

Create IBM Watson IOT Platform and Device

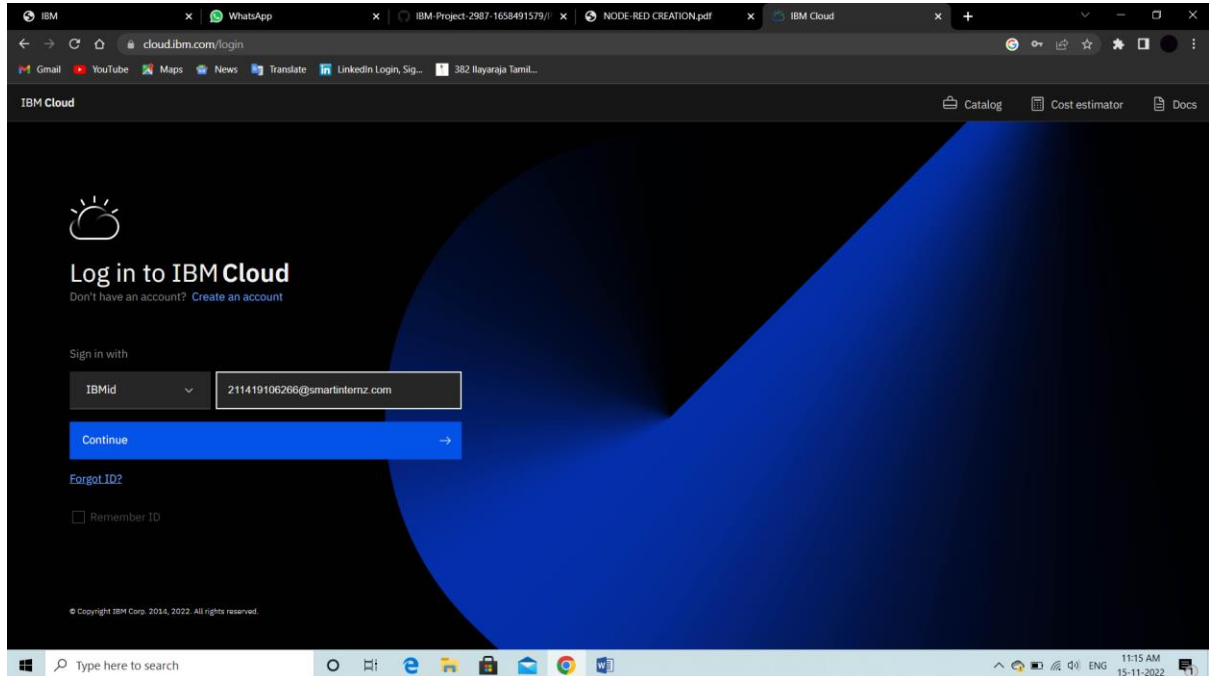
Date	10 November 2022
Team ID	PNT2022TMI01176
Project Name	Smart Solutions For Railways
Maximum Marks	4 Marks

AIM:

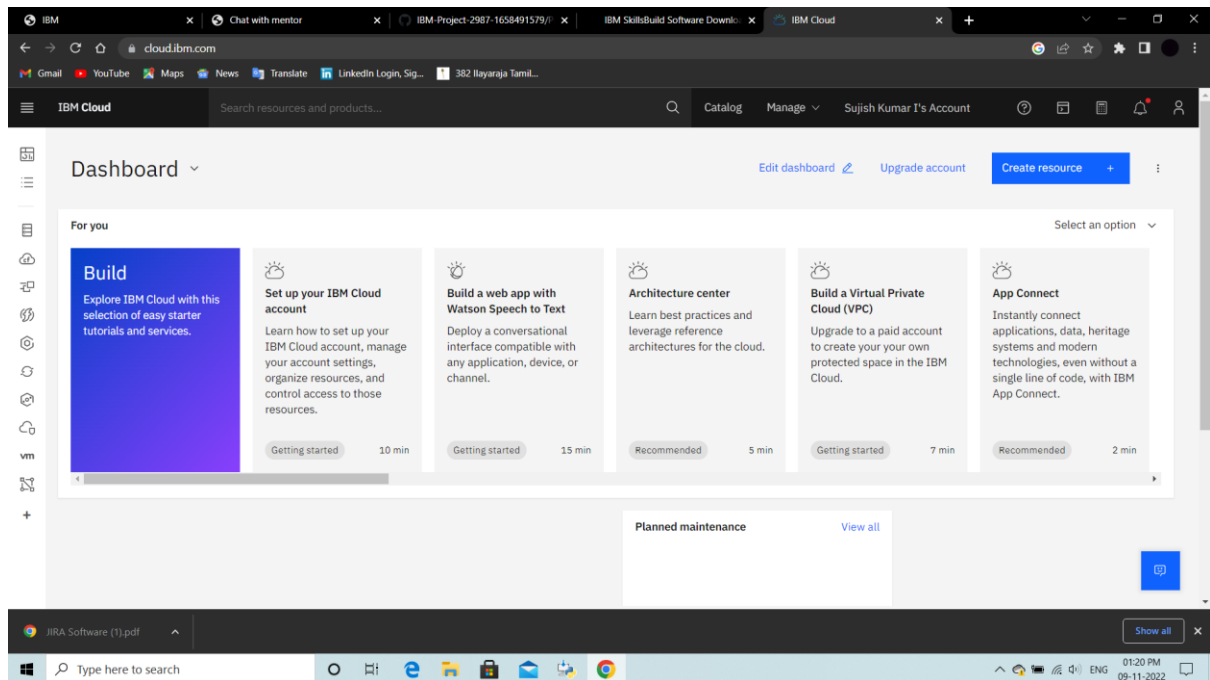
To create the IBM Watson IoT platform and device

STEPS:

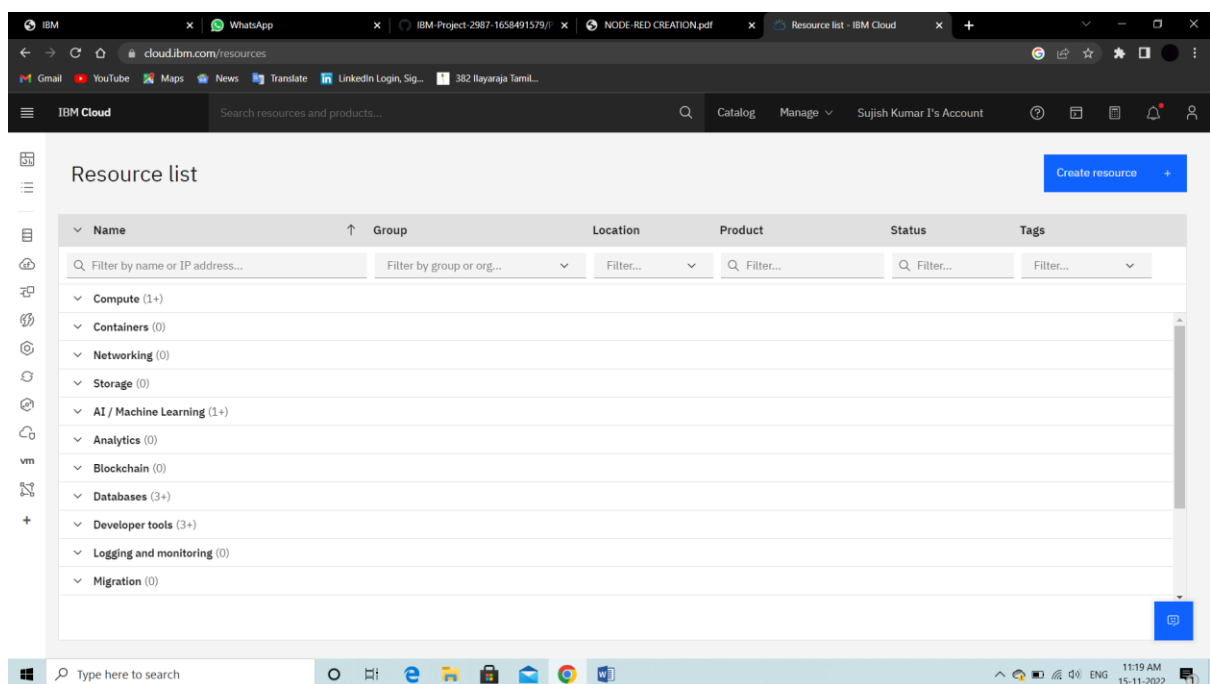
1. Firstly create an IBM cloud account with IBM id and password



