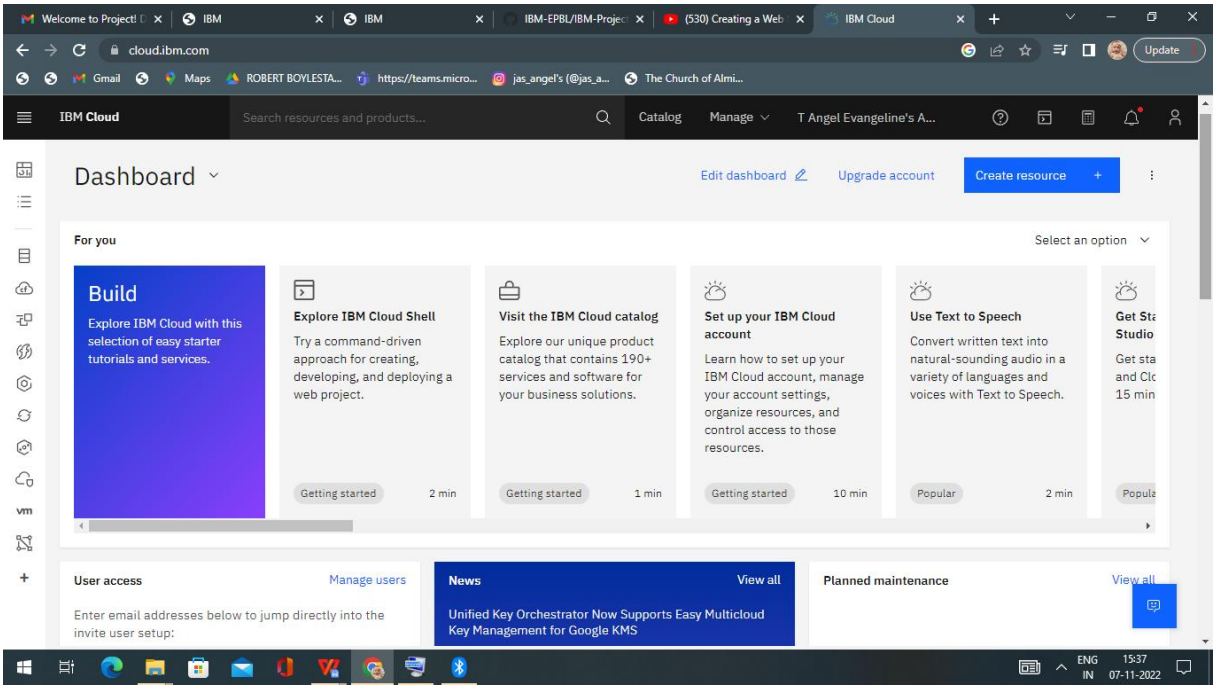
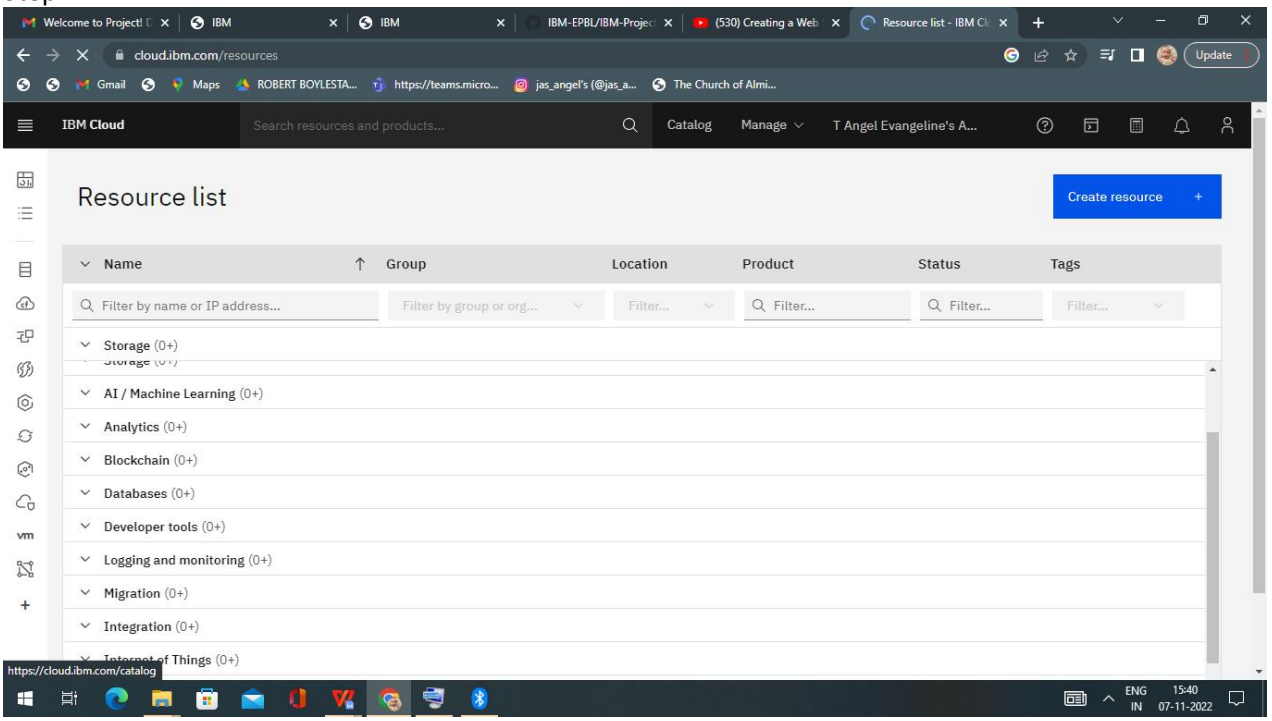
