

Department of Computer Science and Engineering

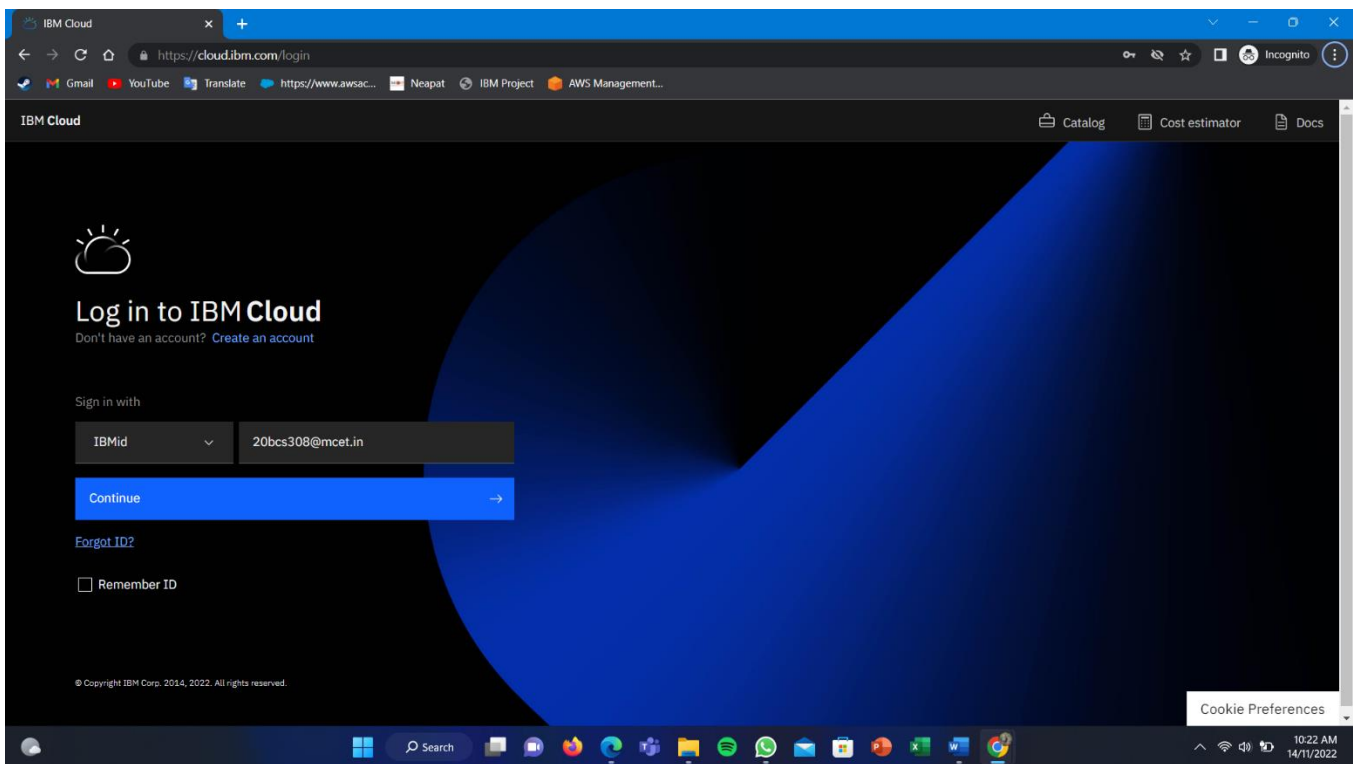
Smart Farmer-IOT Enabled Smart Farming Application

