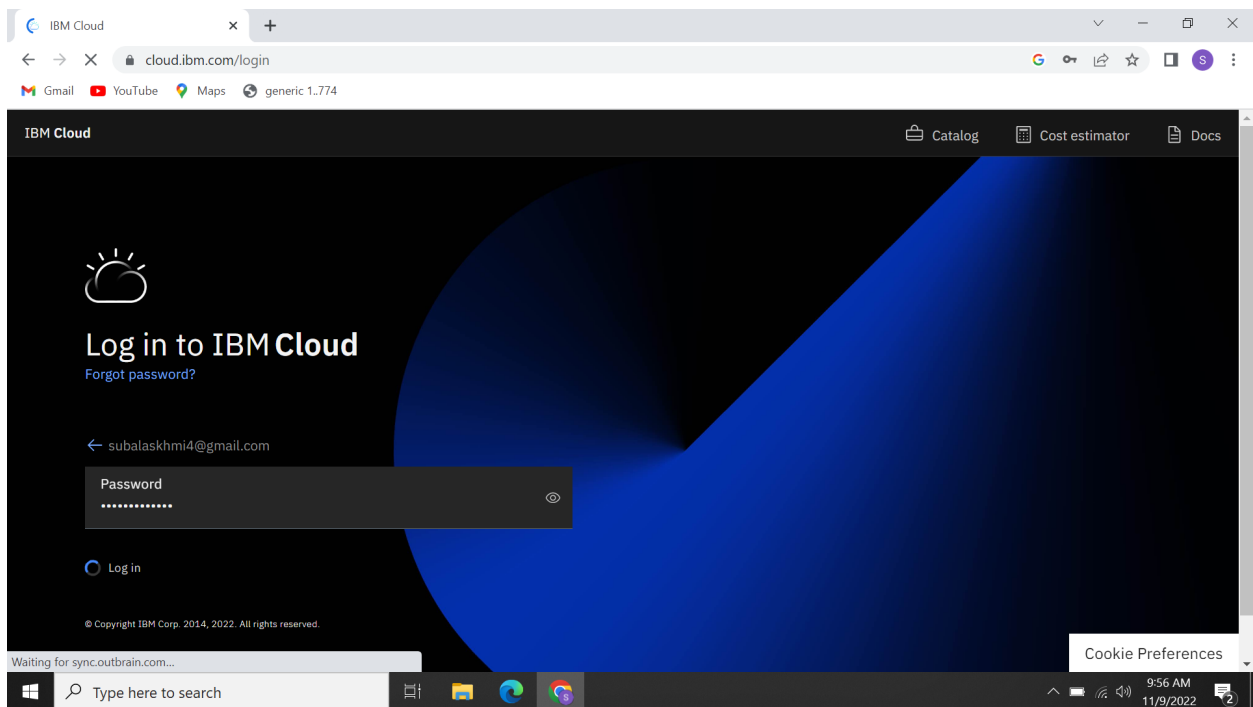


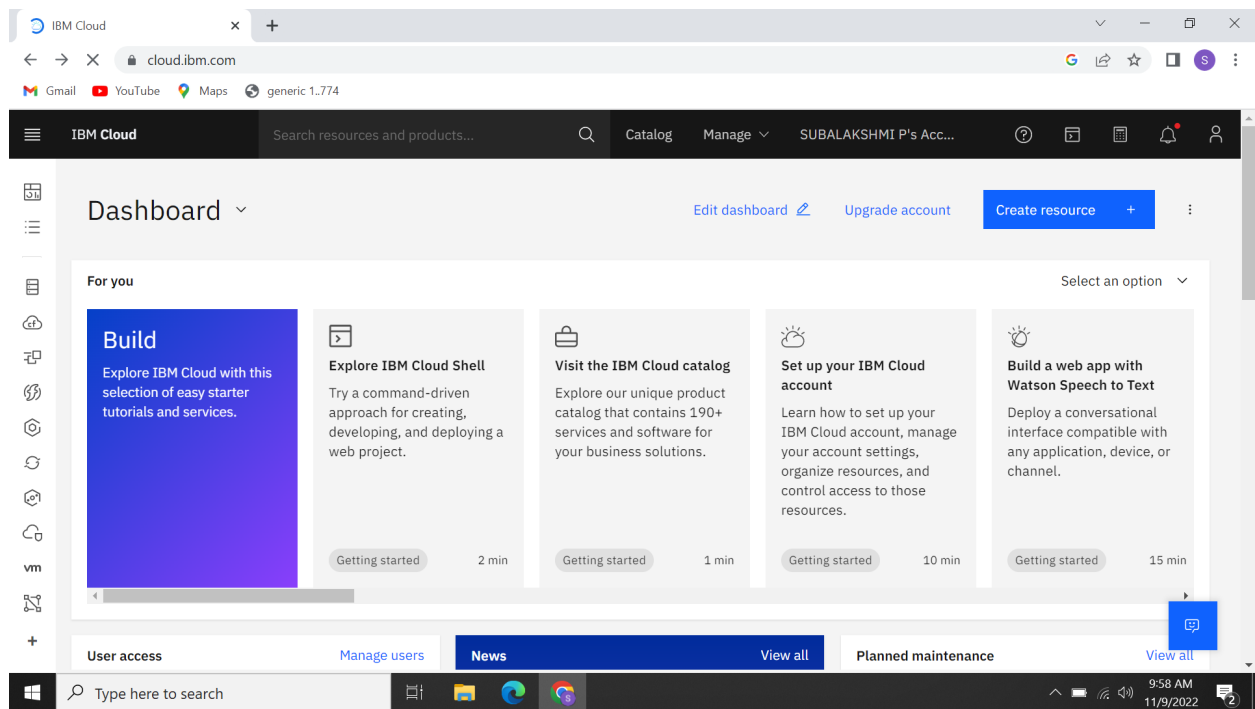
PROJECT NAME	PERSONAL ASSISTANCE FOR SENIORS WHO ARE SELF RELIANT