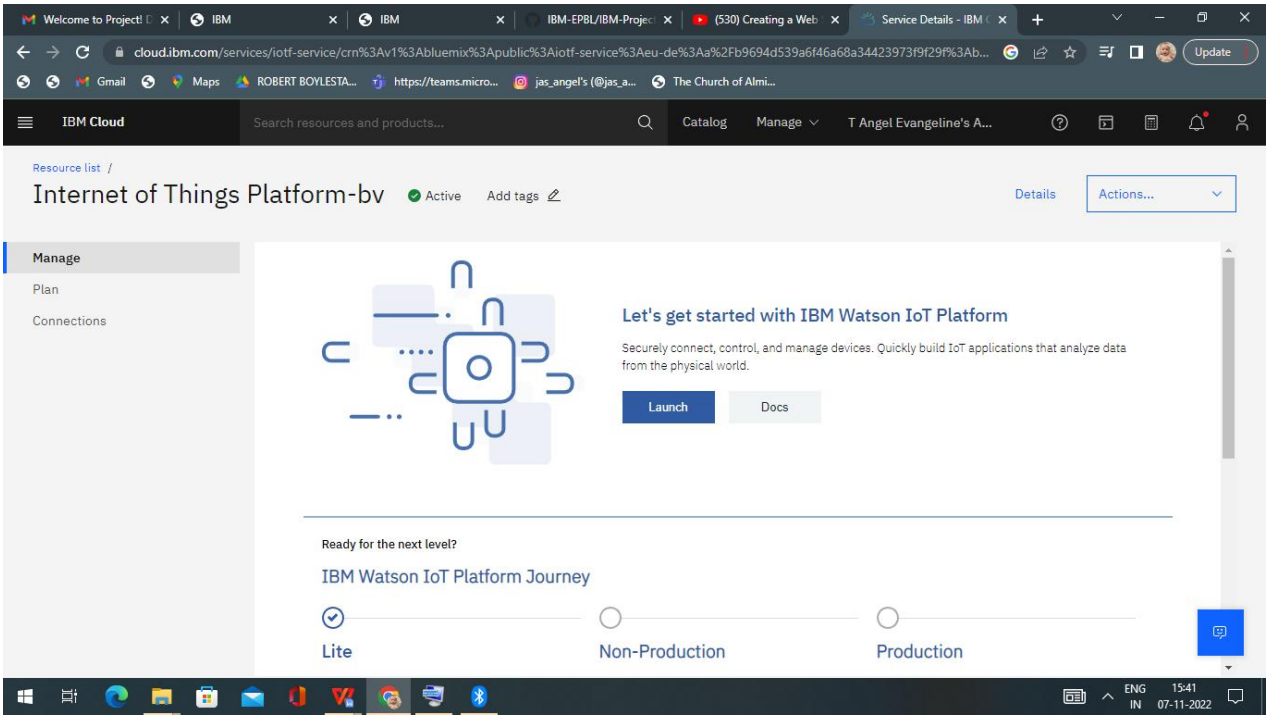
CREATE IBM WATSON IOT PLATFORM AND DEVICE