IBM NALAIYATHIRAN

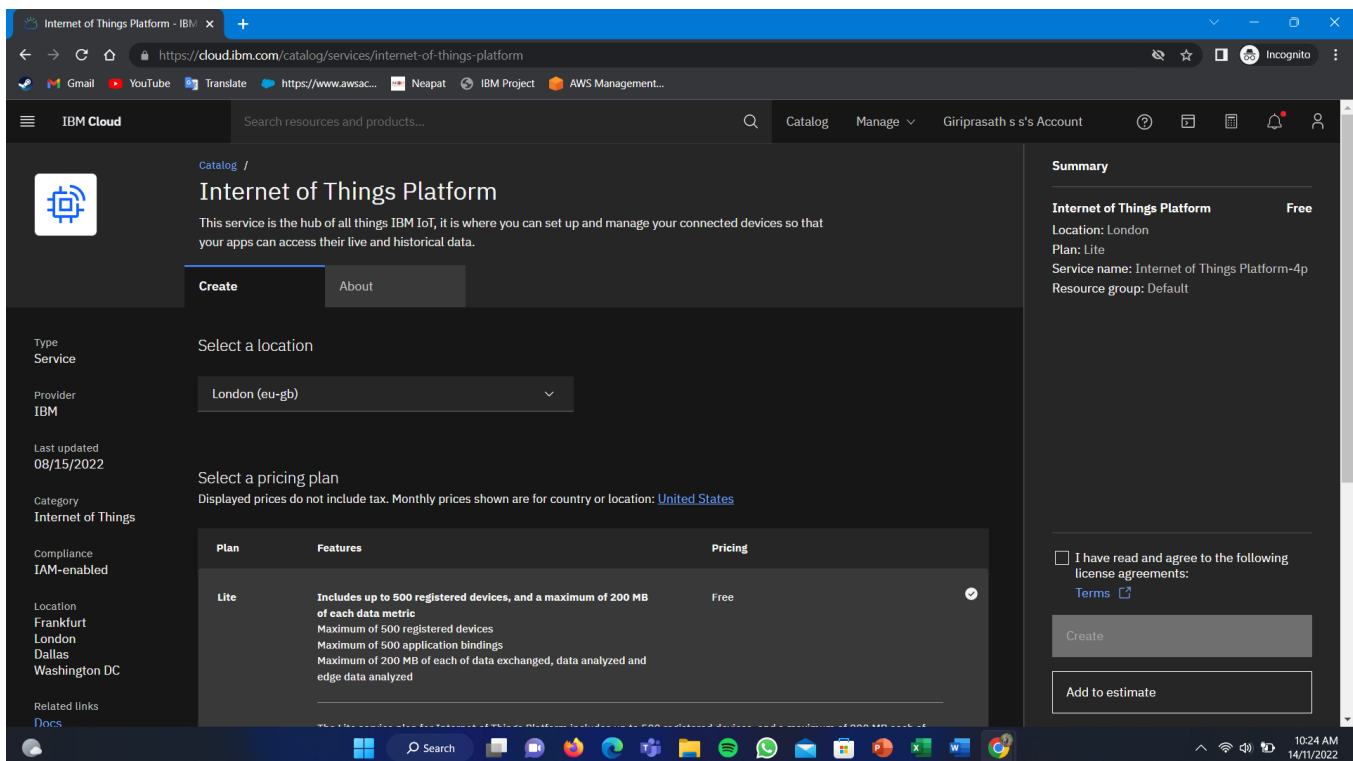
Create and Config Cloud IBM services IOT Watson Platform

TITLE	Smart Farmer-IOT Enabled Smart Farming Application
DOMAIN NAME	INTERNET OF THINGS
TEAM ID	PNT2022TMID08684
LEADER NAME	KRISHNAPRASATH U
TEAM MEMBER NAME	SIVAROHITH A GIRIPRASATH S S NIRUTHEESH R HARIHARASUTHAN M
MENTOR NAME	PRABHU K