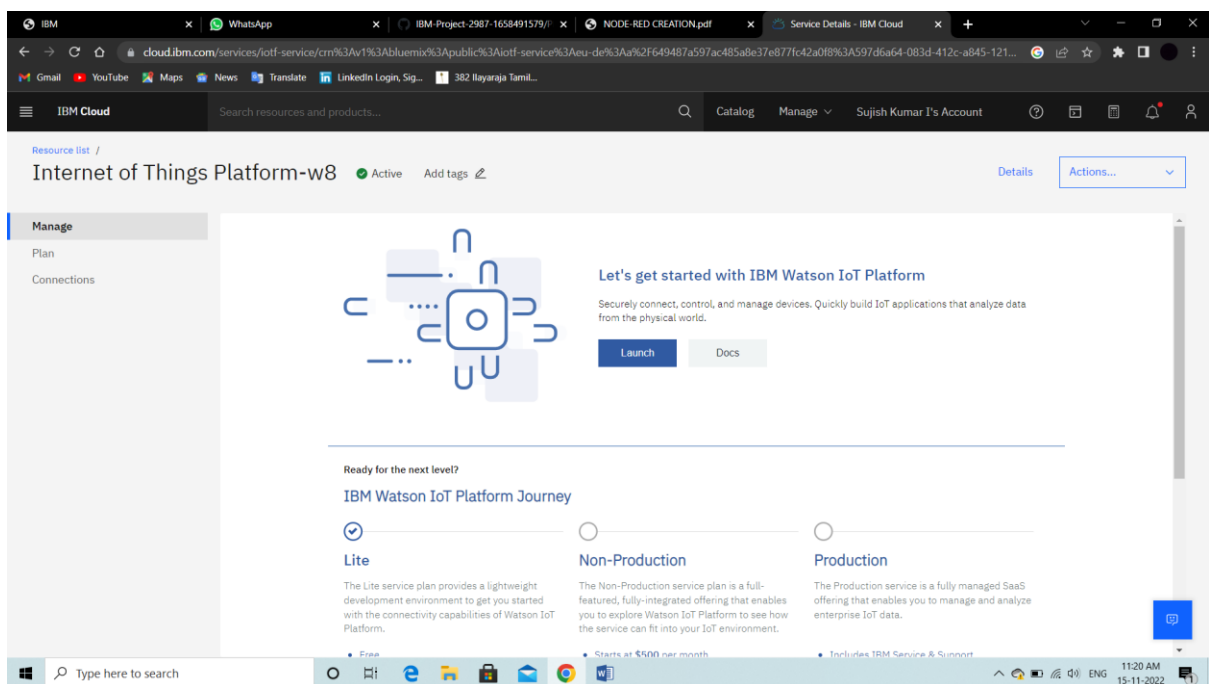
2. Home Page of IBM Cloud



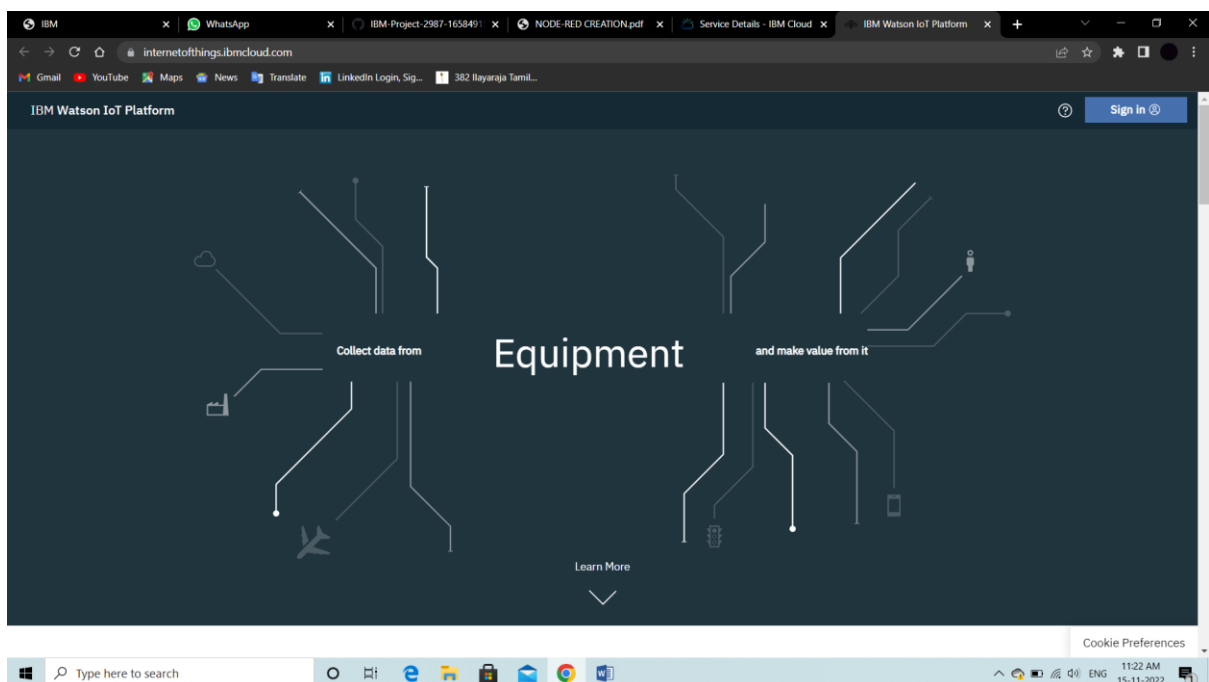
