


Project Development Phase Delivery of Sprint 1

Date	29 October 2022
Team ID	PNT2022TMID14764
Project Name	Project –Gas leakage monitoring and alerting system for industries

Step 1:login to ibm cloud

IBM Cloud

CatalogCost estimatorDocs



Log in to IBM Cloud

Don't have an account? [Create an account](#)

Sign in with

IBMid

rishekishris@gmail.com

Continue →

[Forgot ID?](#)


☐ Remember ID


© Copyright IBM Corp. 2014, 2022. All rights reserved.


Cookie Preferences


Step 2: Logged in to IBM cloud account

IBM Cloud

 Catalog

 Cost estimator

 Docs




Log in to IBM Cloud

[Forgot password?](#)

← rishekeshris@gmail.com

Password

.....

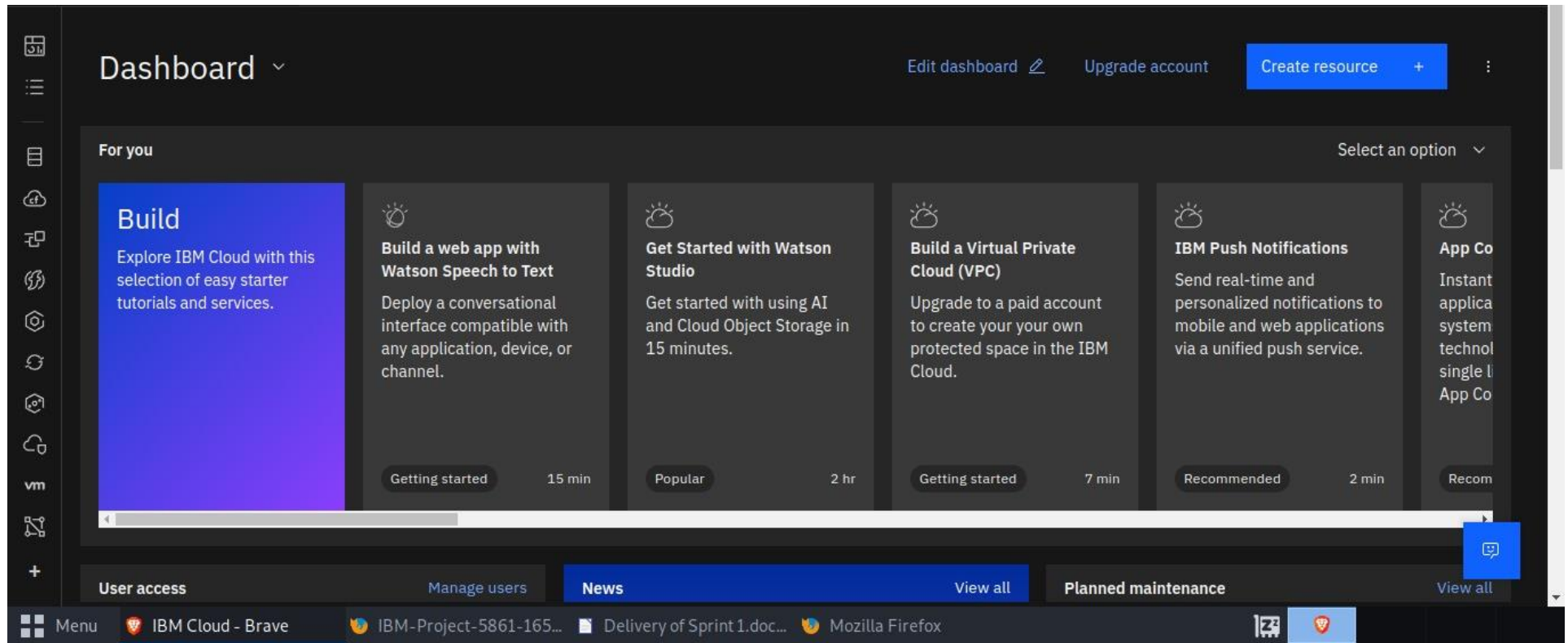


Log in