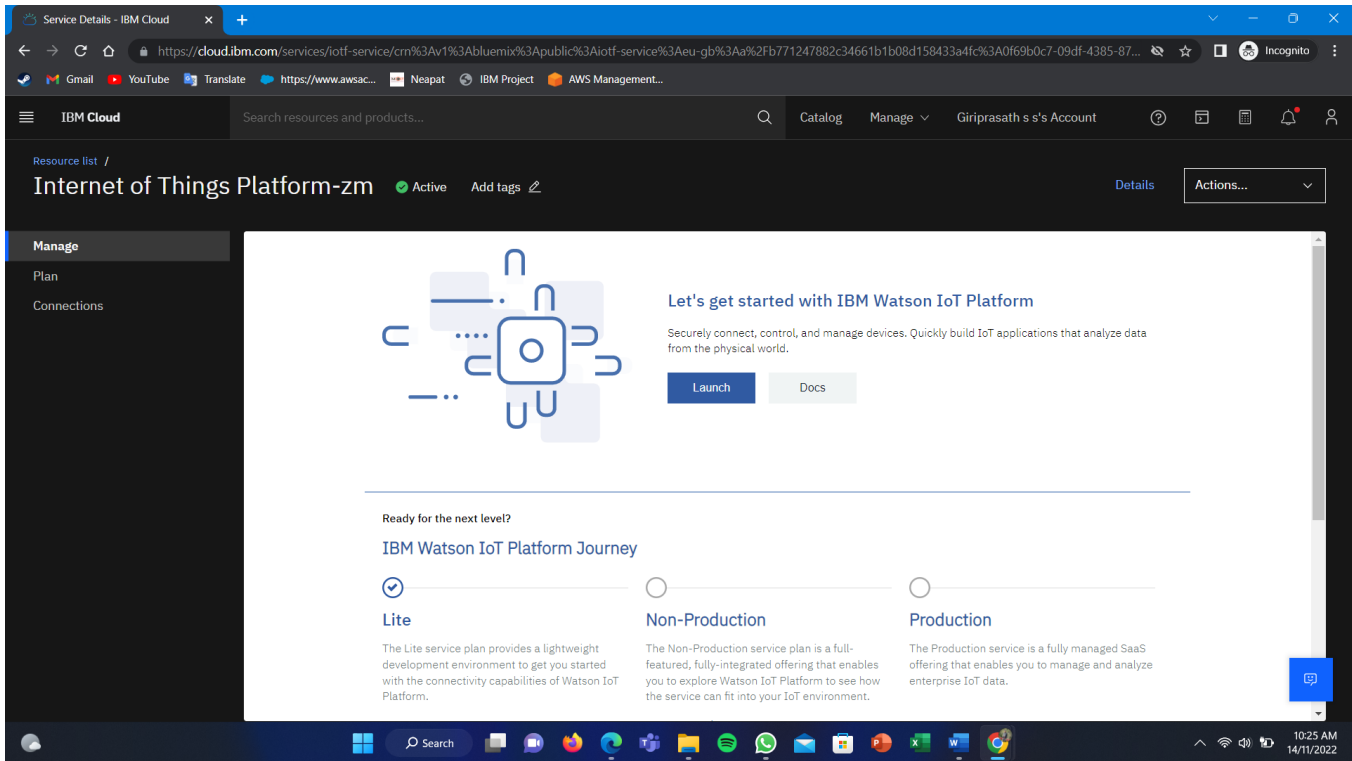
Step1: Log in your registered id



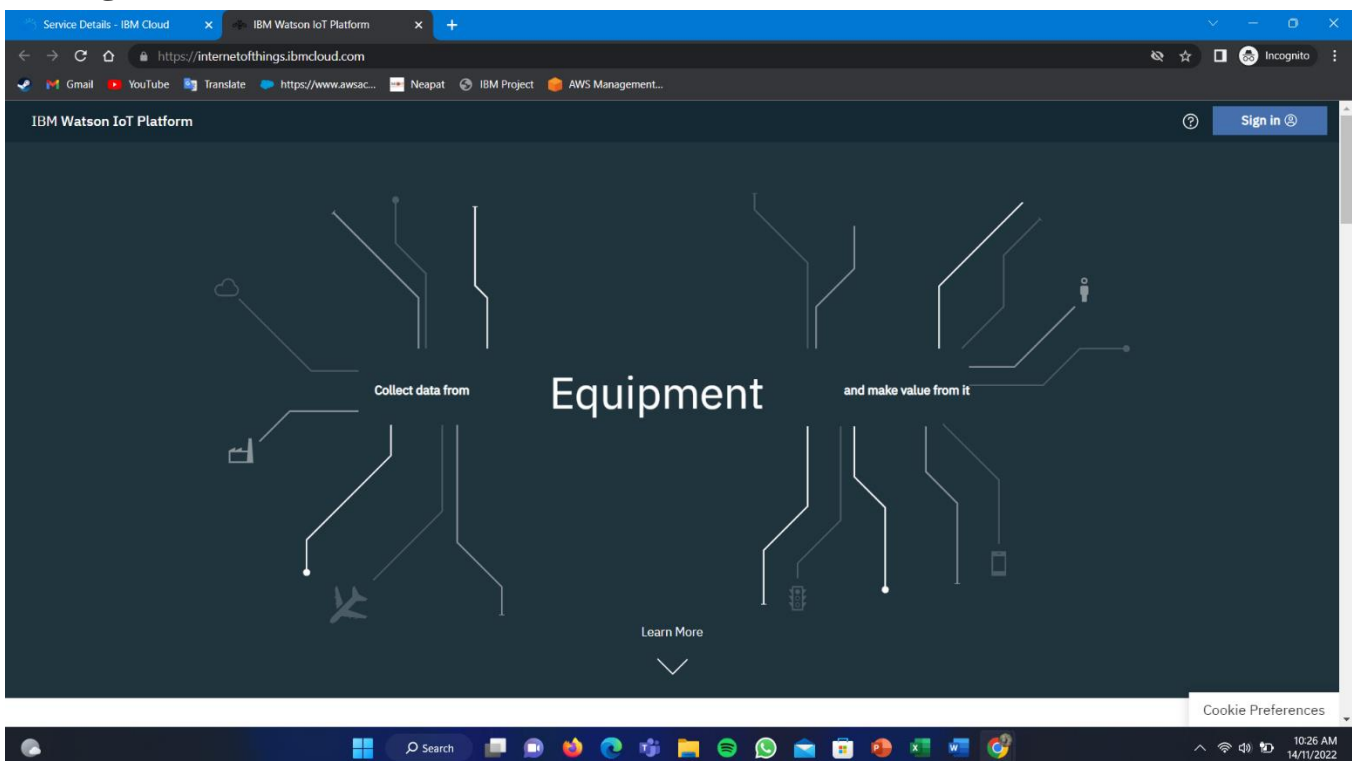
Step 2: click catalog where you find the services and internet ofthing you can select and make location as London



