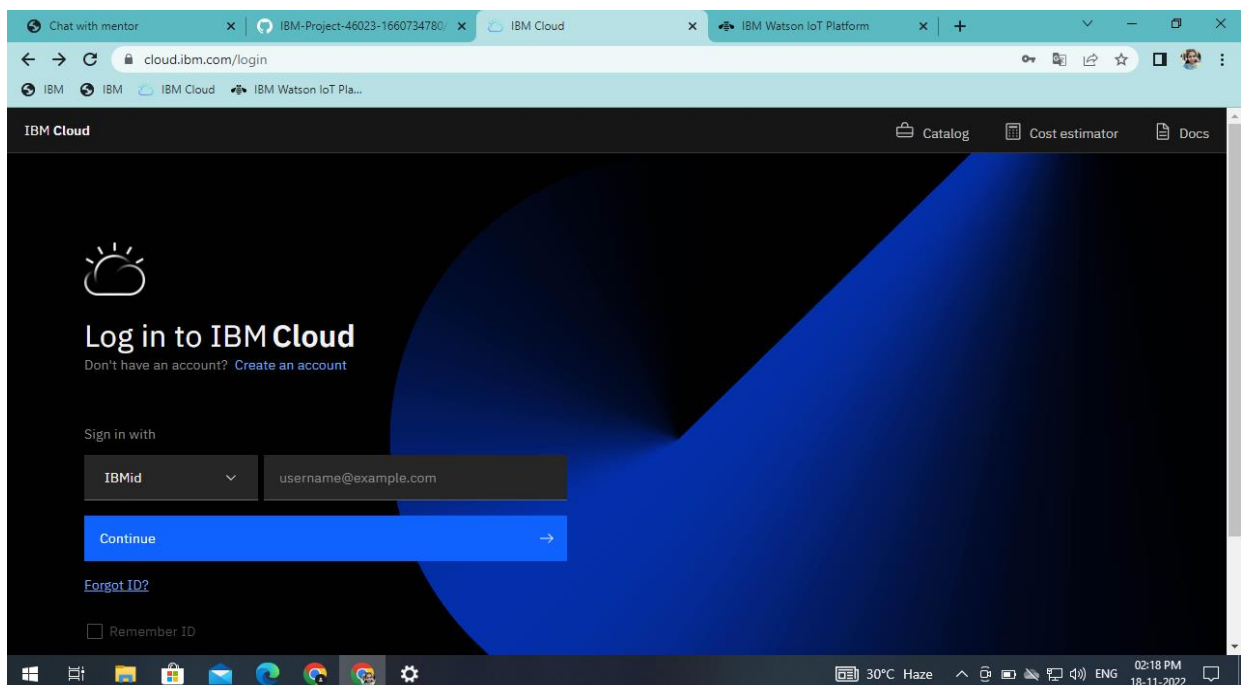


CREATE IBM WATSON IOT PLATFORM AND DEVICE

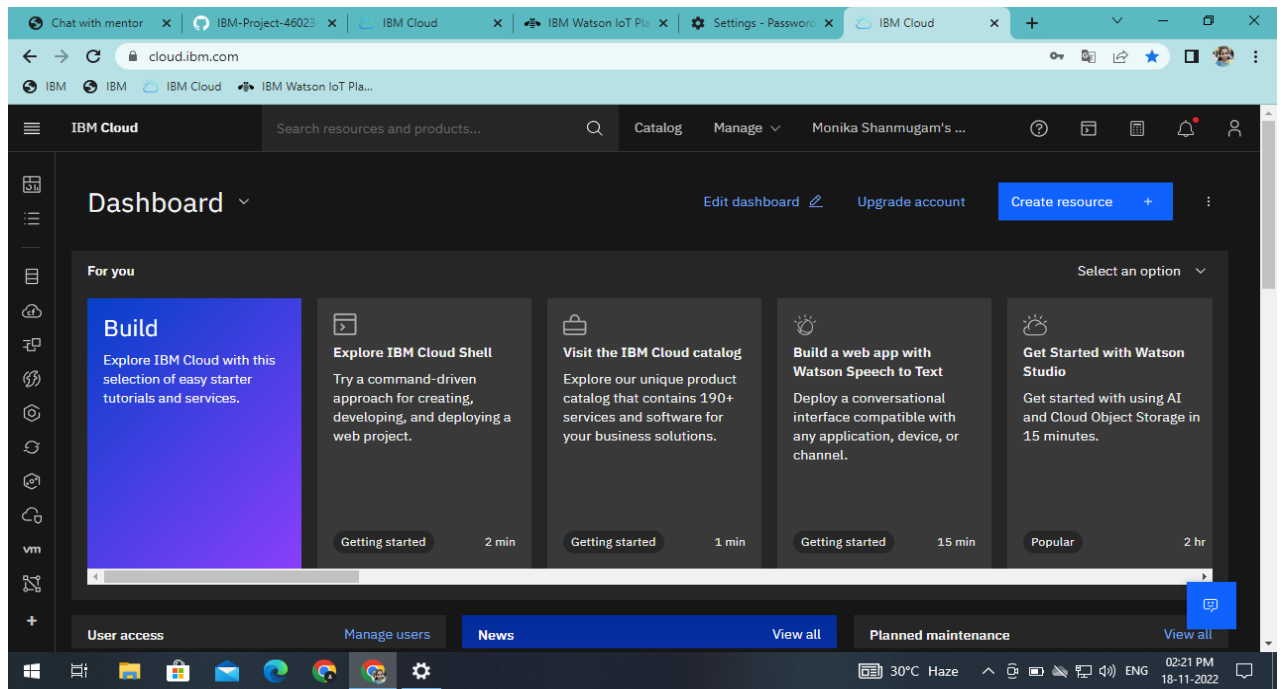
Date	19-11-2022
Team ID	PNT2022TMID37031
Project Name	Project - IOT