TEAM ID	PNT2022TMID41369

STEPS

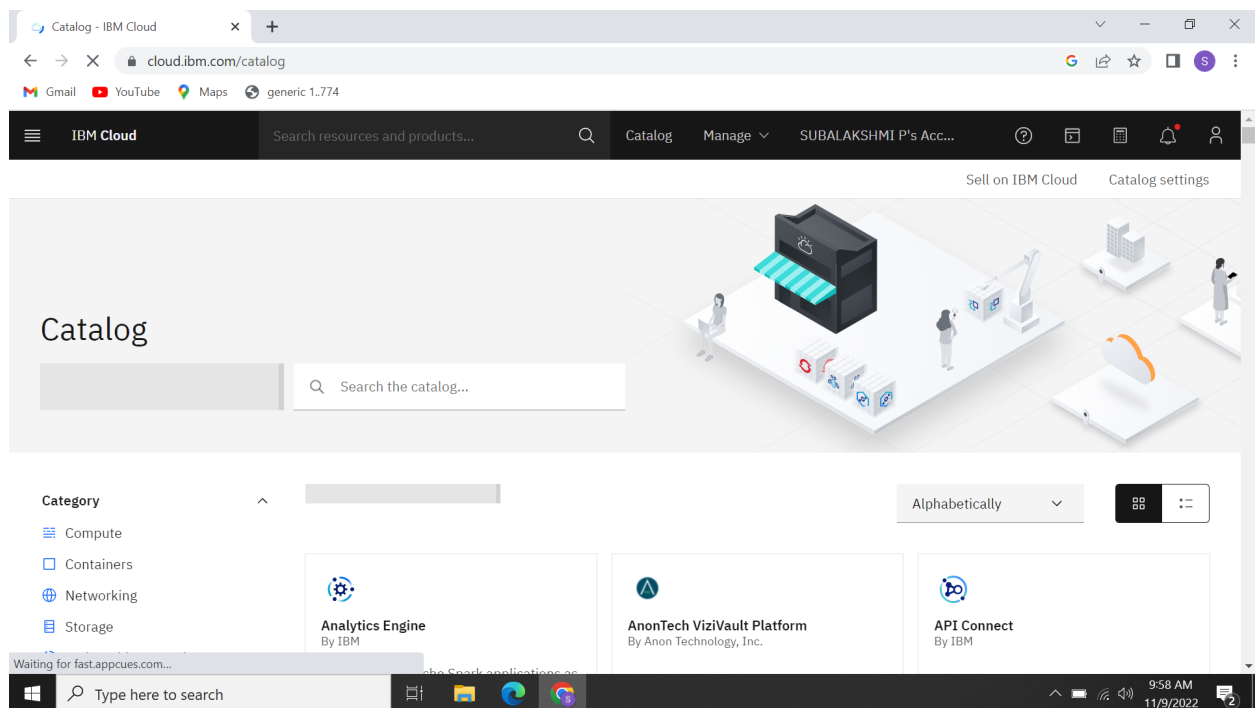
1.Firstly create an IBM cloud account with IBM ID and password.