3. Click on resource list



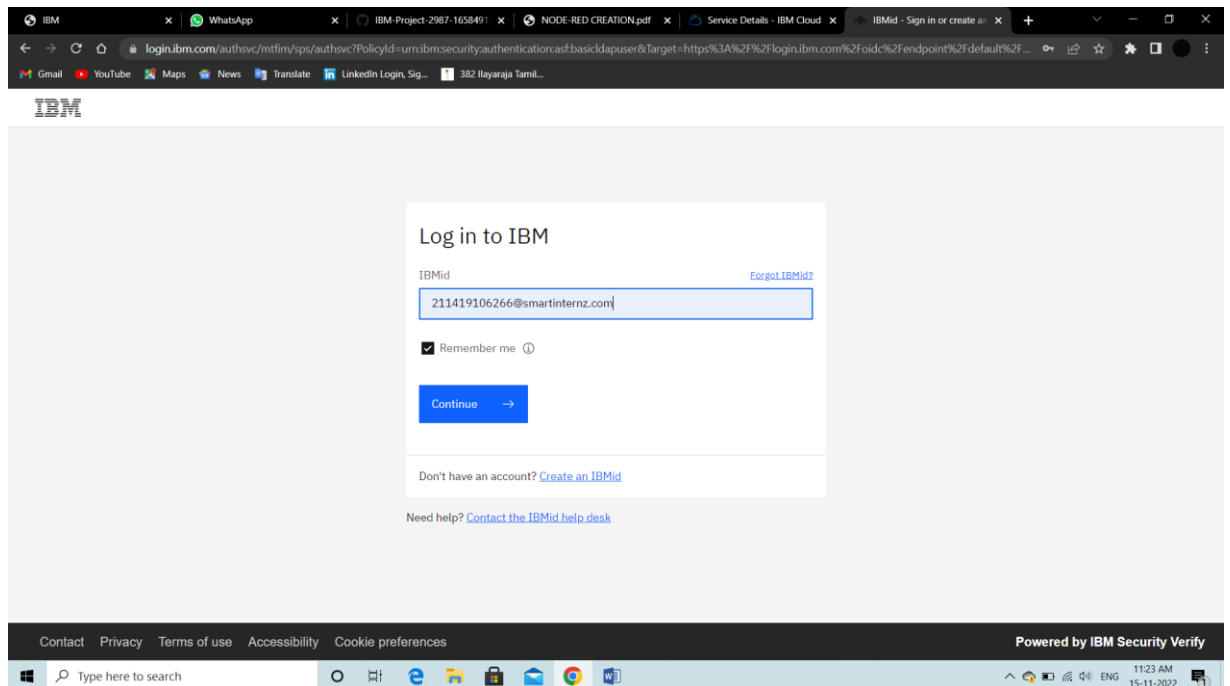
4. Click on IOT in the category mentioned