based safety gadget for child safety monitoring and notification
Maximum Marks	4 Marks

STEPS:

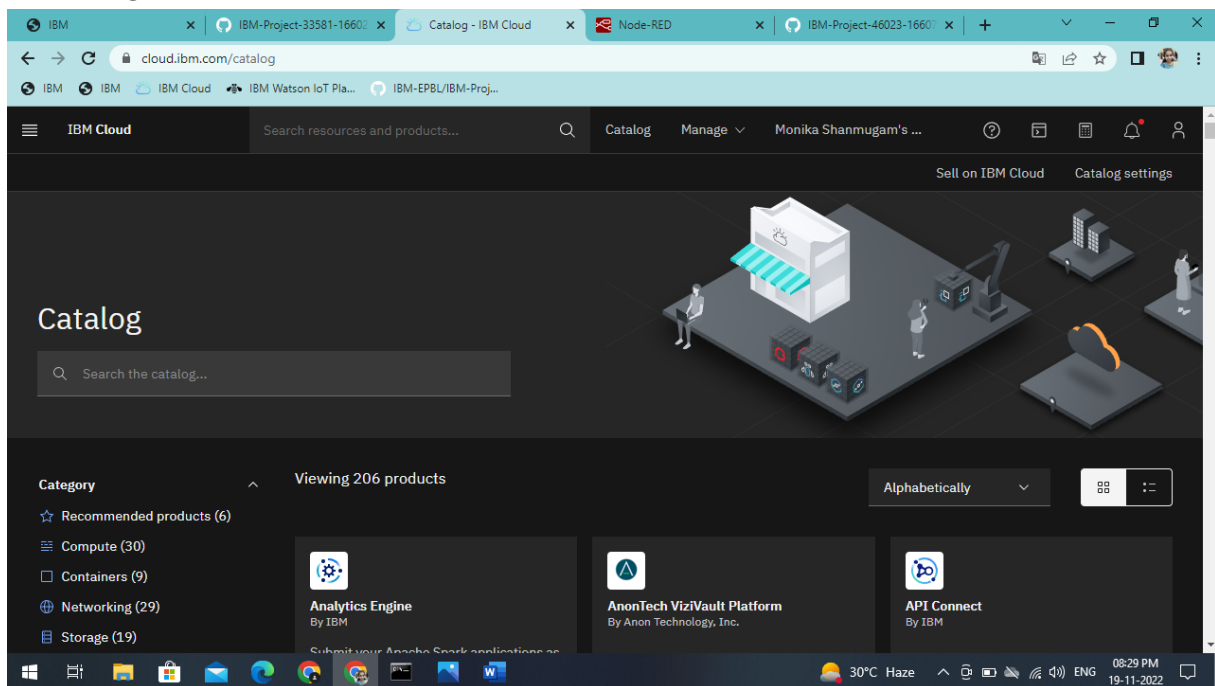
1. First create an IBM cloud account with IBMid and password