2.Home page of IBM cloud



3.Click on the catalog on the top.



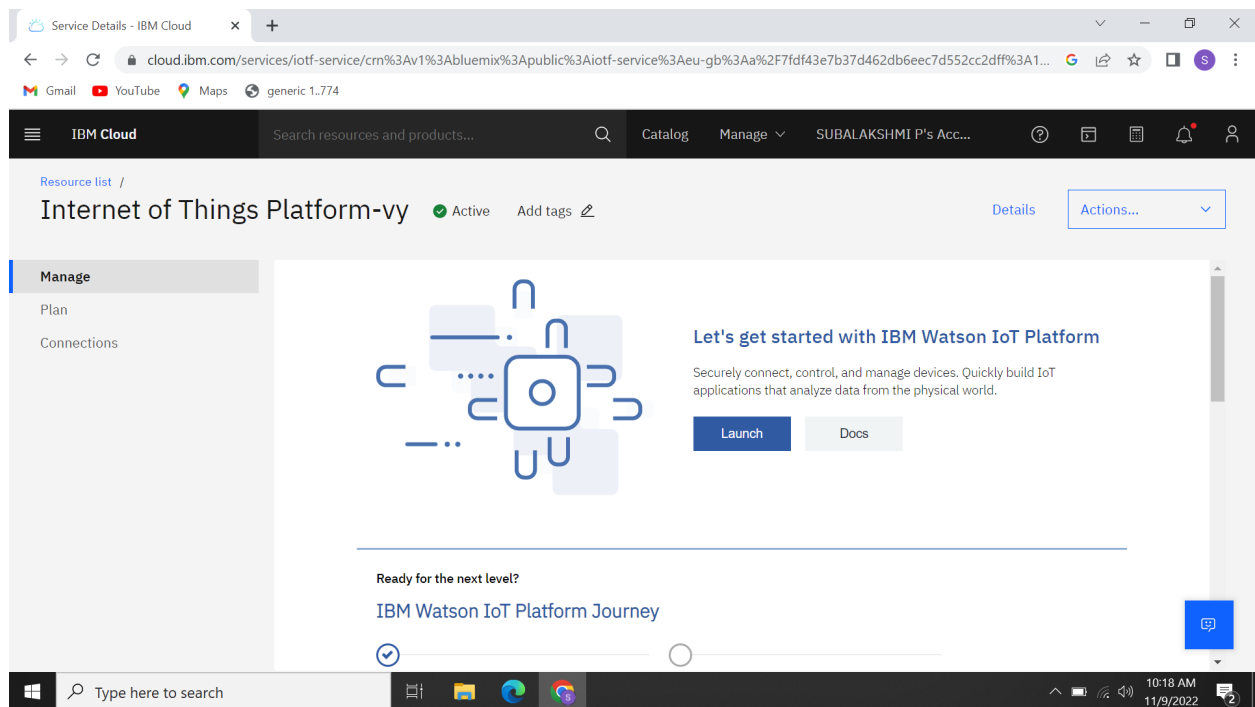
4. Click on the IOT in the category mentioned.

