



GOVERNMENT COLLEGE OF ENGINEERING
CHETTIKARAI, DHARMAPURI



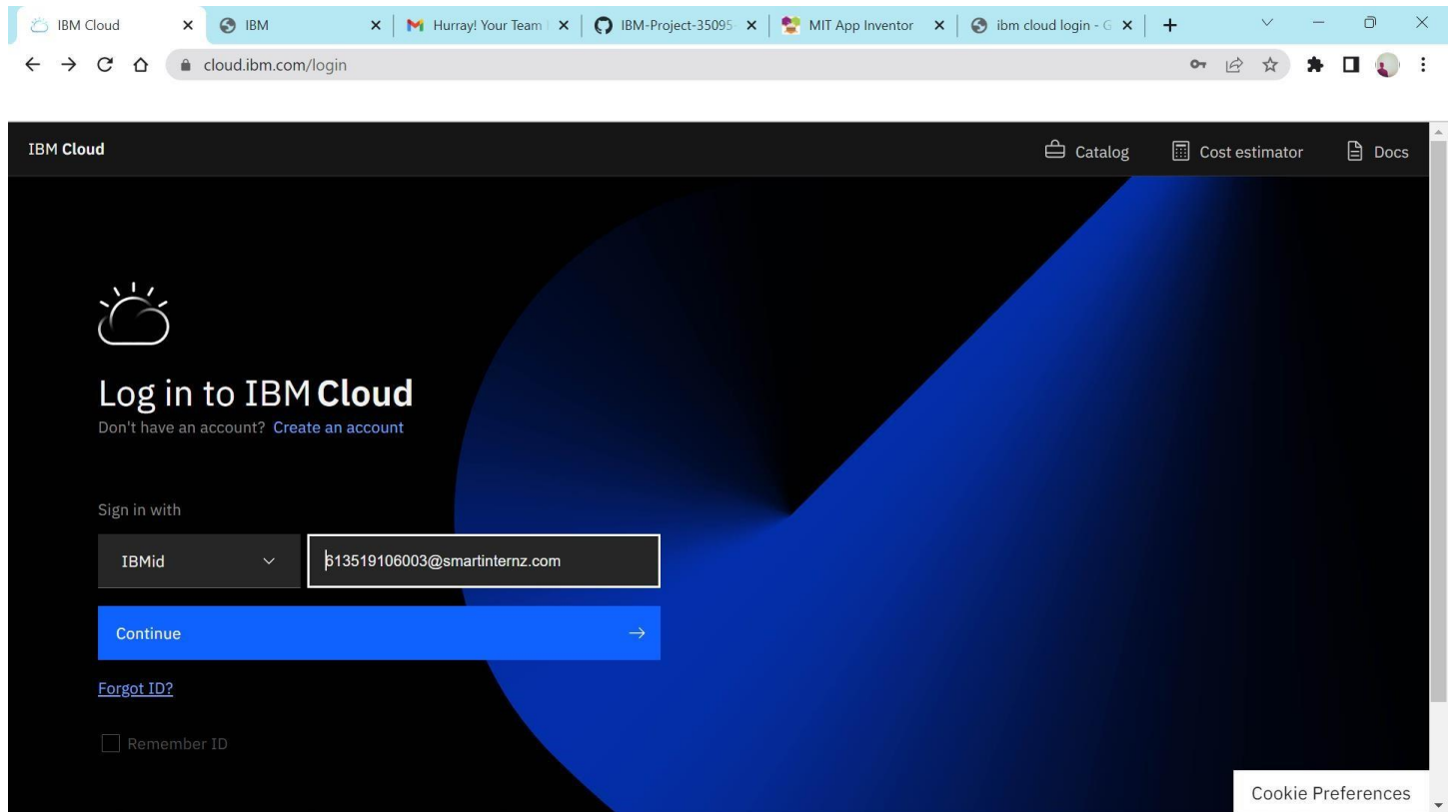
Signs with Smart Connectivity For Better Road Safety

IBM NALAIYATHIRAN

Create the IBM WATSON IoT platform and a device

TITLE	Signs with Smart Connectivity for Better Road Safety
DOMAIN NAME	INTERNET OF THINGS
TEAM ID	PNT2022TMID41261
TEAM LEADERNAME	AJAYSEKAR C
TEAM MEMBER NAME	AAKASH A DOURMILKUMAR G DHIVAGAR K
MENTOR NAME	Dr. DINESH G

Step 1: Create an account



2: Click catalogue where you find the services and internet of thing you can and make location as London

Step

Resource list - IBM

IBM

Hurray! Your Team

IBM-Project-35095

MIT App Inventor

ibm cloud login - G

+

cloud.ibm.com/resources

IBM Cloud

Search resources and products...

