

# Create IBM Watson IoT Platform and Device

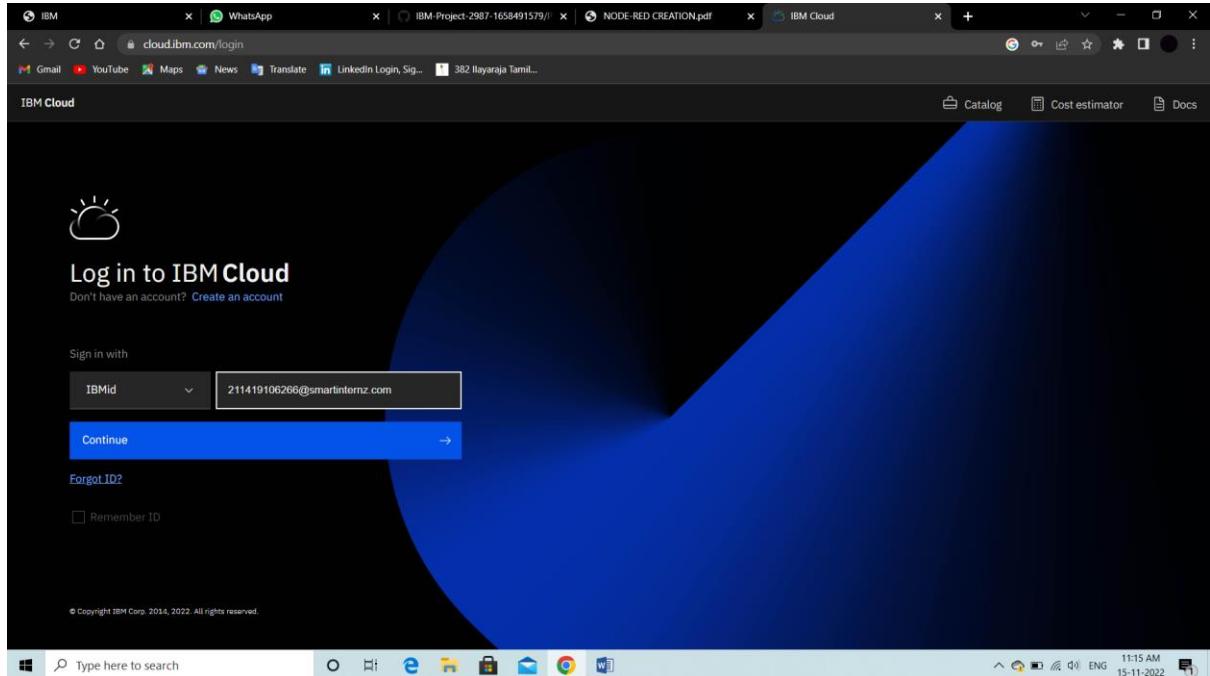
Date	10 November 2022
Team ID	PNT2022TMI01176
Project Name	Smart Solutions For Railways
Maximum Marks	4 Marks

