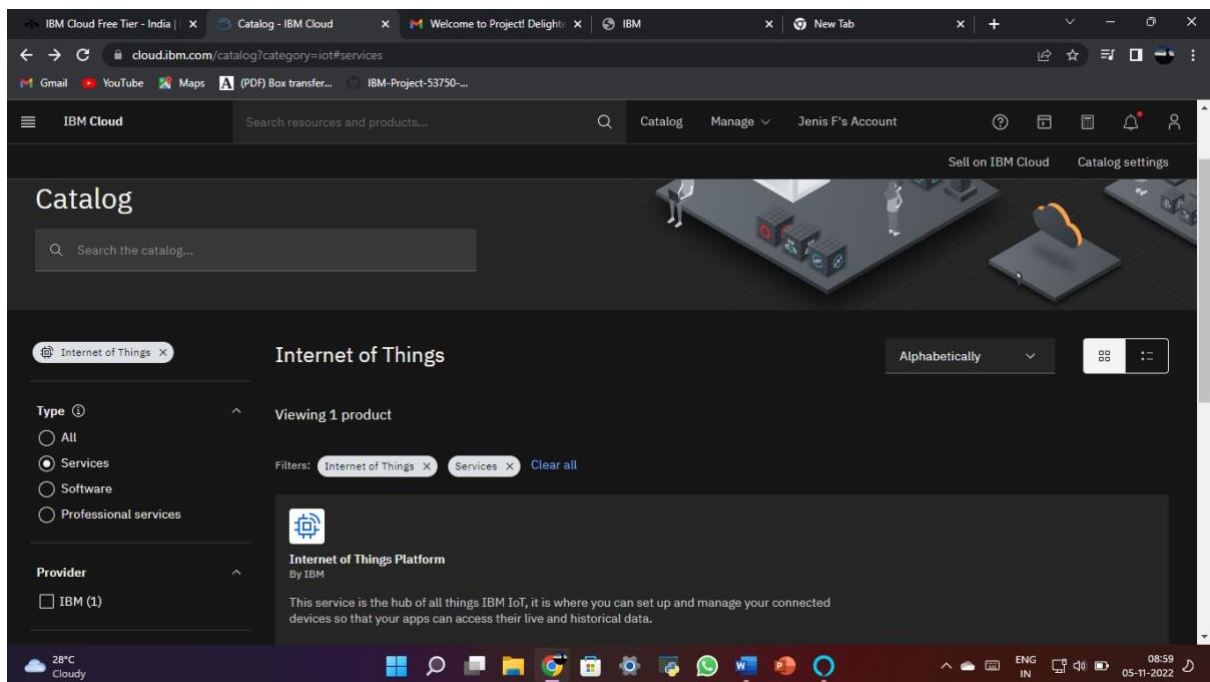


## **Creating IOT Waston Platform And Device**

Team ID	PNT2022TMID25068
Project Name	Smart Waste Management System for Metropolitan cities