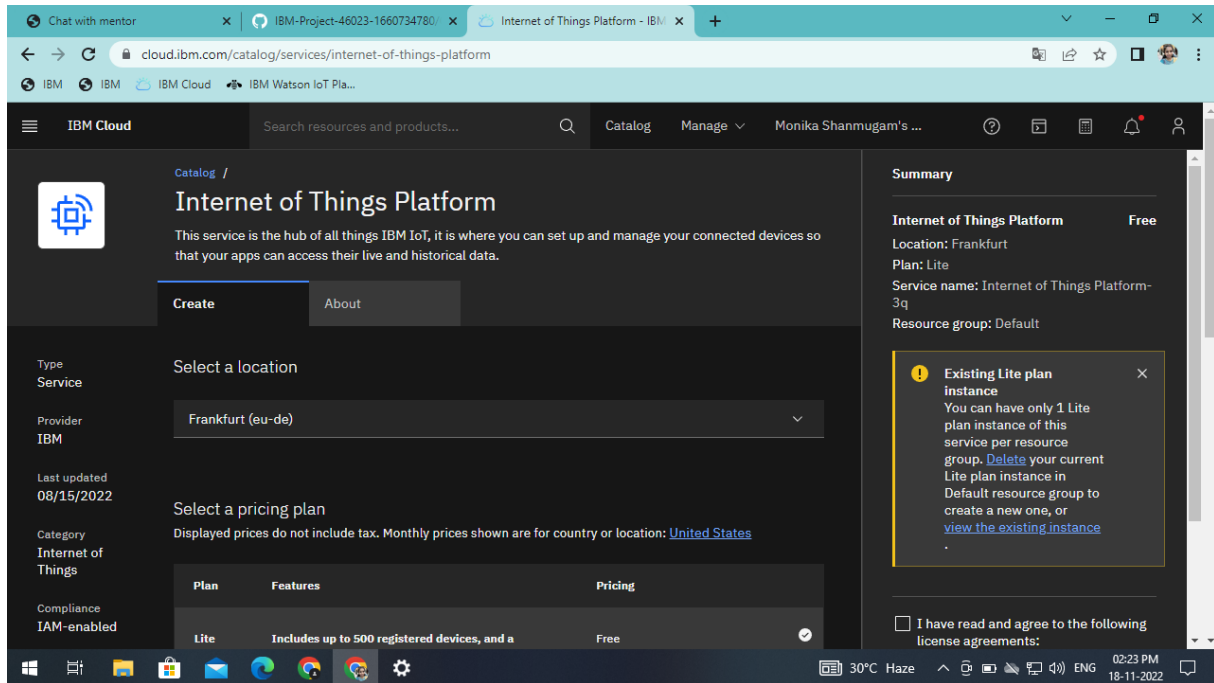
2. Home page of IBM cloud



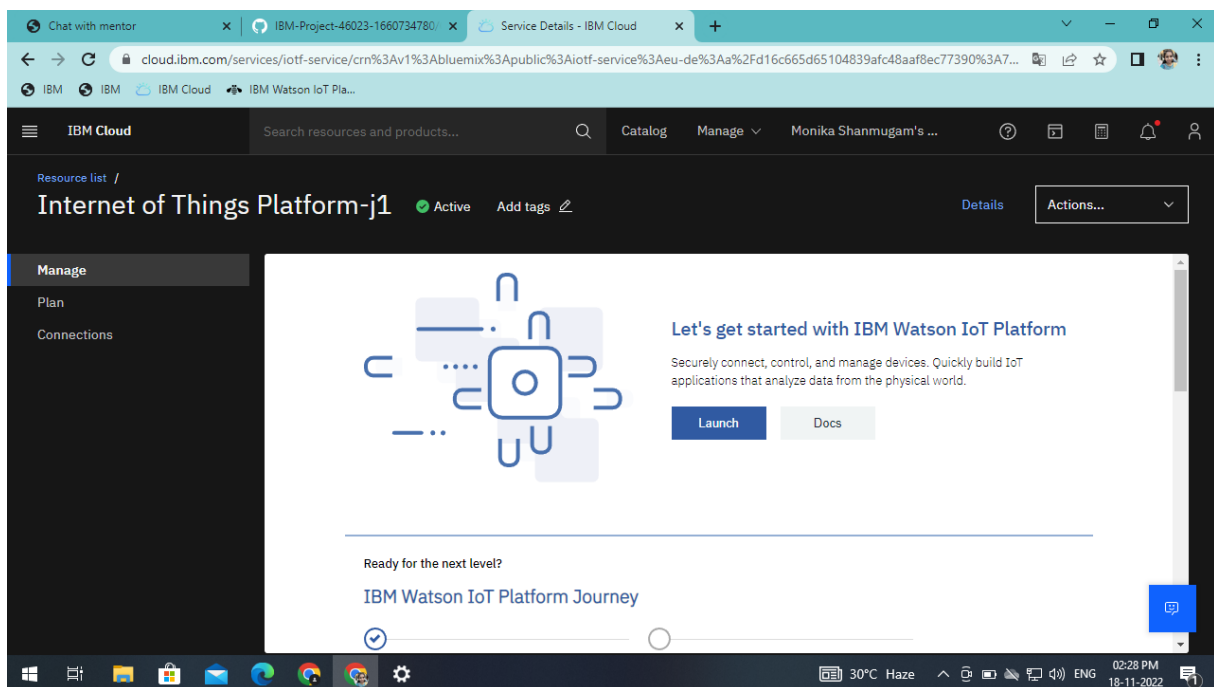
3. Click on the catalog on the top. Search for INTERNET OF THINGS PLATFORM



