

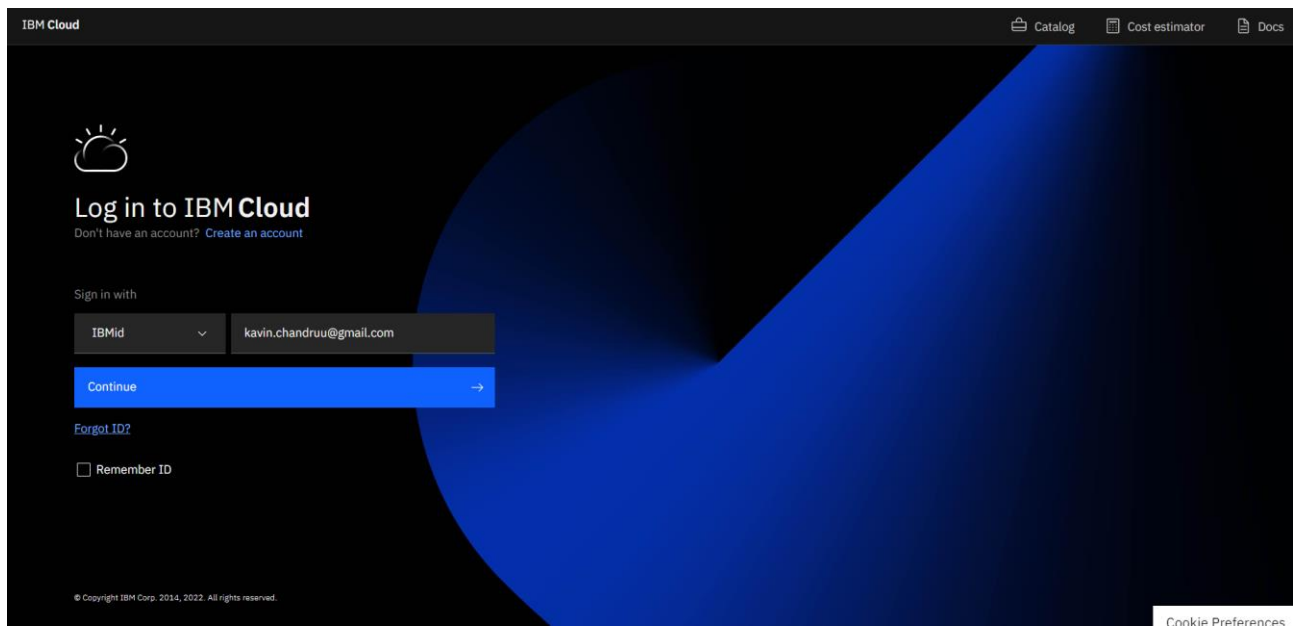
# **Smart Farmer-IOT Enabled Smart Farming Application**

**IBM NALAIYATHIRAN**

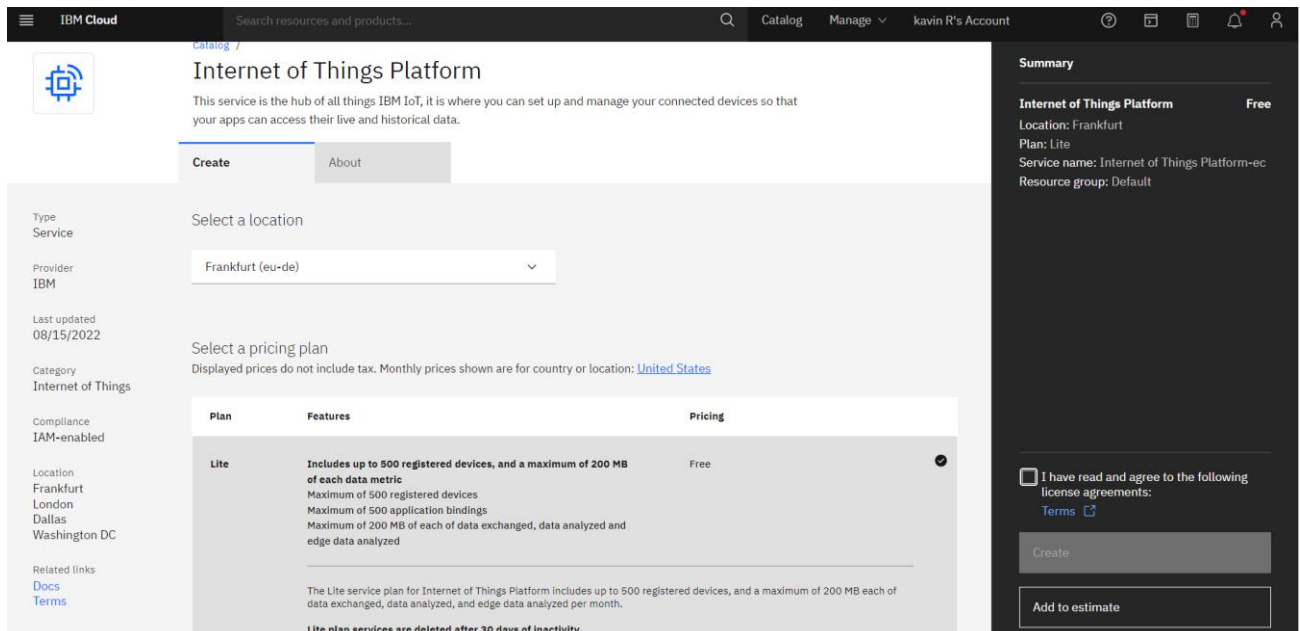
**Create and Configure IBM services  
IOT Watson Platform**