### Step 1



## Step 2

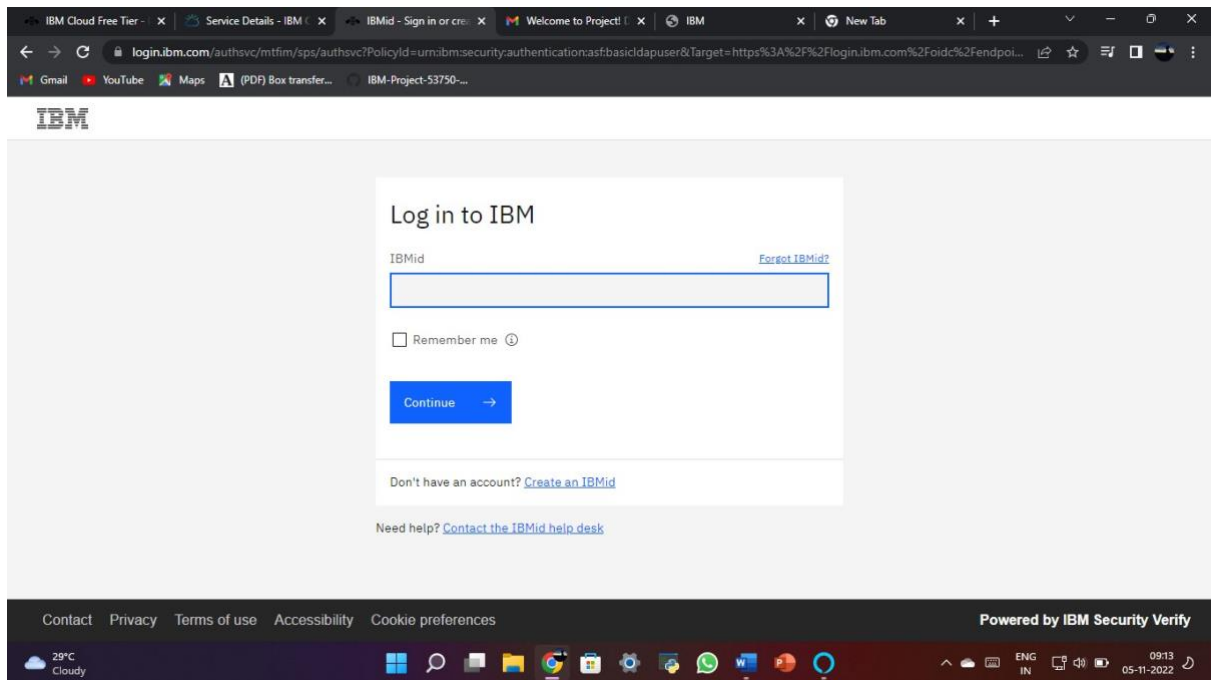
The screenshot shows the 'Create' page for the IBM Cloud Internet of Things Platform. The browser address bar displays 'cloud.ibm.com/catalog/services/internet-of-things-platform'. The page has a dark theme with a sidebar on the left containing navigation links like 'Type', 'Service', 'Provider', 'Last updated', 'Category', 'Compliance', 'Location', and 'Related links'. The main content area is titled 'Select a location' and 'Select a pricing plan'. A dropdown menu shows 'London (eu-gb)' as the selected location. Below this, a table lists pricing plans. The 'Lite' plan is selected, showing features like 'Includes up to 500 registered devices, and a maximum of 200 MB of each data metric'. The pricing is listed as 'Free'. On the right, a 'Summary' panel shows the service name, location, plan, and a 'Create' button. A checkbox for 'I have read and agree to the following license agreements:' is checked. The bottom of the screen shows a Windows taskbar with various application icons and a system tray with weather and time information.

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, data analyzed and edge data analyzed	Free

## Step 3

The screenshot shows the 'Manage' page for the IBM Cloud Internet of Things Platform. The browser address bar displays a long URL. The page has a dark theme with a sidebar on the left containing navigation links like 'Resource list', 'Manage', 'Plan', and 'Connections'. The main content area is titled 'Internet of Things Platform-lv' and shows a 'Launch' button. Below this, a progress bar indicates the 'Lite' plan is selected, with 'Non-Production' and 'Production' options also visible. The bottom of the screen shows a Windows taskbar with various application icons and a system tray with weather and time information.