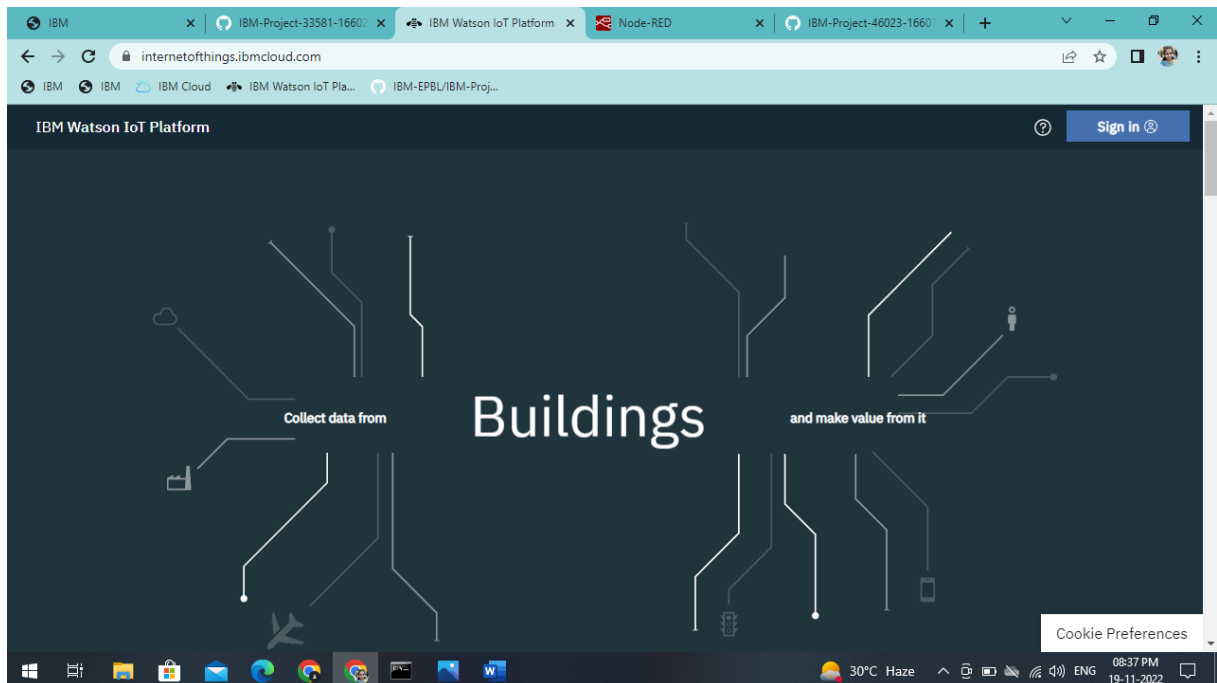
4. Enter the location and in the configure your resource type the service name and choose the plan, tick the agree with agreements and then click on create