## AIM:

To create the IBM Watson IoT platform and device

## STEPS:

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



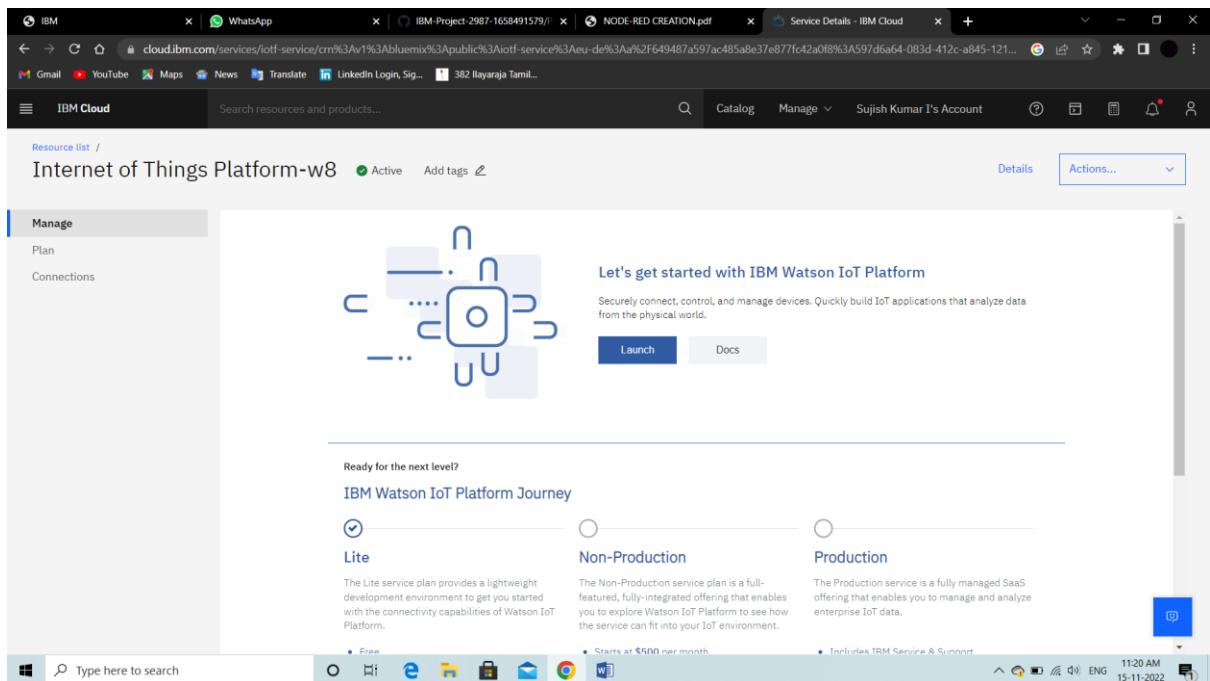
## 2. Home Page of IBM Cloud

The screenshot shows the IBM Cloud home page in a web browser. The top navigation bar includes links for Chat with mentor, IBM Project 2987-1658491579, IBM SkillsBuild Software Downloads, and IBM Cloud. The main dashboard features a 'For you' section with cards for 'Build', 'Set up your IBM Cloud account', 'Build a web app with Watson Speech to Text', 'Architecture center', and 'Build a Virtual Private Cloud (VPC)'. Below this is a 'Planned maintenance' section with a 'View all' button. A sidebar on the left lists various service icons. The bottom of the screen shows a taskbar with a search bar, pinned icons for File Explorer, Edge, File, Mail, and Google Chrome, and system status indicators.

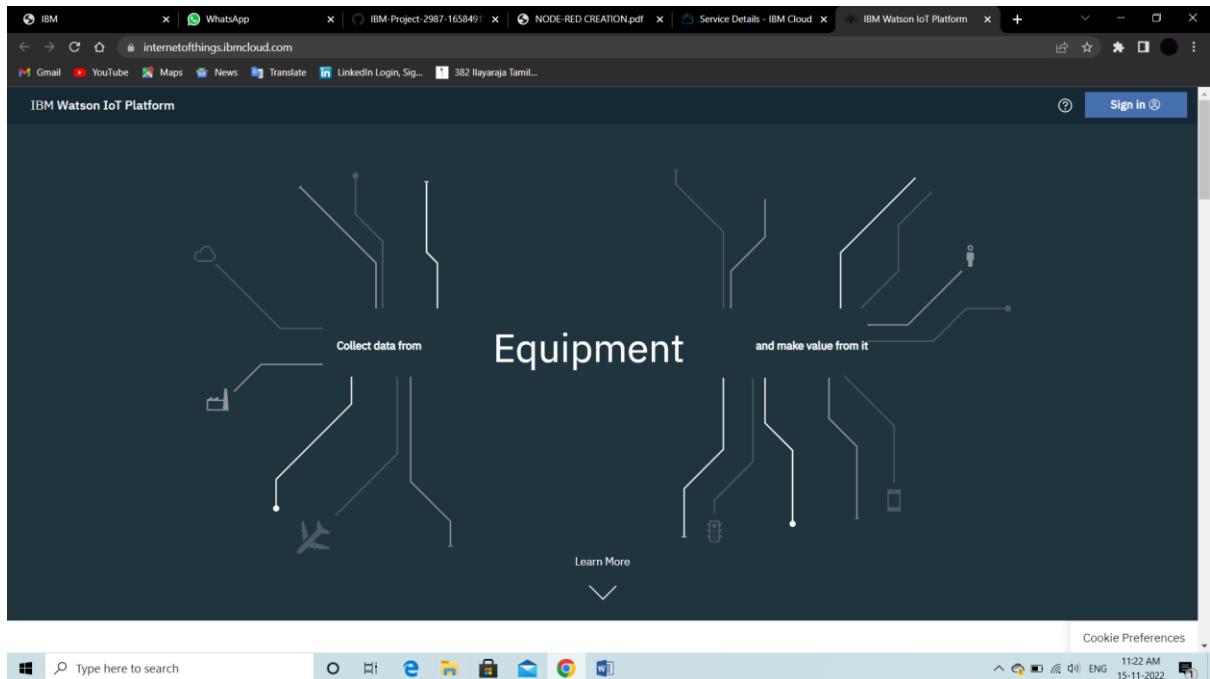
## 3. Click on resource list

The screenshot shows the 'Resource list - IBM Cloud' page. The top navigation bar is identical to the home page. The main content area displays a table with columns: Name, Group, Location, Product, Status, and Tags. The 'Name' column contains a dropdown menu with filters for 'Compute', 'Containers', 'Networking', 'Storage', 'AI / Machine Learning', 'Analytics', 'Blockchain', 'Databases', 'Developer tools', 'Logging and monitoring', and 'Migration'. The 'Status' and 'Tags' columns have filter dropdowns. The bottom of the screen shows a taskbar with a search bar, pinned icons for File Explorer, Edge, File, Mail, and Google Chrome, and system status indicators.