<b>TITLE</b>	<b>Smart Farmer-IOT Enabled Smart Farming Application</b>
<b>DOMAIN NAME</b>	INTERNET OF THINGS
<b>TEAM ID</b>	PNT2022TMID21910

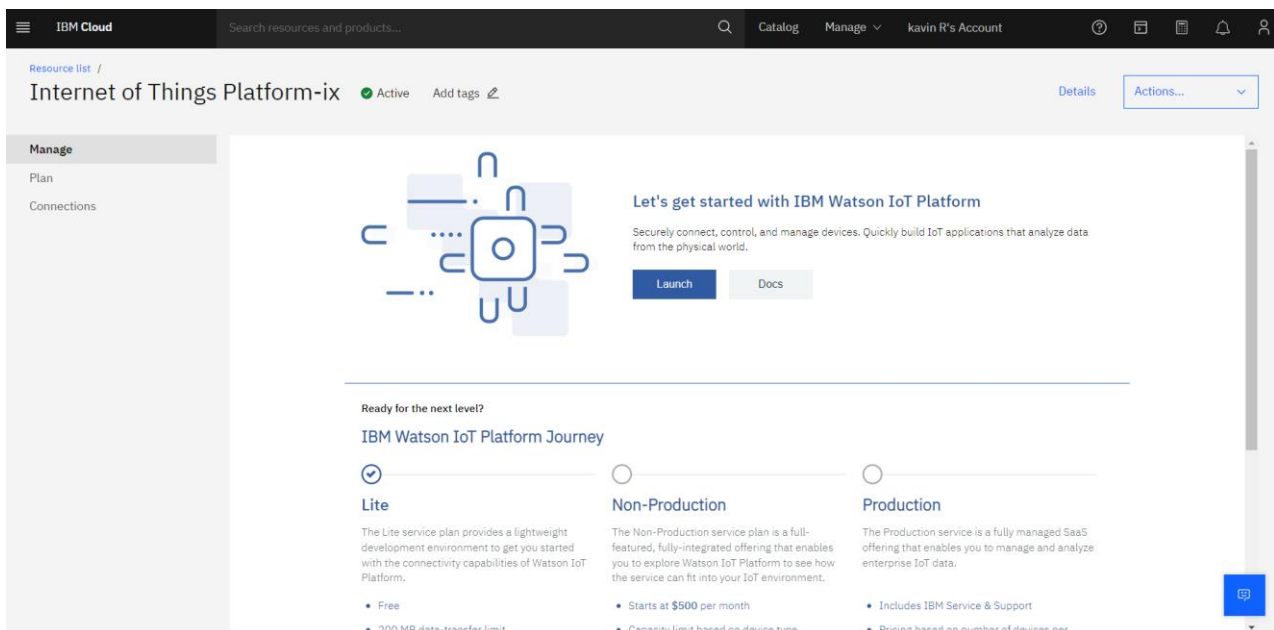
## Step1: Log in your registered id



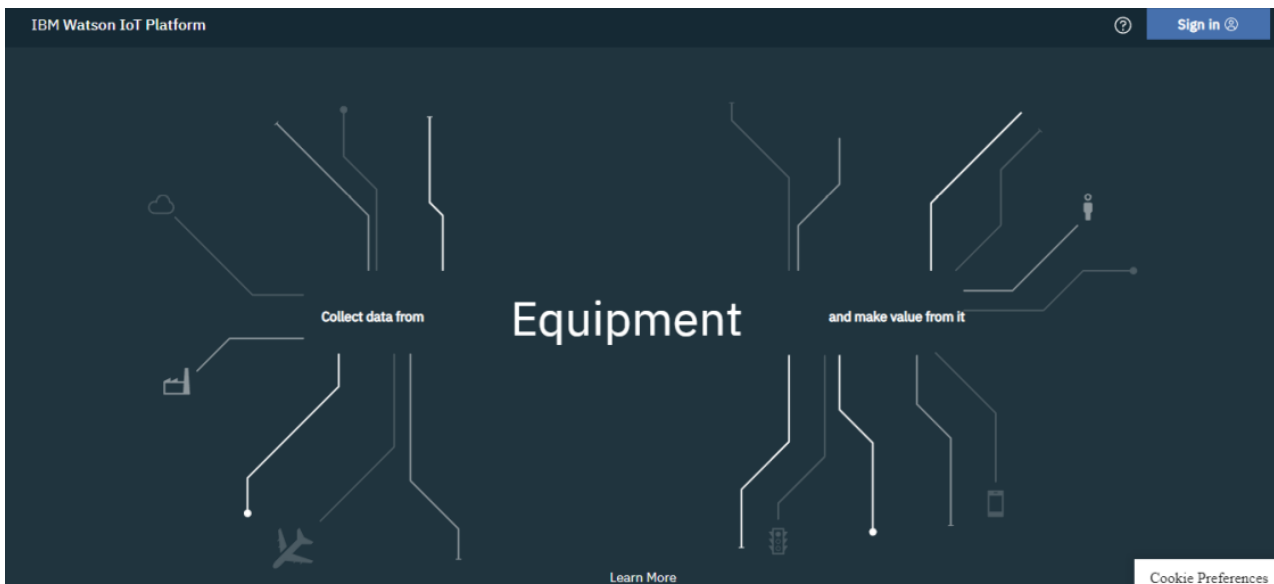
## Step 2: click catalog where you find the services and internet of thing you can select and make location as London



### 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 6: 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 top navigation bar includes 'Browse', 'Action', 'Device Types', and 'Interfaces'. A sidebar on the left contains various icons. The main content area has a 'Browse Devices' title, two tabs ('All Devices' and 'Diagnose'), and a descriptive paragraph. Below this is a search bar 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 with ID 12345, status 'Disconnected', and type 'NodeMCU'. At the bottom, there are pagination controls showing '1 of 1 page'.

Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
12345	Disconnected	NodeMCU	Device	Nov 8, 2022 10:38 PM	

## Step 7: check boards for risk and security overview card, it uses for graphical representation boards

The screenshot shows the 'Your boards' page in the IBM Watson IoT Platform. The top navigation bar includes 'Your boards' and 'Public boards'. A sidebar on the left contains various icons. The main content area has a 'Your boards' title, a 'Create New Board' button, and a 'Sort By' dropdown. Below this are two boards: 'USAGE OVERVIEW' with 3 cards and 'RISK AND SECURITY OVERVIEW' with 4 cards. A large dashed box with a plus sign is also visible. At the bottom, there is a section for 'Boards shared with you'.

**Step 8: 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**

The screenshot shows the 'Add Device' dialog box in the IBM Watson IoT Platform. The dialog has a progress bar with four steps: Identity (selected), Device Information, Security, and Summary. Below the progress bar, there is a text prompt: '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, there are 'Cancel' and 'Next' buttons. Below the dialog box, the 'Browse Devices' section is visible with 'All Devices' and 'Diagnose' buttons.

## Step 9: created a device of NodeMCU

The screenshot shows the 'Device Drilldown - 1234' page in the IBM Watson IoT Platform. The page has a left sidebar with a menu containing: Device Credentials (selected), Connection Information, Recent Events, State, Device Information, Metadata, Diagnostics, Connection Logs, and Device Actions. The main content area is titled 'Device Credentials' and contains the following information:

Organization ID	7mr6zd
Device Type	NodeMCU
Device ID	1234
Authentication Method	use-token-auth
Authentication Token	12345678

Below the table, there is a warning icon and text: 'Authentication tokens are non-recoverable. If you misplace this token, you will need to re-register the device to generate a new authentication token.' and a link: 'Find out how to add these credentials to your device'.