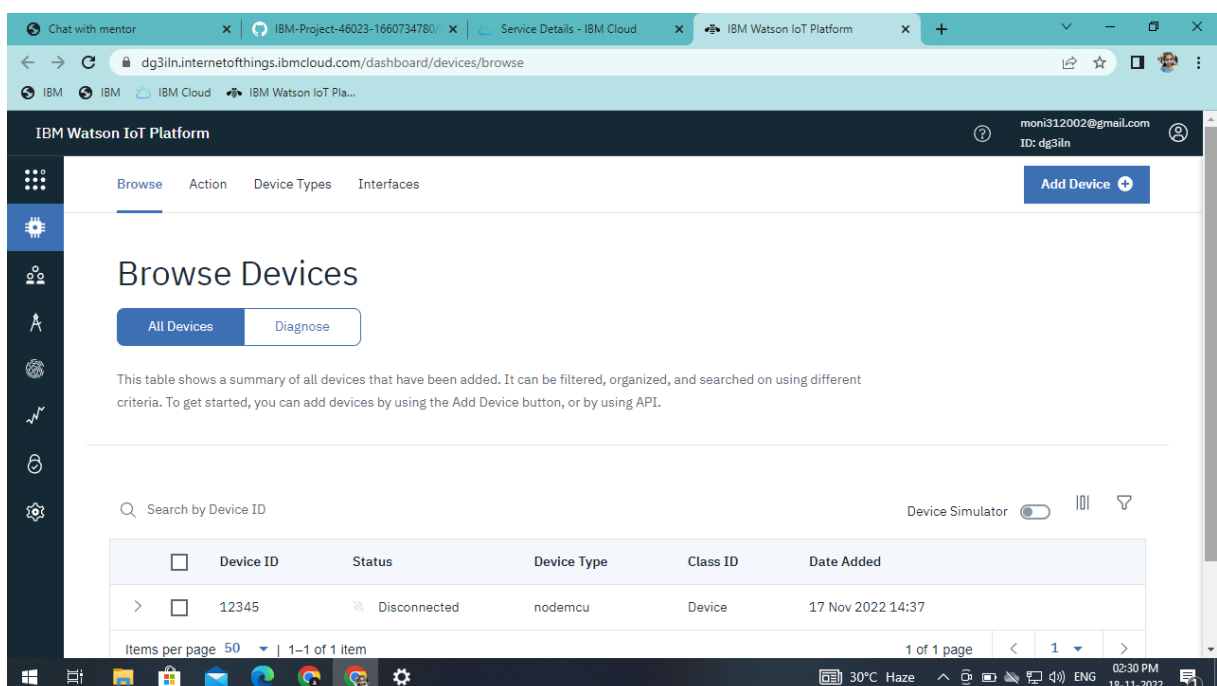
5. Internet of Things Platform Child_safety will be created, where there are different options like manage, plan, and connection (manage is for launch, Plan gives us the idea about the payment package and its upgrades, and lastly the connection is for to connect IoT with other servies) .Click on launch.