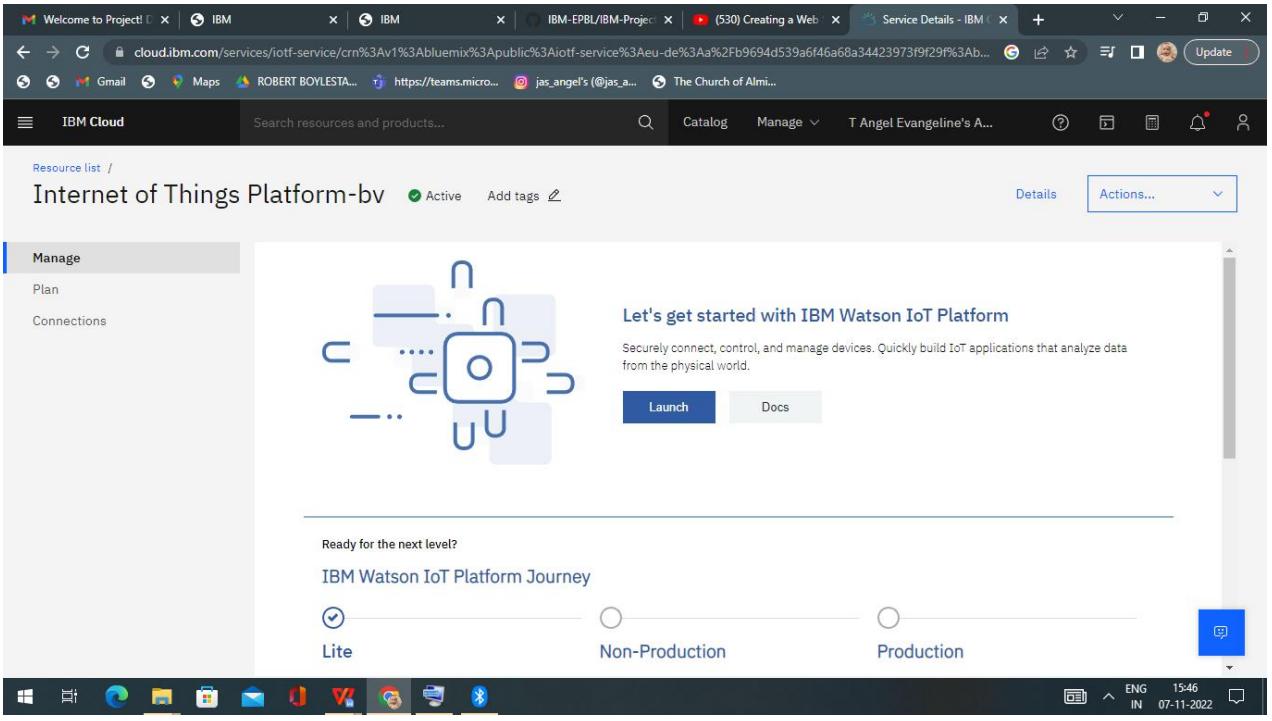
Date:	10 NOVEMBER 2022
Team ID:	PNT2022TMID51558