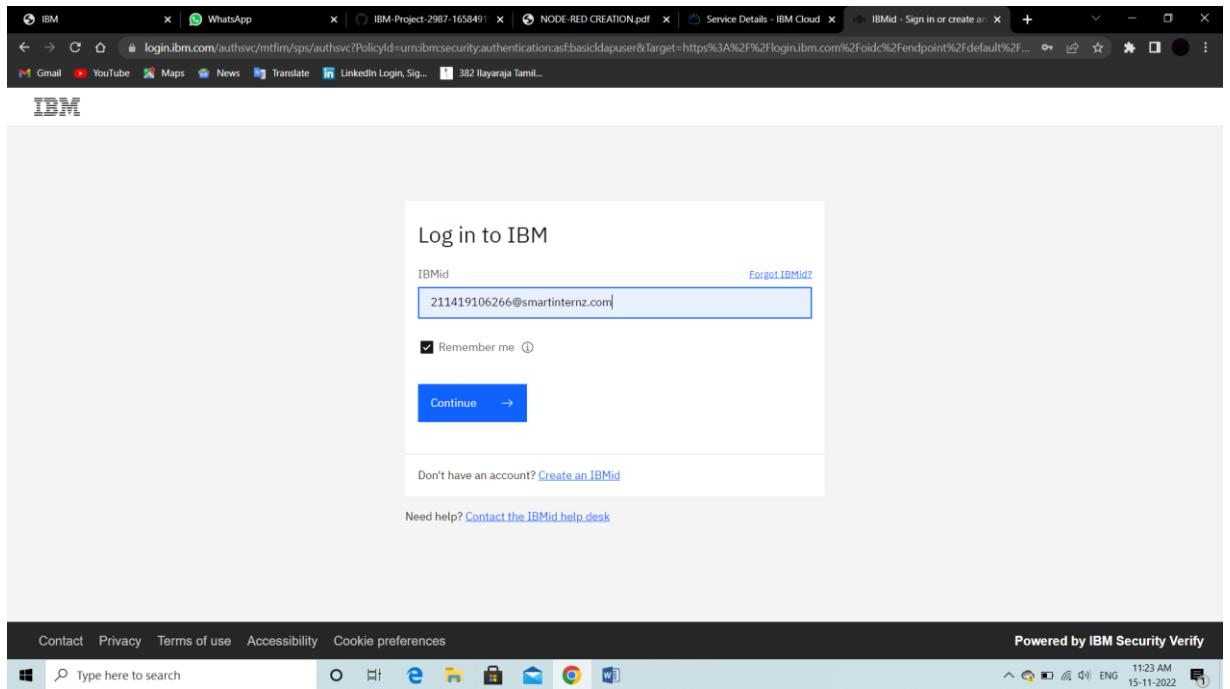
#### 4.Click on IOT in the category mentioned



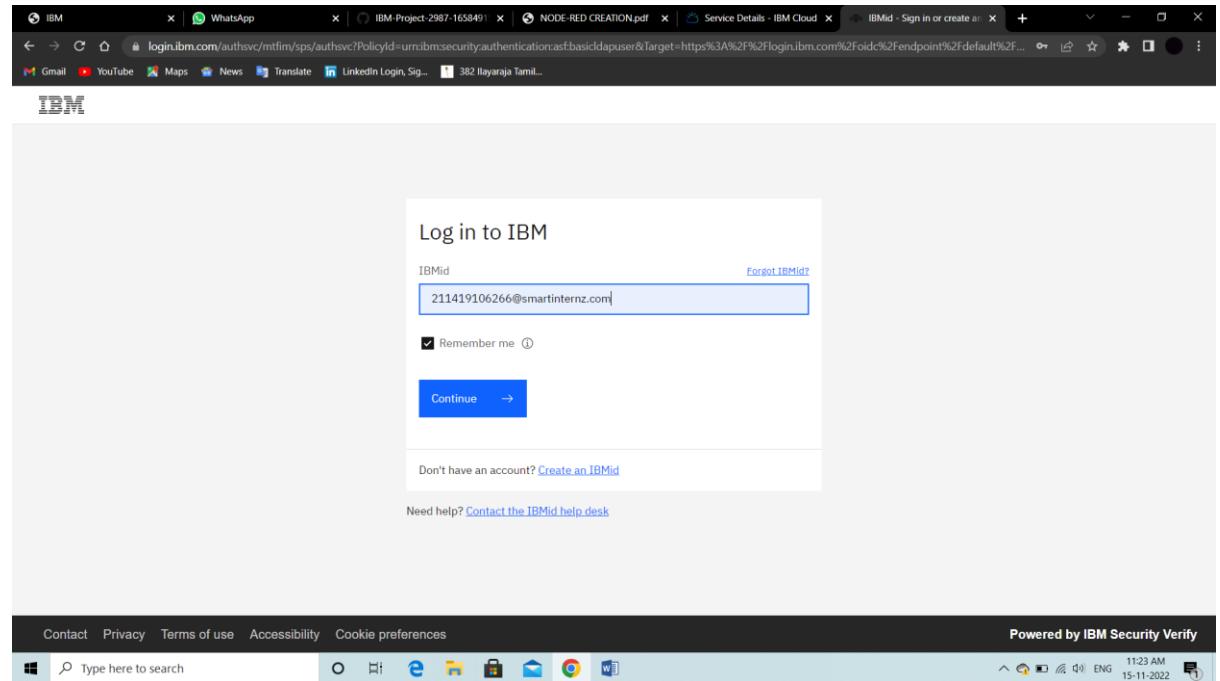
#### 6.Click on the launch button in the manage tab, it will open to this