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



7. And again clicking on the launch button will open this tab, the device will help in the creation of the devices, the addition of devices, and the display of details of the devices



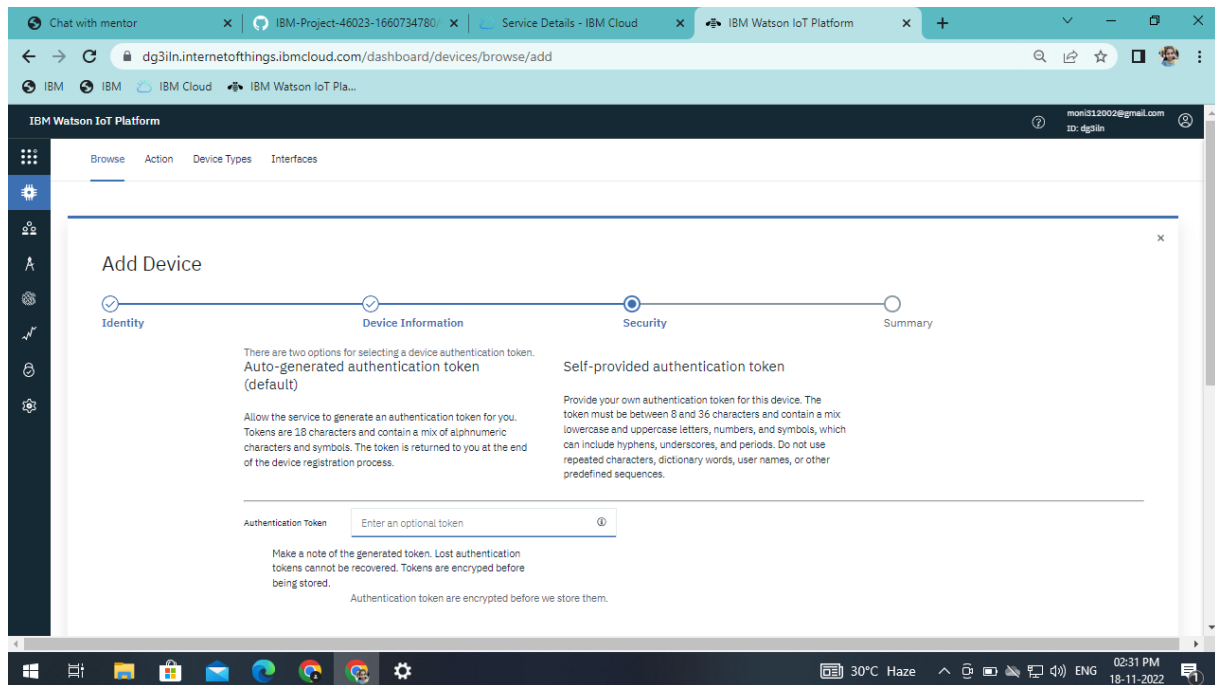
- Click on the device tab and click on the add device button, then give the device type and device id and click next

The screenshot shows the 'Add Device' wizard in the IBM Watson IoT Platform. The 'Identity' step is active, indicated by a blue circle and a checkmark. The wizard consists of four steps: Identity, Device Information, Security, and Summary. Below the step indicator, the text reads: 'Select a device type for the device that you are adding and give the device a unique ID.' There are two input fields: 'Device Type' with a dropdown menu showing 'Select or create a device type...' and 'Device ID' with a text input field containing 'Enter Device ID'. At the bottom right of the wizard, there are 'Cancel' and 'Next' buttons. Below the wizard, the 'Browse Devices' section is visible, with buttons for 'All Devices' and 'Diagnose'.