Catalog

Manage

AJAYSEKAR C's Account

Resource list

Create resource

Name	Group	Location	Product	Status	Tags
Filter by name or IP address...	Filter by group or org.	Filter...	Filter...	Filter...	Filter...
Analytics (0)					
Blockchain (0)					
Databases (2+)					
Developer tools (5+)					
Logging and monitoring (0)					
Migration (0)					
Integration (0+)					
Internet of Things (1)					
Internet of Things Platform-01	Default	Frankfurt	Internet of Things Platf...	Active	
Security (0)					
Mobile (0)					
Other (0+)					

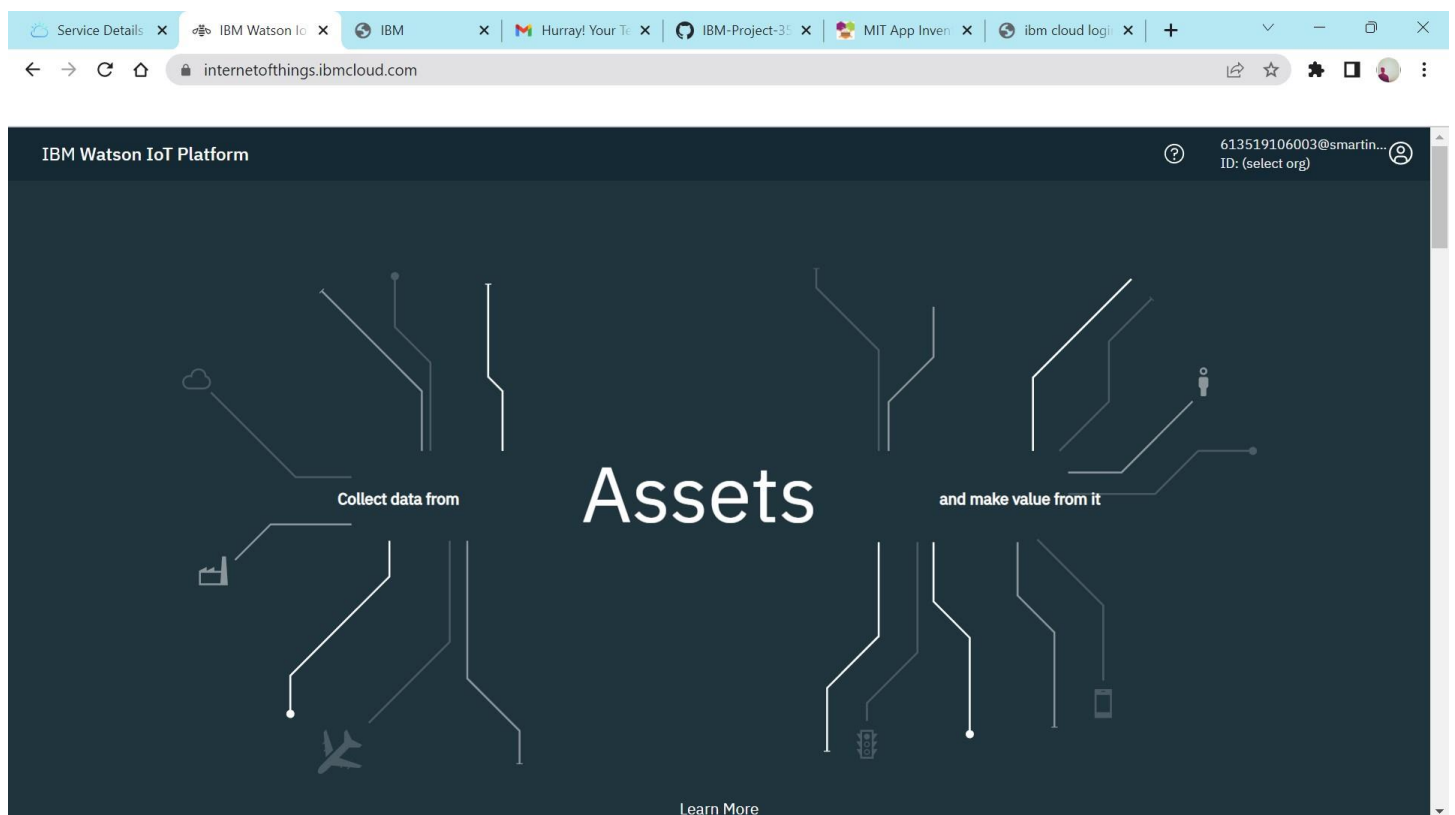
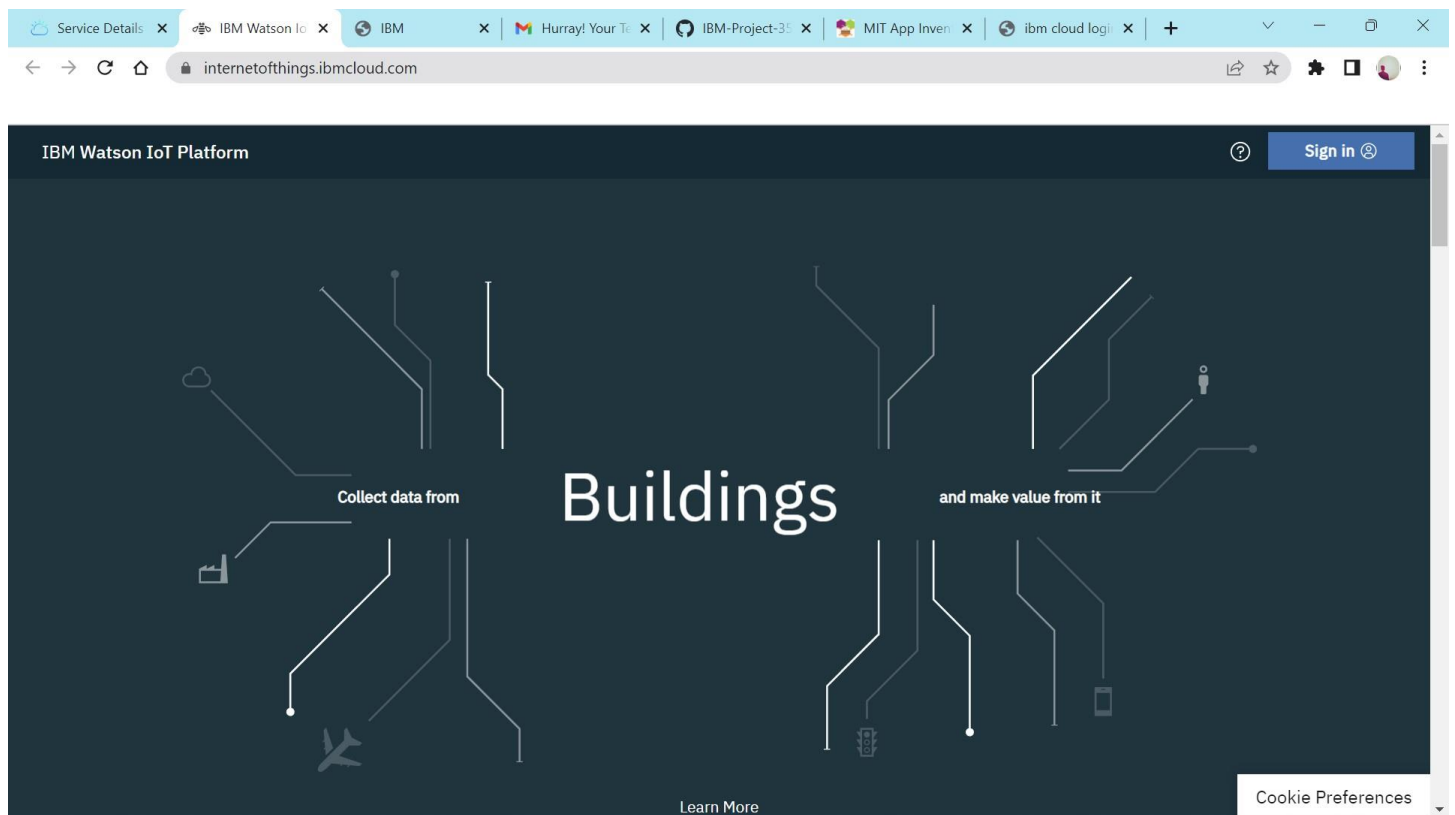
Step

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

The screenshot displays the IBM Cloud console interface. At the top, there's a navigation bar with the IBM Cloud logo, a search bar, and user account information (AJAYSEKAR C's Account). Below this, a sidebar on the left contains a 'Resource list' and a 'Manage' tab. The main content area shows the details for 'Internet of Things Platform-01', which is marked as 'Active'. A large diagram of a device connected to a cloud is visible. To the right of the diagram, there's a section titled 'Let's get started with IBM Watson IoT Platform' with a 'Launch' button. Below this, a section titled 'Ready for the next level?' shows a progress bar with two options: 'Lite' (selected) and 'Non-Production'.