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



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



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

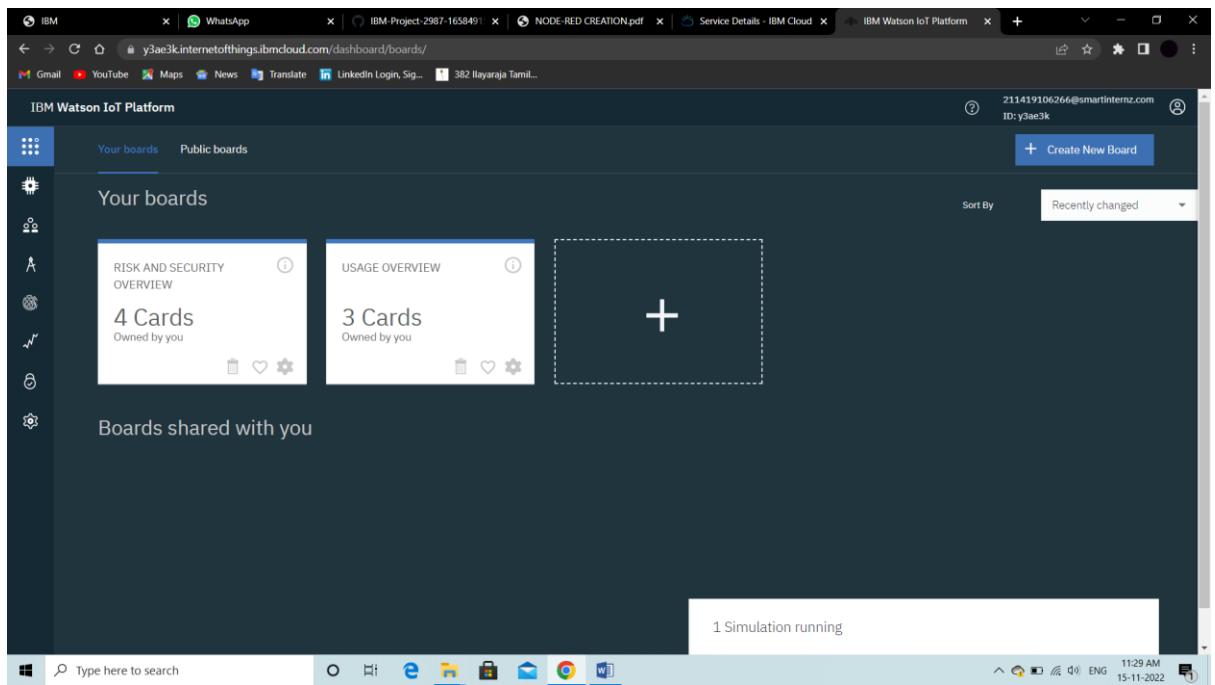
The screenshot shows a web browser window with multiple tabs open at the top. The active tab is 'IBM Watson IoT Platform' showing the 'Browse Devices' interface. On the left, there's a sidebar with various icons. The main area has tabs for 'Browse', 'Action', 'Device Types', and 'Interfaces'. A blue button labeled 'Add Device' is visible. Below these tabs, there are two buttons: 'All Devices' (which is selected) and 'Diagnose'. A search bar labeled 'Search by Device ID' is present. A table lists one device entry:

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

Below the table, it says 'Items per page: 50 | 1-1 of 1 item'. To the right, there's a note '1 Simulation running'. At the bottom, there's a search bar and a toolbar with various icons.

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