Project Name:	GAS LEAKAGE MONITORING AND ALERTING SYSTEM FOR INDUSTRIES

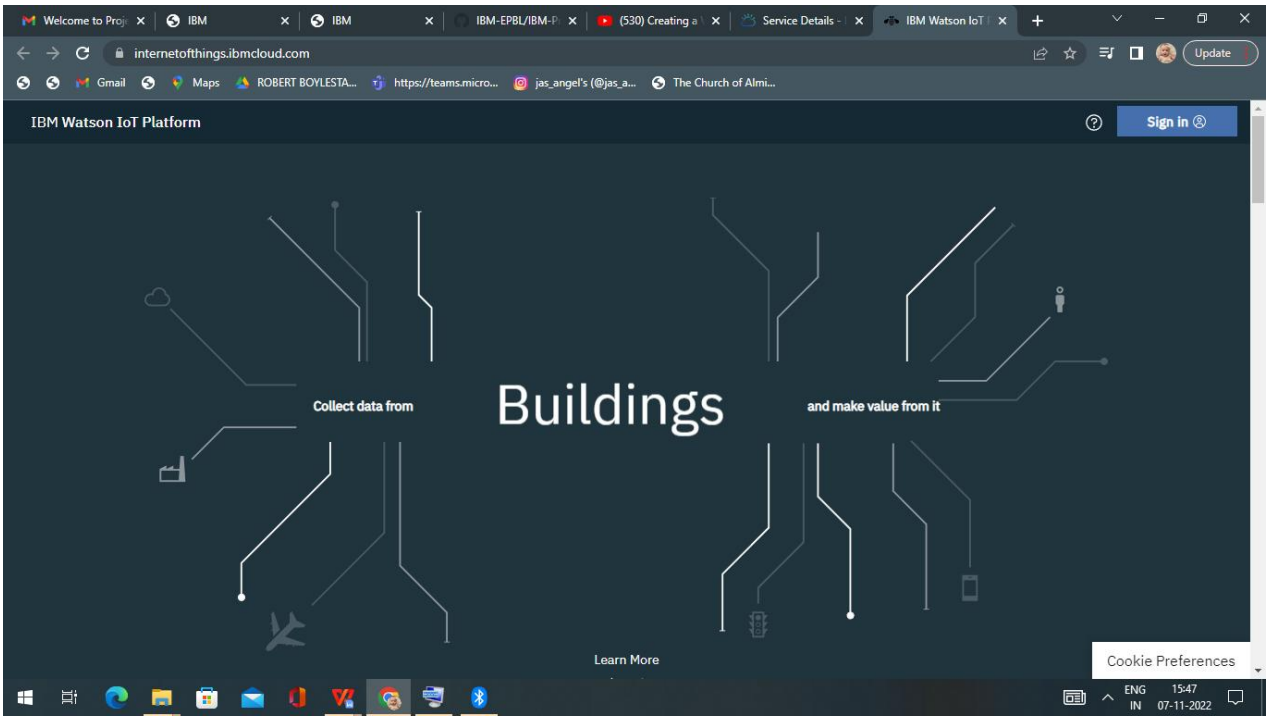