The screenshot shows the IBM Cloud 'Internet of Things Platform' page. The 'Create' tab is active, displaying a form to select a location and a pricing plan. The location is set to 'Frankfurt (eu-de)' and the pricing plan is 'Lite'. A summary panel on the right shows the service details: 'Internet of Things Platform', 'Free', 'Location: Frankfurt', 'Plan: Lite', 'Service name: Internet of Things Platform-g2', and 'Resource group: Default'. A warning message states: '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 bottom of the page shows a Windows taskbar with the search bar and several application icons.

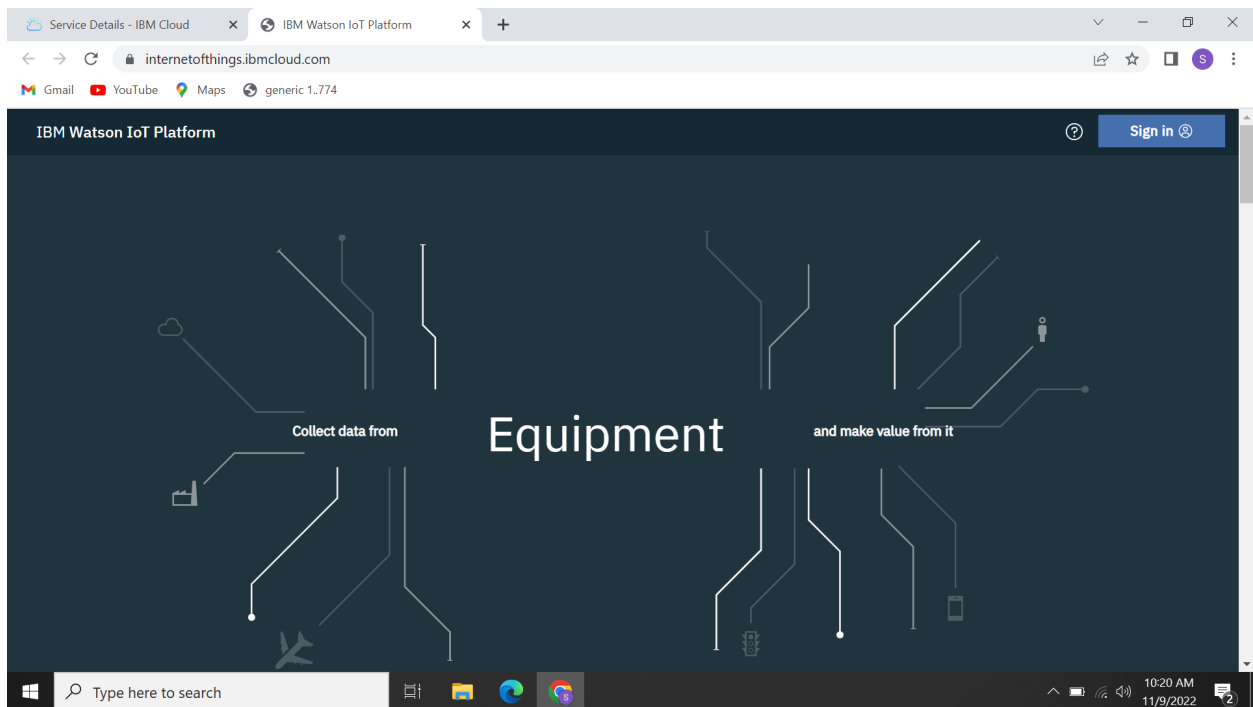
5. If already a lite is present delete it else u can't create another.

The screenshot shows the IBM Cloud 'Internet of Things Platform' page. The 'Create' tab is active, displaying a form to select a location and a pricing plan. The location is set to 'London (eu-gb)' and the pricing plan is 'Lite'. A summary panel on the right shows the service details: 'Internet of Things Platform', 'Free', 'Location: London', 'Plan: Lite', 'Service name: Internet of Things Platform-1w', and 'Resource group: Default'. A checkbox is checked, indicating 'I have read and agree to the following license agreements:'. A blue 'Create' button is visible. The bottom of the page shows a Windows taskbar with the search bar and several application icons.