Step 3: click create and the launch tab get open, then click launch



Step 4: It redirect you to IBM WATSON platform where you need to click sign in



Step 5: where you find this tab which is used to add device, app, member, usage, and security can be worked

The screenshot shows the 'Browse Devices' page in the IBM Watson IoT Platform. The page has a dark blue header with the 'IBM Watson IoT Platform' logo and a user profile. Below the header, there are tabs for 'Browse', 'Action', 'Device Types', and 'Interfaces'. The 'Browse' tab is active. The main content area is titled 'Browse Devices' and includes a sub-header 'All Devices' and a 'Diagnose' button. A descriptive text 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.' Below this is a search bar labeled 'Search by Device ID' and a 'Device Simulator' toggle. A table lists the devices with columns: Device ID, Status, Device Type, Class ID, Date Added, and Descriptive Location. The table contains one row with Device ID 12, Status Disconnected, Device Type ab, Class ID Device, and Date Added Nov 5, 2022 7:56 PM. The table also includes pagination controls showing '1 of 1 page' and '1' items per page.

Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
12	Disconnected	ab	Device	Nov 5, 2022 7:56 PM	

Step 6: check boards for risk and security overview card, it usesfor graphical representation boards

The screenshot shows the 'Your boards' page in the IBM Watson IoT Platform. The page has a dark blue header with the 'IBM Watson IoT Platform' logo and a user profile. Below the header, there are tabs for 'Your boards' and 'Public boards'. The 'Your boards' tab is active. The main content area is titled 'Your boards' and includes a 'Create New Board' button. The page displays three boards: 'USAGE OVERVIEW' (3 Cards), 'SMART OFFICE' (1 Card), and 'RISK AND SECURITY OVERVIEW' (4 Cards). Each board has a trash icon, a heart icon, and a settings icon. A fourth board with a large plus sign is also visible. The page also includes a 'Sort By' dropdown menu set to 'Recently changed'.

Step 7: after clicking create a new device / add device you can choose an device type and device id and complete the following information to create a device

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

Device ID

Cancel Next

Browse Devices

Step 8: created a device of NodeMCU

IBM Watson IoT Platform

← Back

Device Drilldown - 12

Connection Information

Recent Events

State

Device Information

Metadata

Diagnostics

Connection Logs

Device Actions

Connection Information

Basic connection information about this device.

Device ID 12

Device Type ab

Date Added Nov 5, 2022 7:56 PM

Added By 20bcs308@mcet.in

Connection Status **Disconnected**

Last Connected: Nov 12, 2022 1:52 PM

Client Address: 157.51.195.97 SecureToken

Duration: 9 minutes

Data Transferred: 43.1 KB

Recent Events

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