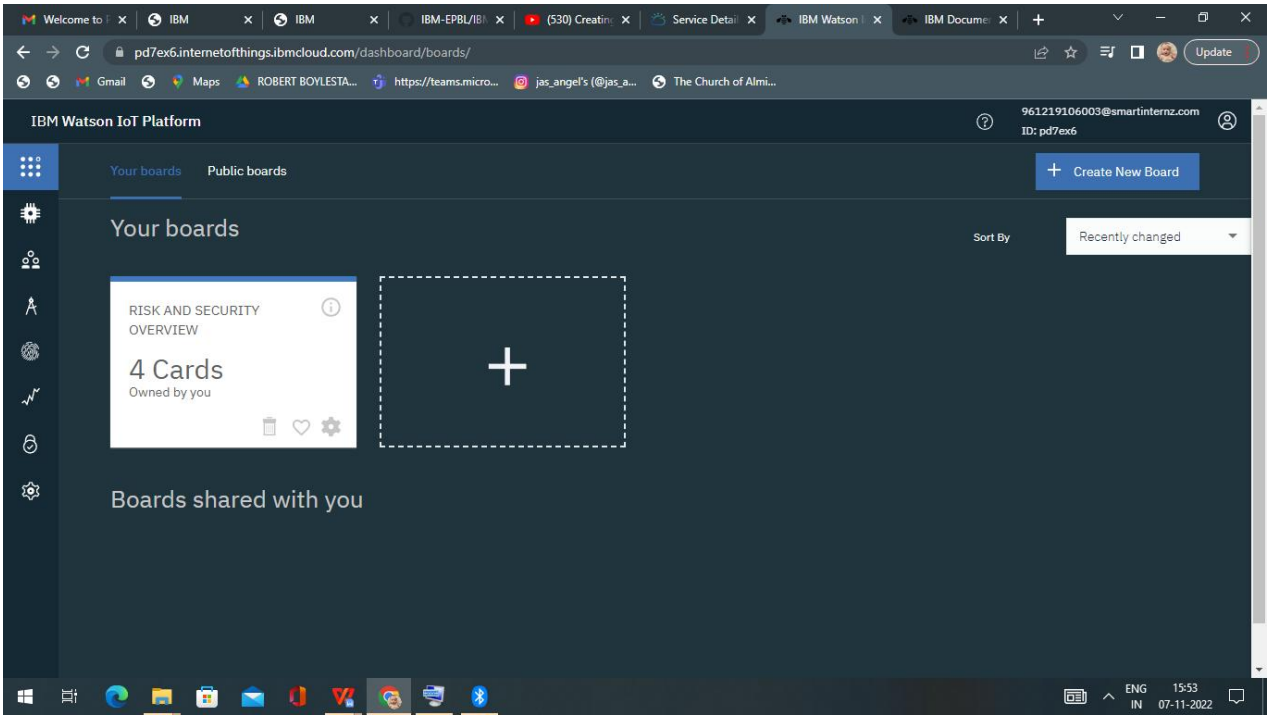
Step 2