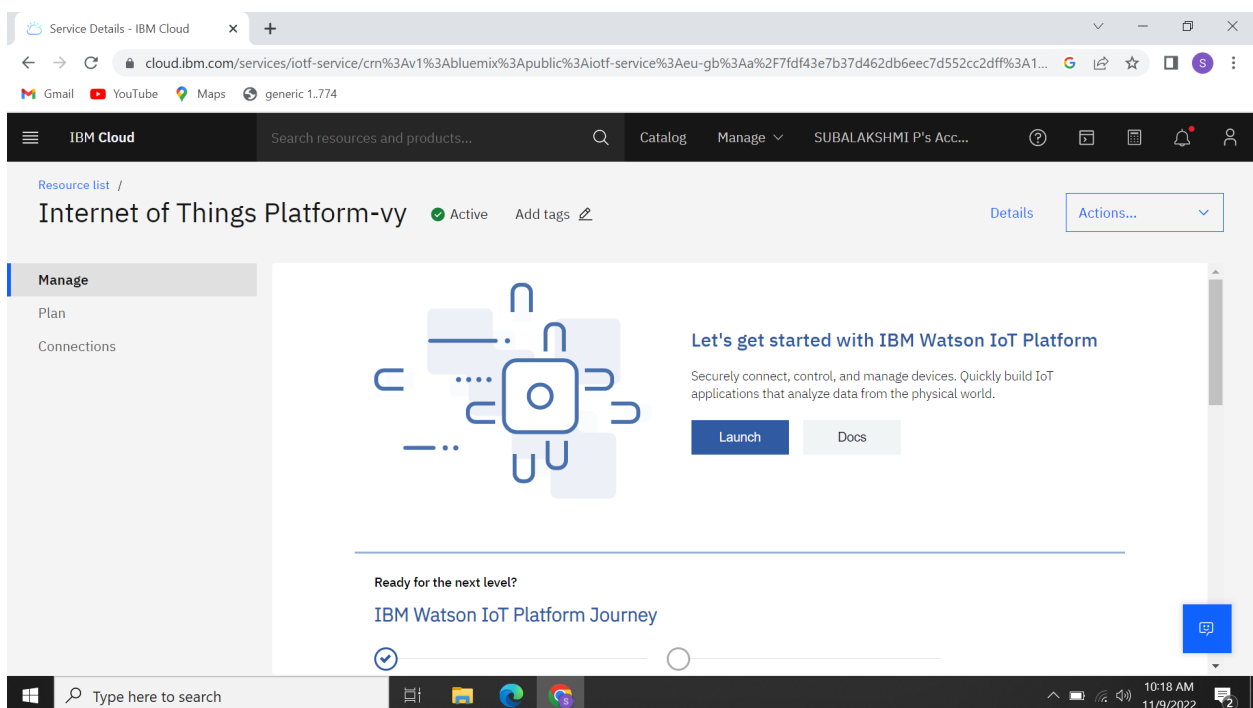
6. Enter the location and in the configure your resources type the service name and choose the plan, tick the agree with it agreements and then click on create.



7. Internet of things platform smart crop protection will be created, where there are different options like manage, plan, and connection.