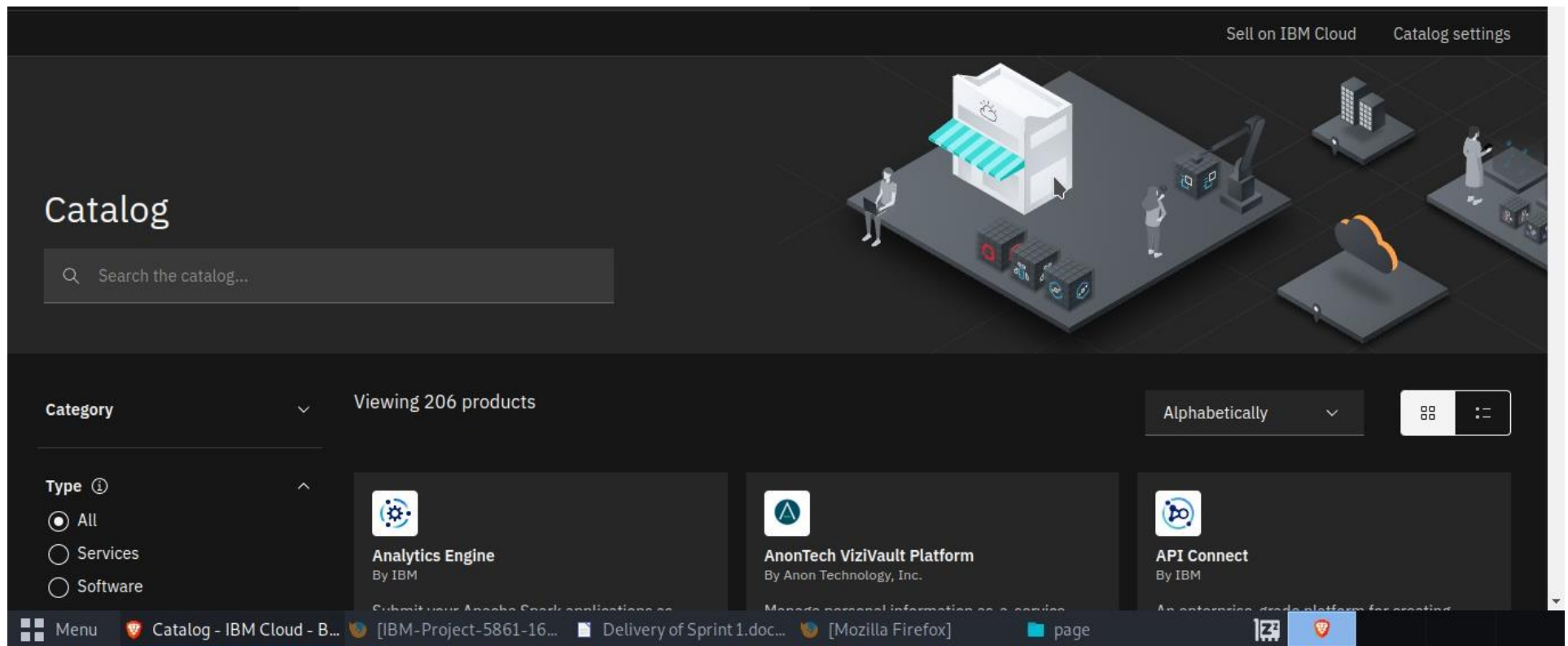
© Copyright IBM Corp. 2014, 2022. All rights reserved.

Cookie Preferences

Step 3: Click on Catalog to search Internet Of Things



Step 4: search for Internet of Things Platform and login to and finished further processes



Step 5: After clicking on Resource list select Internet of things platform and click on launch

[Resource list](#) /

Internet of Things Platform-fm

Active

Add tags

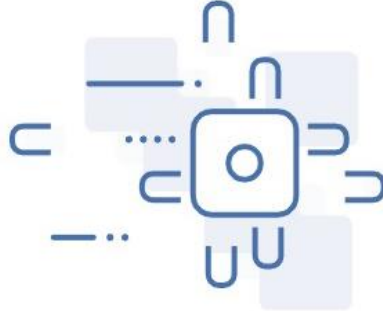
[Details](#)

Actions...

Manage

Plan

Connections



Let's get started with IBM Watson IoT Platform

Securely connect, control, and manage devices. Quickly build IoT applications that analyze data from the physical world.

Launch

Docs

Ready for the next level?