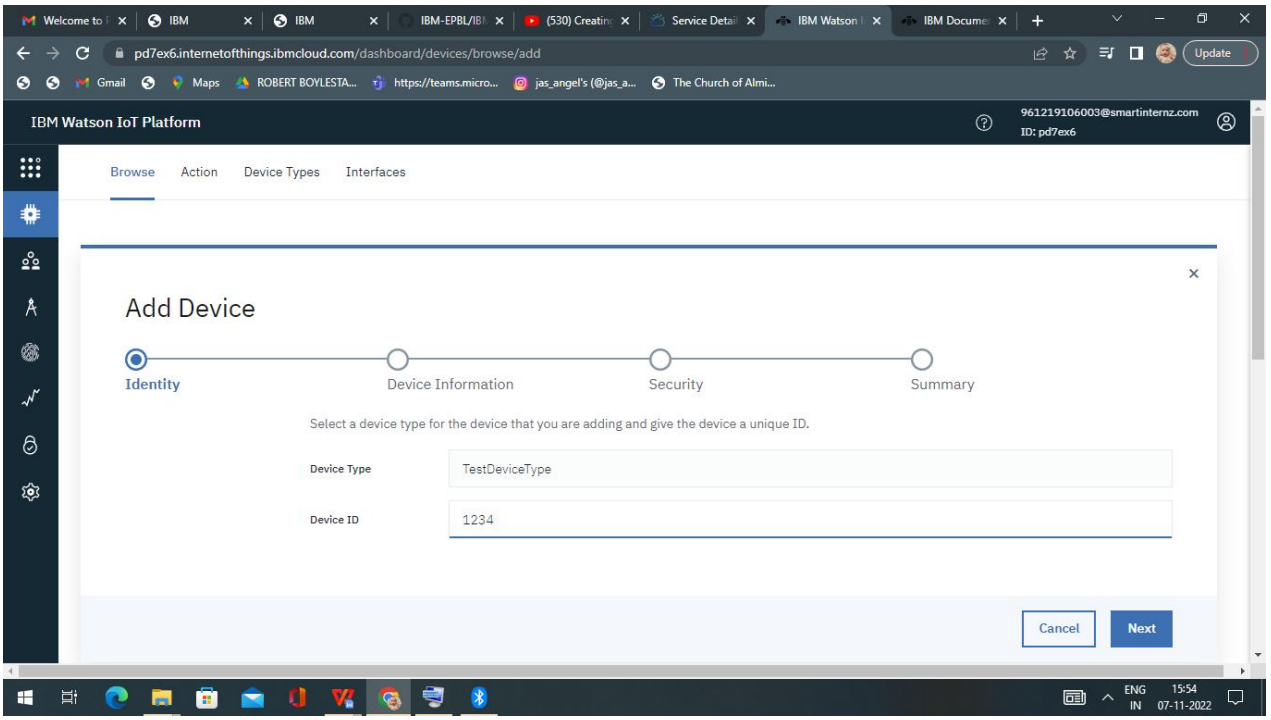


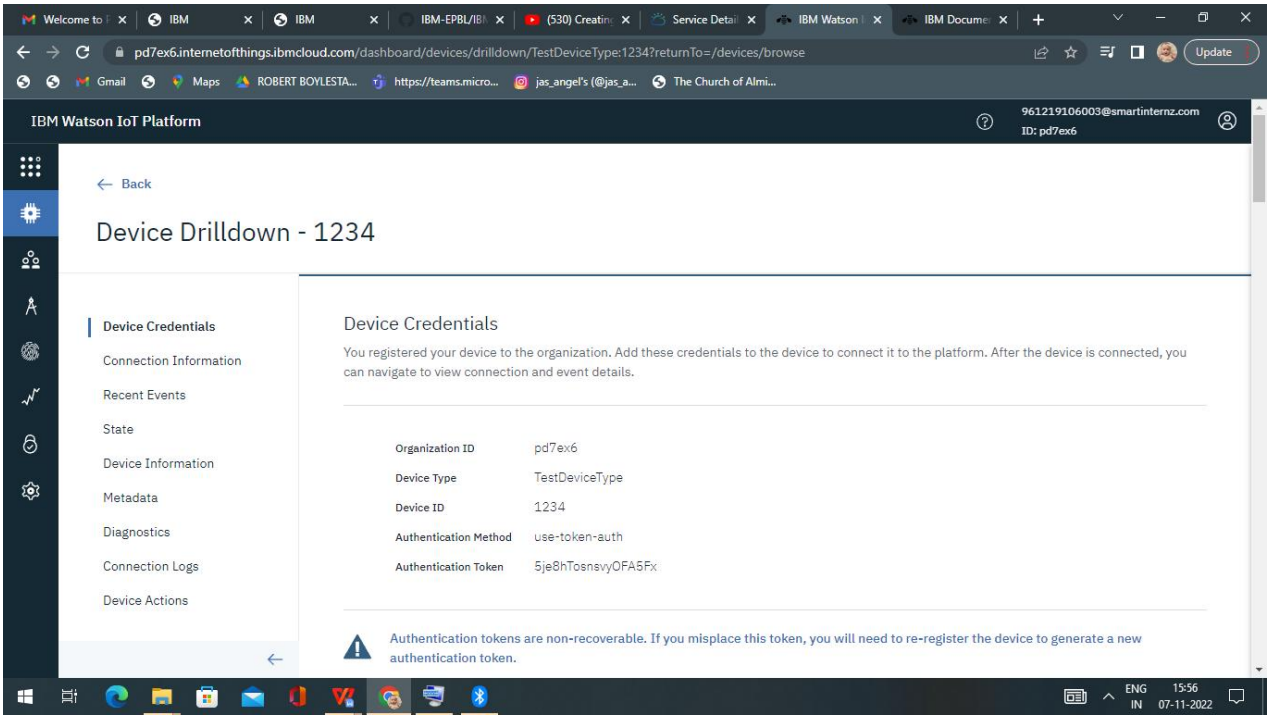

Welcome to Project!