8. Clicking on the launch button in the manage tab, it will open to this..



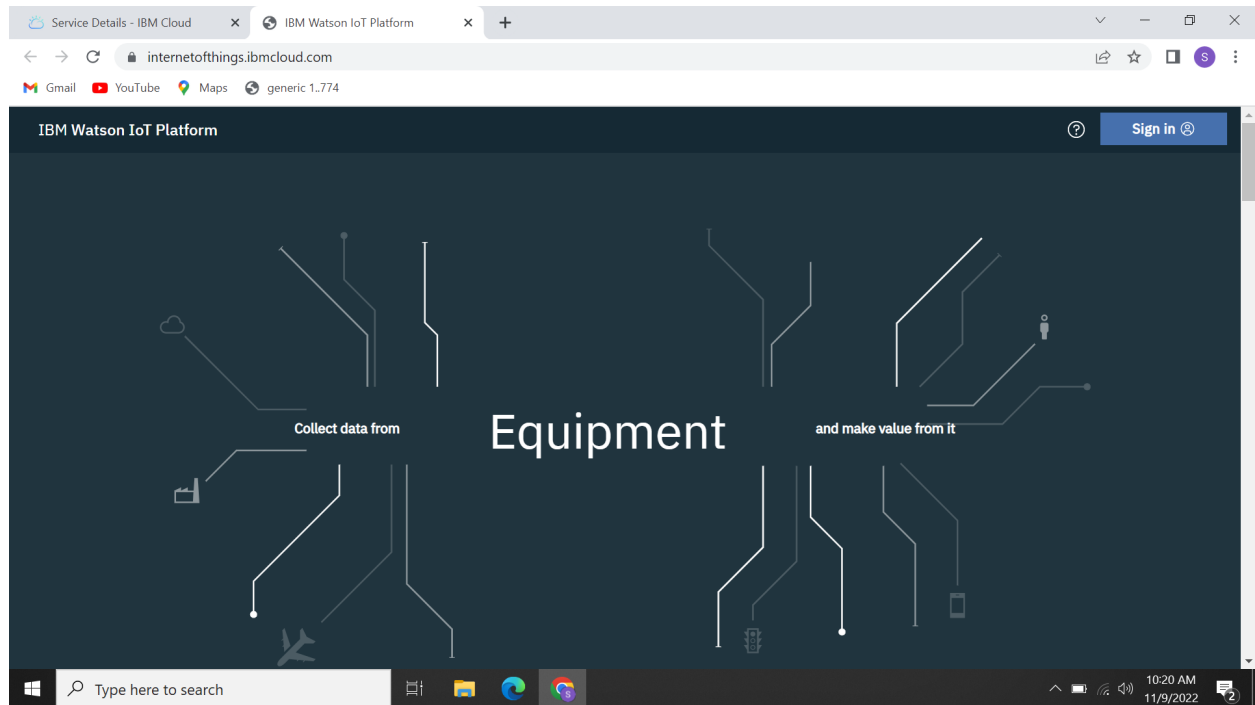
9. Enter the details to sign in to the Watson cloud to create a device.

The screenshot shows the IBM Watson IoT Platform interface. The top navigation bar includes 'Browse', 'Action', 'Device Types', and 'Interfaces'. A sidebar on the left contains icons for various functions. The main content area is titled 'Browse Devices' and features a table with columns: Device ID, Status, Device Type, Class ID, and Date Added. A search bar is located above the table, and a 'Device Simulator' toggle is on the right. The user's email 'subalaskhmi4@gmail.com' and ID 'tkuetz' are displayed in the top right corner.

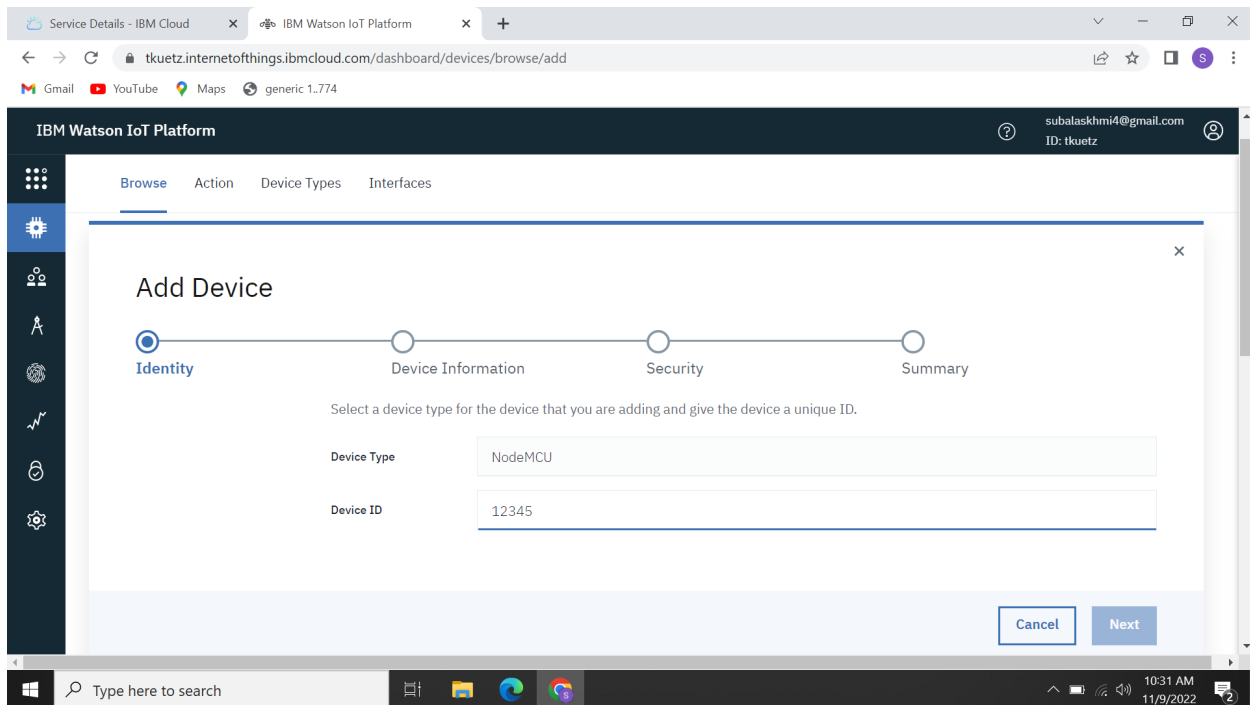
10. Once logged in the name will be displayed and it goes back to the first page.