IBM Watson IoT Platform Journey

✓

Menu

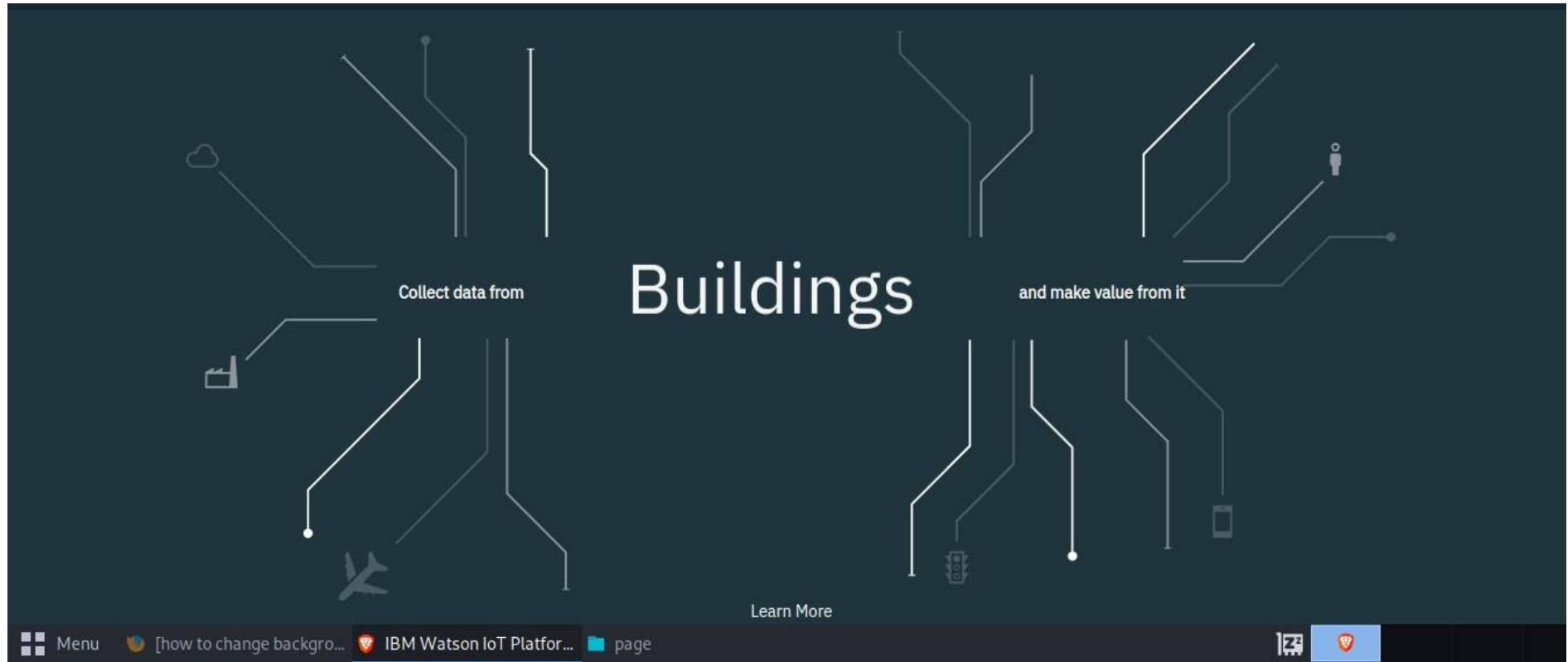
[how to change backgro...

Service Details - IBM CL...

page

124


Step 6: Refresh the page and the login page will appear.



Step 7: Login Into the window for IBM Watson and find the created Device

IBM Cloud

CatalogCost estimatorDocs



Log in to IBM Cloud

Don't have an account? [Create an account](#)