IBM
IBM
IBM-EPBL/IBM-Project
(530) Creating a Web
Service Details - IBM
cloud.ibm.com/services/iotf-service/crn%3Av1%3Abluemix%3Apublic%3Aiotf-service%3Aeu-de%3Aa%2Fb9694d539a6f46a68a34423973f9f29f%3Ab...
Update
Gmail
Maps
ROBERT BOYLESTA...
https://teams.micro...
jas_angel's (@jas_a...
The Church of Almi...
IBM Cloud
Search resources and products...
Catalog
Manage
T Angel Evangeline's A...
Resource list /
Internet of Things Platform-bv
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
Lite
Non-Production
Production
ENG
IN
15:41
07-11-2022

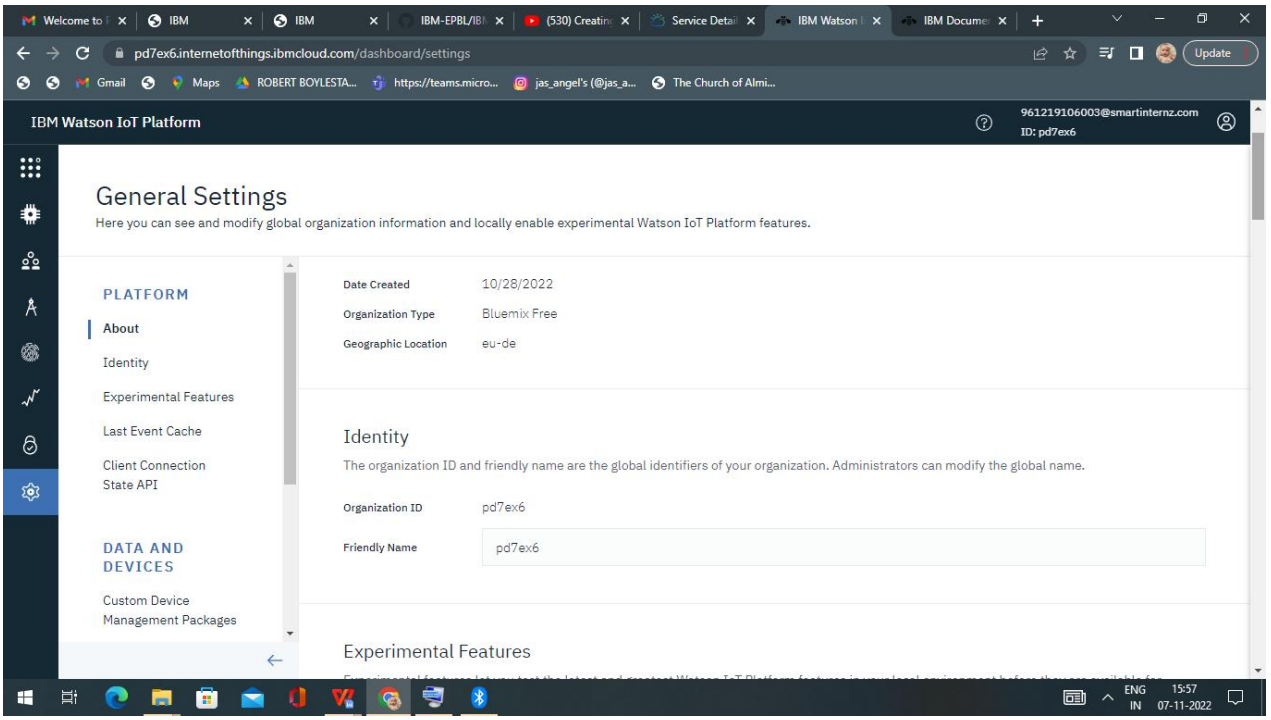

Welcome to Project!