6. Click on the launch button in the manage tab, it will open to this

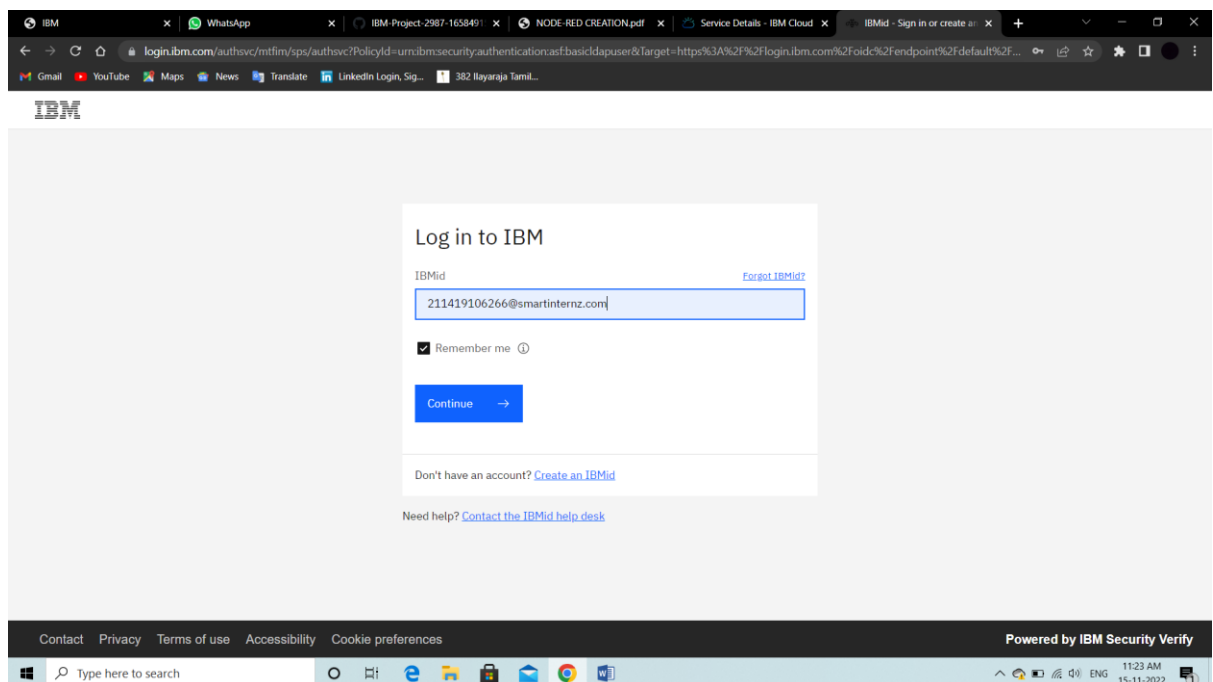


6. Enter the details to sign in to the Watson Cloud to create a device



The screenshot shows a web browser window with the IBM login page. The browser's address bar displays the URL: `login.ibm.com/authsvc/mtfimy/sps/authsvc?PolicyId=urn:ibm:security:authentication:asf:basicdapuser&Target=https%3A%2F%2Flogin.ibm.com%2Foidc%2Fendpoint%2Fdefault%2F...`. The page features the IBM logo at the top left. The main content area contains a white box titled "Log in to IBM". Inside this box, there is a label "IBMId" and a text input field containing the email address "211419106266@smartinternz.com". To the right of the input field is a link "Forgot IBMId?". Below the input field is a checked checkbox labeled "Remember me" with a help icon. A blue "Continue" button with a right-pointing arrow is positioned below the checkbox. At the bottom of the white box, there is a link "Don't have an account? Create an IBMId". Below the white box, there is a link "Need help? Contact the IBMId help desk". The footer of the page includes links for "Contact", "Privacy", "Terms of use", "Accessibility", and "Cookie preferences", followed by the text "Powered by IBM Security Verify". The Windows taskbar at the bottom shows the search bar and several application icons, with the system clock indicating 11:23 AM on 15-11-2022.