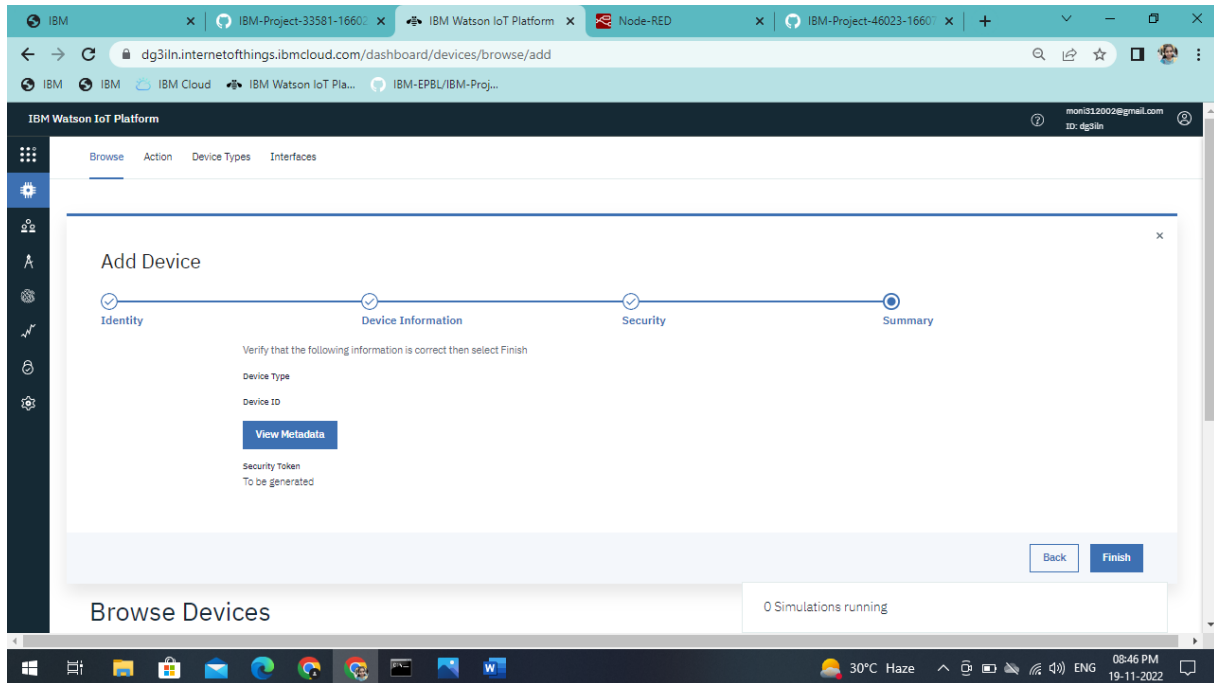
- This page to enter extra details and of the hardware

The screenshot shows the 'Add Device' wizard in the IBM Watson IoT Platform, now at the 'Device Information' step. The 'Identity' step is marked as complete with a checkmark, and the 'Device Information' step is the current active step, indicated by a blue circle. The text reads: 'You can modify the default device information and enter more information about the device for identification purposes.' The form is divided into two columns. The left column contains fields for 'Serial Number', 'Model', 'Description', and 'Hardware Version', each with a text input field. The right column contains fields for 'Manufacturer', 'Device Class', 'Firmware Version', and 'Descriptive Location', each with a text input field. At the bottom left of the form, there is an 'Add Metadata' button with a plus icon. At the bottom right of the wizard, there are 'Back' and 'Next' buttons.

10. Clicking next it goes to the security where we do authentication token id.



11. Clicking on next it goes to the summary of the device then click finish



12. The device credentials will be displayed with all the details. Save the details of the device as the authentication tokens are non-recoverable and if misplaced then we have to create a new one.

13. Clicking on the device tab we can now see the added device. Clicking on it will display the other details. It has different tabs like Identity, Device Information, State and login.

Chat with mentor

IBM-Project-46023-1660734780

Service Details - IBM Cloud

IBM Watson IoT Platform

dg3iln.internetofthings.ibmcloud.com/dashboard/devices/browse

IBMIBMIBM CloudIBM Watson IoT Pla...

IBM Watson IoT Platform

moni312002@gmail.comID: dg3iln

Browse

Action

Device Types

Interfaces

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 ID	Status	Device Type	Class ID
12345	Disconnected	nodemcu	Device

Identity

Device Information

Recent Events

State

Logs

The recent events listed show the live stream of data that is coming and going from this device.

Event	Value	Format	Last Received
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Simulations

Import/Export simulation

0/50 Simulations Running

+ New Simulation

Device Type

nodemcu

Configure Event

0 event sent

0 bytes sent

30°C

Haze

ENG

02:35 PM

18-11-2022