The screenshot shows the IBM login page. The title is 'Log in to IBM'. Below the title, there is a text input field for the IBM ID, which contains the email 'subalaskhmi4@gmail.com'. A 'Remember me' checkbox is present below the input field. A blue 'Continue' button with a right arrow is located below the checkbox. At the bottom of the login form, there is a link 'Don't have an account? Create an IBMID'. Below the login form, 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', along with the text 'Powered by IBM Security Verify'. The user's email 'subalaskhmi4@gmail.com' and ID 'tkuetz' are displayed in the top right corner.

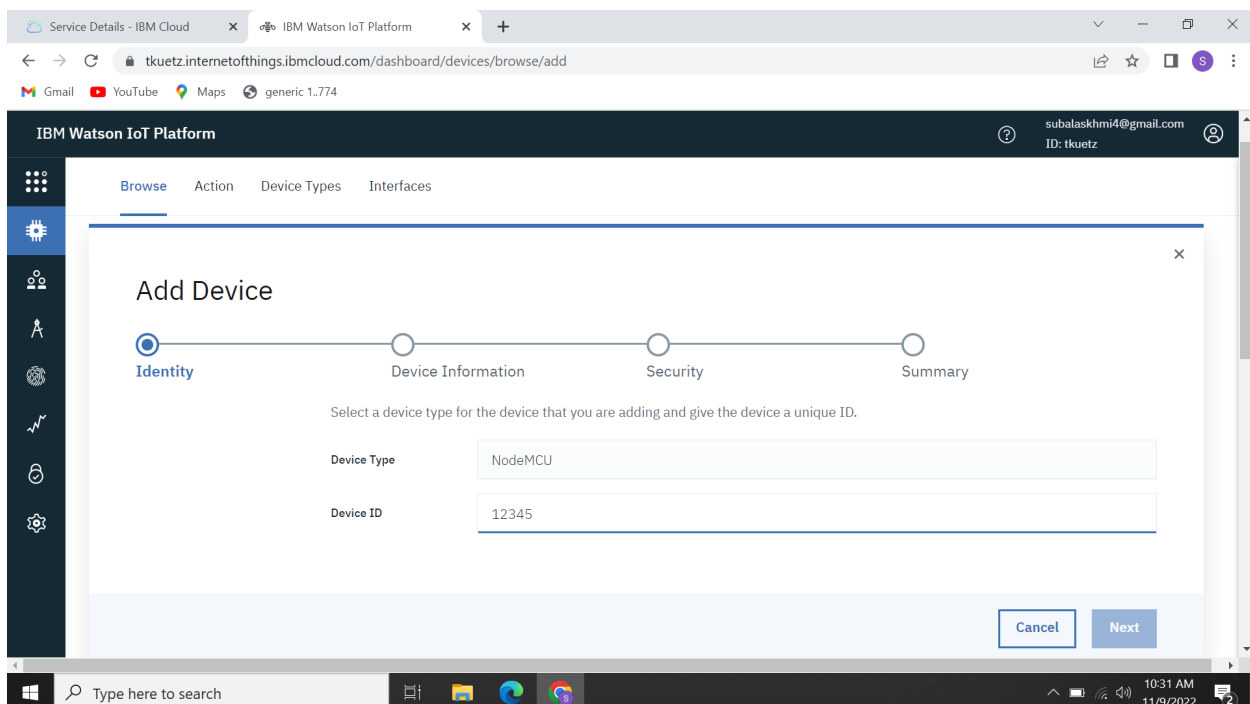
11. And again clicking on the launch button will open this tab, the device will help in the creation of the devices, the addition of devices, and the display of details of the devices.