Sign in with

IBMid

rishekeshris@gmail.com

Continue →

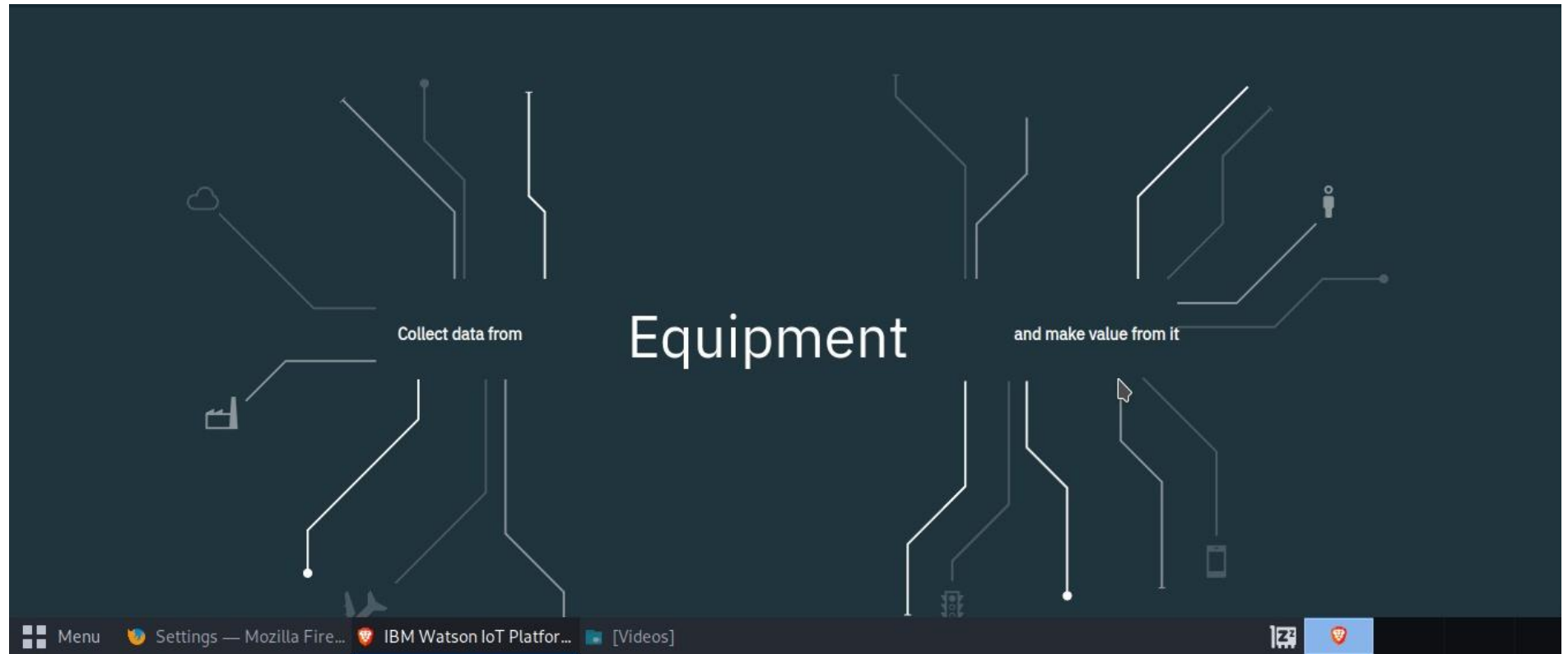
[Forgot ID?](#)

☐ Remember ID

© Copyright IBM Corp. 2014, 2022. All rights reserved.

Cookie Preferences

Step 8 : Then click on the profile and click on the bluemix with organization id



Step 9 : Then turn on device simulator and then create a random function for Temperature, Humidity and Gas Level.

Browse

Action

Device Types

Interfaces

Add Device +

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.

Q Search by Device ID

Device Simulator ☒

101

<input type="checkbox"/>	Device ID	Status	Device Type	Class ID	Date Added
> <input type="checkbox"/>	Rishekeshris	Disconnected	Gas_Geakage_Detector	Device	7 Nov 2022 19:02

Items per page 50 | 1-1 of 1 item

1 of 1 page

<

1

>

0 Simulations running

Menu

Settings — Mozilla Fire...

IBM Watson IoT Platfor...

[Videos]

123

Step 10: This is the output for random Temperature, Humidity, Gas Level

The screenshot shows a web-based IoT dashboard. At the top, there are navigation tabs: 'Browse', 'Action', 'Device Types', and 'Interfaces'. On the right, there is a blue button labeled 'Add Device' with a plus icon. Below the navigation, a header bar displays the selected device: 'Udayakpr007' (with a dropdown arrow), 'Connected' (with a green dot), 'Gas_Leakage_Detector', 'Device', and the timestamp '7 Nov 2022 19:02'. On the left side, there is a vertical sidebar with icons for home, users, a person, a fingerprint, a signal wave, a lock, and a gear. The main content area has tabs for 'Identity', 'Device Information', 'Recent Events' (which is active), 'State', and 'Logs'. A message states: 'The recent events listed show the live stream of data that is coming and going from this device.' Below this is a table with the following data:

Event	Value	Format	Last Received
IoTSensor	{"temp":88,"Humid":98,"gas":75}	json	a few seconds ago
IoTSensor	{"temp":78,"Humid":42,"gas":43}	json	a few seconds ago
IoTSensor	{"temp":80,"Humid":89,"gas":83}	json	a few seconds ago
IoTSensor	{"temp":59,"Humid":3,"gas":15}	json	a few seconds ago
IoTSensor	{"temp":1,"Humid":90,"gas":57}	json	a few seconds ago

At the bottom of the screen, there is a Windows taskbar with icons for the Start menu, search, task view, File Explorer, Microsoft Store, Edge, and other applications. The system tray on the right shows 'ENG IN', network and volume icons, and the date/time '13:22 13/11/2022'.