7. Click on the device tab and click on the add device button, then give the device type and device id and click next



This screenshot is identical to the one above, showing the IBM login page with the "Log in to IBM" form. The email address "211419106266@smartinternz.com" is entered in the "IBMId" field. The "Remember me" checkbox is checked. The "Continue" button is visible. The footer and taskbar are also identical to the previous screenshot.

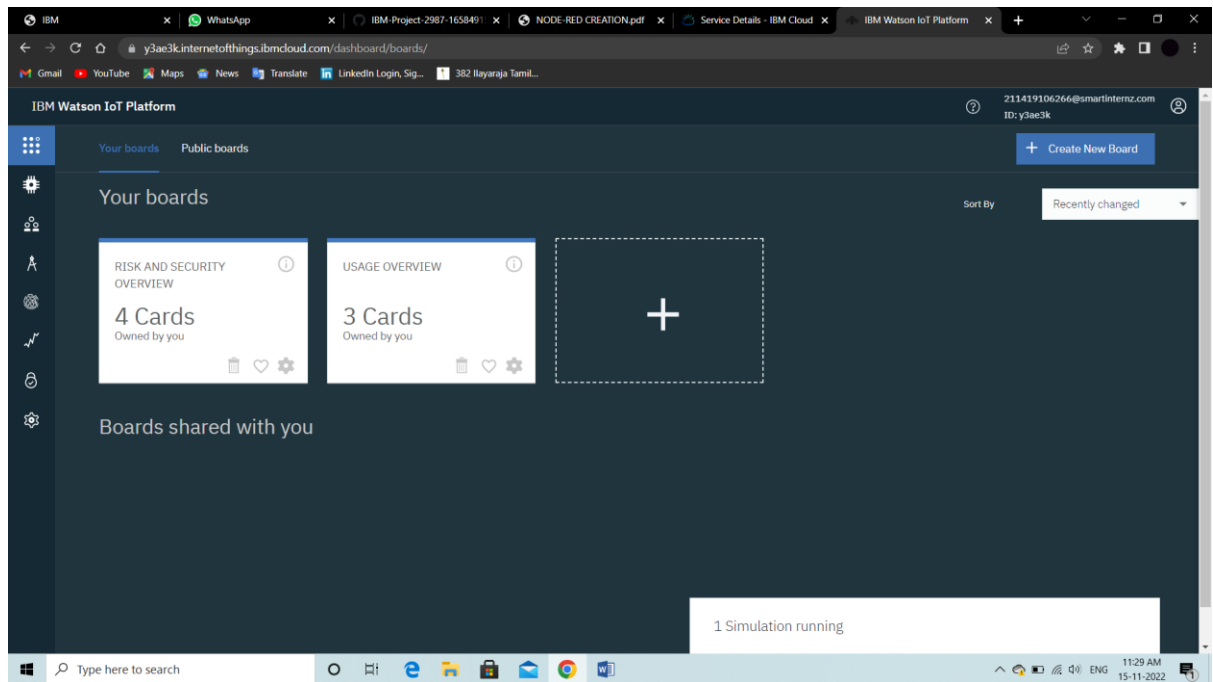
8. Clicking on the device tab we can see the added device.
Clicking on it will display the other details

The screenshot displays the IBM Watson IoT Platform interface. The top navigation bar includes tabs for 'Browse', 'Action', 'Device Types', and 'Interfaces'. The 'Browse' tab is active, showing the 'Browse Devices' page. The page has a sidebar with various icons and a top right area with user information and an 'Add Device' button. The main content area features a 'Browse Devices' title, a 'Diagnose' button, and a table of devices. The table has columns for Device ID, Status, Device Type, Class ID, Date Added, and Descriptive Location. A single device is listed: 'trainingid' with status 'Disconnected', device type 'sujish123', class ID 'Device', and date added '8 Nov 2022 7:12 PM'. Below the table, there is a search bar, a 'Device Simulator' toggle, and a '1 Simulation running' notification.

Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
trainingid	Disconnected	sujish123	Device	8 Nov 2022 7:12 PM	

In a similar way, we can create n number of devices with a 50 a per page limit as per the requirement of our project

9.The Boards will display card for project :



10. RESULT:

An IBM Watson cloud for IoT and a device is created