12. The member tab is add the teams members to work in the platform.



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



14. This page to enter extra details and of the hardware.

The screenshot shows the IBM Watson IoT Platform interface. The browser address bar displays the URL: `tkuetz.internetofthings.ibmcloud.com/dashboard/devices/browse/add`. The page title is "IBM Watson IoT Platform". The user is logged in as "subalaskhmi4@gmail.com" with ID "tkuetz". The navigation menu on the left includes icons for Home, Devices, Groups, Alerts, and Settings. The main content area has a breadcrumb trail: "Browse" > "Action" > "Device Types" > "Interfaces". Below this is a progress bar with four steps: "Identity" (checked), "Device Information" (active), "Security", and "Summary". The "Device Information" section contains a form with the following fields: "Serial Number", "Model", "Description", "Hardware Version", "Manufacturer", "Device Class", "Firmware Version", and "Descriptive Location". Each field has a placeholder text "Enter [field name]". There is an "Add Metadata +" button at the bottom left of the form. At the bottom right of the page, there are "Back" and "Next" buttons. The Windows taskbar at the bottom shows the search bar, task view button, and several application icons. The system clock indicates 10:32 AM on 11/9/2022.

15. Clicking next it goes to the security where we do authentication token ID.

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

17. The device credentials will be displayed with all details.

18. Clicking on the device tab we can now see the added device. Clicking on it will display the order the other details.

It has different the like identity, device information, state and login.

The screenshot shows the IBM Watson IoT Platform interface. The browser address bar displays the URL: `tkuetz.internetofthings.ibmcloud.com/dashboard/devices/drilldown/NodeMCU:12345?returnTo=/devices/browse`. The page title is "Device Drilldown - 12345". On the left, a sidebar menu lists options: Device Credentials (selected), Connection Information, Recent Events, State, Device Information, Metadata, Diagnostics, and Connection Logs. The main content area, titled "Device Credentials", contains a table with the following details:

Organization ID	tkuetz
Device Type	NodeMCU
Device ID	12345
Authentication Method	use-token-auth
Authentication Token	12345678

The bottom of the image shows a Windows taskbar with the search bar and system tray icons, including the time 10:33 AM on 11/9/2022.

19. The Boards will display card for the project.

The screenshot shows the IBM Watson IoT Platform "Boards" page. The browser address bar displays the URL: `tkuetz.internetofthings.ibmcloud.com/dashboard/boards`. The page title is "Boards". At the top right, there is a "Create New Board" button. The main content area displays two boards: "RISK AND SECURITY OVERVIEW" (4 Cards) and "USAGE OVERVIEW" (3 Cards), both owned by the user. A large dashed box with a plus sign indicates a placeholder for a new board. Below these, the text "Boards shared with you" is visible. The bottom of the image shows a Windows taskbar with the search bar and system tray icons, including the time 10:41 AM on 11/9/2022.

RESULT:

An IBM Watson cloud for IOT and device is created.

TEAM ID : PNT2022TMID41369

TEAM LEADER : P.Subalakshmi

TEAM MEMBER 1 : N.kaviya

TEAM MEMBER 2 : S.Nivetha

TEAM MEMBER 3 : S.Sneha

TEAM SIZE : 4

MENTOR : T. RAGAVI