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

Step



5:

Step

Where you find tab which is used to add device, app, member, usage, and security can be worked

The screenshot shows the IBM Watson IoT Platform dashboard. The top navigation bar includes tabs for 'Service Details', 'IBM Watson IoT', 'IBM', 'Hurray! Your Te...', 'IBM-Project-3...', 'MIT App Inven...', and 'ibm cloud logi...'. The browser address bar shows the URL 'mpt0iq.internetofthings.ibmcloud.com/dashboard/devices/browse'. The dashboard header displays the user's email '613519106003@smartinternz.com' and ID 'mpt0iq'. The main content area has a 'Browse' tab selected, with a search bar 'Search by Device ID' and a 'Device Simulator' toggle. A table lists devices, with the first device having ID '888', status 'Disconnected', type 'dynamicboard', and class 'Device'. Below the table, a detailed view for device '888' is shown, including its identity, device information, recent events, state, and logs. The connection status is 'Disconnected' with details on the last connection and data transfer.

Device ID	Status	Device Type	Class ID	Date Added
888	Disconnected	dynamicboard	Device	Nov 5, 2022 10:37 AM

Identity	Device Information	Recent Events	State	Logs
Device ID	888			
Device Type	dynamicboard			
Date Added	Nov 5, 2022 10:37 AM			
Added By	613519106003@smartinternz.com			
Connection Status	Disconnected			
	Last Connected: Nov 10, 2022 6:16 PM			
	Client Address: 106.197.38.69 SecureToken			
	Duration: 21 minutes			
	Data Transferred: 51.9 KB			

0 Simulations running

Step 6: Check boards for risk and security overview card, it uses for graphical representation board

The screenshot shows the IBM Watson IoT Platform dashboard. The top navigation bar includes the platform name, a user profile, and a 'Create New Board' button. The main area displays three boards: 'DYNAMIC' (3 Cards), 'USAGE OVERVIEW' (3 Cards), and 'RISK AND SECURITY OVERVIEW' (4 Cards). A fourth board slot is empty with a large plus sign. Below the boards, it says 'Boards shared with you' and '0 Simulations running'. The browser address bar shows the URL: `mpt0iq.internetofthings.ibmcloud.com/dashboard/boards/`.

The screenshot shows the 'dynamic' board in detail. The top navigation bar includes the platform name, a user profile, and buttons for 'Add New Card' and 'Settings'. The main area displays three cards: 'Line chart' (showing a line graph with values -2, -4, -6), 'Donut chart' (showing a donut chart with 'Total 49.0'), and 'Device Properties' (showing 'Device name 888' and 'Condition for Direction 13 seconds ago'). A status bar at the bottom indicates '0 Simulations running'. The browser address bar shows the URL: `mpt0iq.internetofthings.ibmcloud.com/dashboard/boards/40b7d0cb-638d-476a-931b-8b0d12c5c9c5`.

Service Details x IBM Watson IoT x IBM x Hurray! Your Te x IBM-Project-3 x MIT App Inven x ibm cloud logi x +

mpt0iq.internetofthings.ibmcloud.com/dashboard/boards/40b7d0cb-638d-476a-931b-8b0d12c5c9c5

IBM Watson IoT Platform 613519106003@smartinternz.com ID: mpt0iq

dynamic + Add New Card Settings

Device name	888
Condition_for_Direction	3 seconds ago
As Your Wish	
Condition_for_Speed	3 seconds ago
Speed Limit is 30 km\hr	
Condition_for_Speed_limit_School	3 seconds ago
Speed Limit is 30 km\hr	
Distance_for_Hospital	24 seconds ago
135.0 meters	
Restaurant_distance	3 seconds ago
47.0 meters	
Schooltime	3 seconds ago
18.0 hours	
Temperature	4 seconds ago
-18.0 °C	

0 Simulations running

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

IBM Watson IoT Platform

613519106003@smartinternz.com
ID: mpt0iq

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

dynamicboard

Device ID

888

0 Simulations running