## Step 4

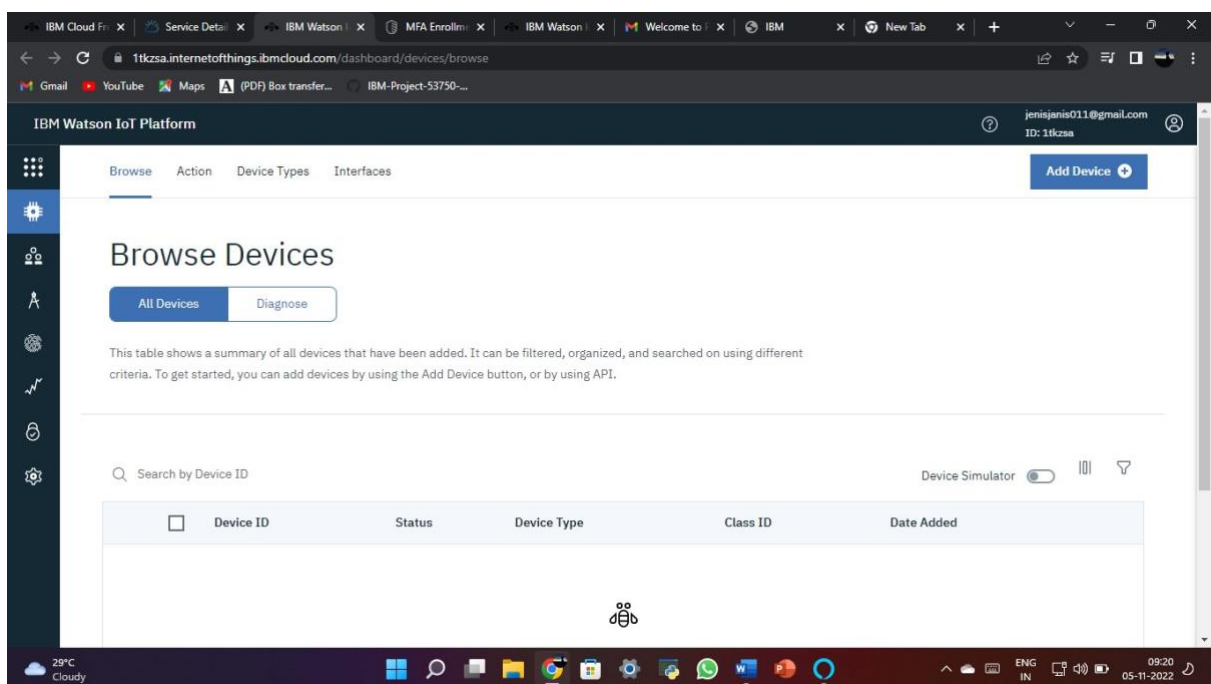


The screenshot shows the IBM login page in a web browser. The browser's address bar displays the URL: `login.ibm.com/authsvc/mtfim/sps/authsvc?PolicyId=umabm-security:authentication:asfbasicdapuser&Target=https%3A%2F%2Flogin.ibm.com%2Foidc%2Fendpoi...`. The page features the IBM logo at the top left. The main content area is titled "Log in to IBM" and contains a form with the following elements:

- A text input field labeled "IBMid" with a "Forgot IBMId?" link to its right.
- A checkbox labeled "Remember me" with an information icon.
- A blue "Continue" button with a right-pointing arrow.
- A link below the button: "Don't have an account? [Create an IBMId](#)".
- A footer link: "Need help? [Contact the IBMId help desk](#)".

At the bottom of the page, there is a dark navigation bar with links for "Contact", "Privacy", "Terms of use", "Accessibility", and "Cookie preferences". On the right side of this bar, it says "Powered by IBM Security Verify". The Windows taskbar at the very bottom shows the date and time as 09:13 on 05-11-2022.

## Step 5



The screenshot displays the IBM Watson IoT Platform dashboard. The browser's address bar shows the URL: `1tkzsa.internetofthings.ibmcloud.com/dashboard/devices/browse`. The page header includes the text "IBM Watson IoT Platform" and a user profile for "jenisjanis011@gmail.com" with ID "1tkzsa". The main navigation bar has tabs for "Browse", "Action", "Device Types", and "Interfaces", with "Browse" currently selected. A blue "Add Device" button is located in the top right corner.

The central section is titled "Browse Devices" and contains two buttons: "All Devices" (selected) and "Diagnose". Below this, a text block 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."

A search bar labeled "Search by Device ID" is positioned above a table. To the right of the search bar is a "Device Simulator" toggle switch, which is currently turned off. The table has the following columns: "Device ID", "Status", "Device Type", "Class ID", and "Date Added". The table body is currently empty.

The Windows taskbar at the bottom shows the date and time as 09:20 on 05-11-2022.

## Step 6

IBM Watson IoT Platform

Browse Action Device Types Interfaces

### Add Device

Identity Device Information Security Summary

Select a device type for the device that you are adding and give the device a unique ID.

Device Type Select or create a device type...

Device ID Enter Device ID

Cancel Next

### Browse Devices

## Step 7

IBM Watson IoT Platform

Browse Action Device Types Interfaces

### Add Device

Identity Device Information Security Summary

Verify that the following information is correct then select Finish

Device Type Node MCU

Device ID ESP8266

View Metadata

Security Token 123456789

Back Finish