IBM
IBM
IBM-EPBL/IBM-Project
(530) Creating a Web
Service Details - IBM
cloud.ibm.com/services/iotf-service/crn%3Av1%3Abluemix%3Apublic%3Aiotf-service%3Aeu-de%3Aa%2Fb9694d539a6f46a68a34423973f9f29f%3Ab...
Update
Gmail
Maps
ROBERT BOYLESTA...
https://teams.micro...
jas_angel's (@jas_a...
The Church of Almi...
IBM Cloud
Search resources and products...
Catalog
Manage
T Angel Evangeline's A...
Resource list /
Internet of Things Platform-bv
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
Lite
Non-Production
Production
ENG
IN
15:46
07-11-2022

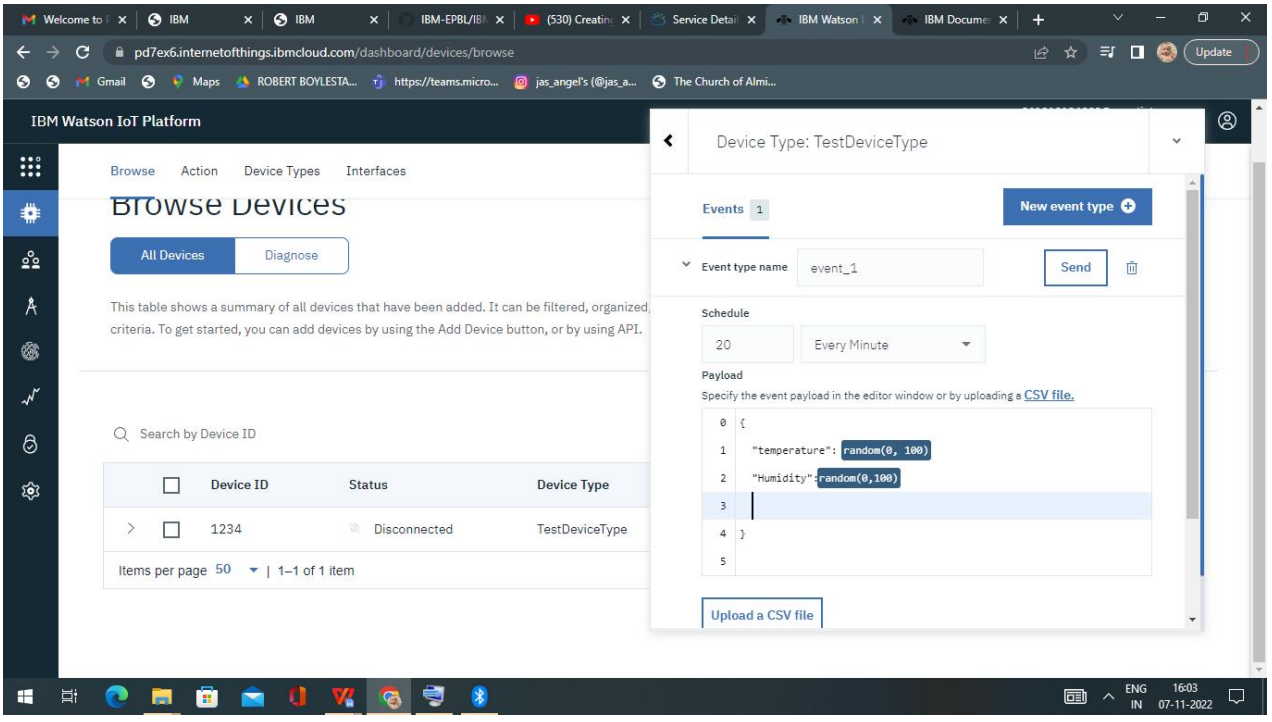

IBM Watson IoT Platform
Sign in
Collect data from
Buildings
and make value from it
Learn More
Cookie Preferences

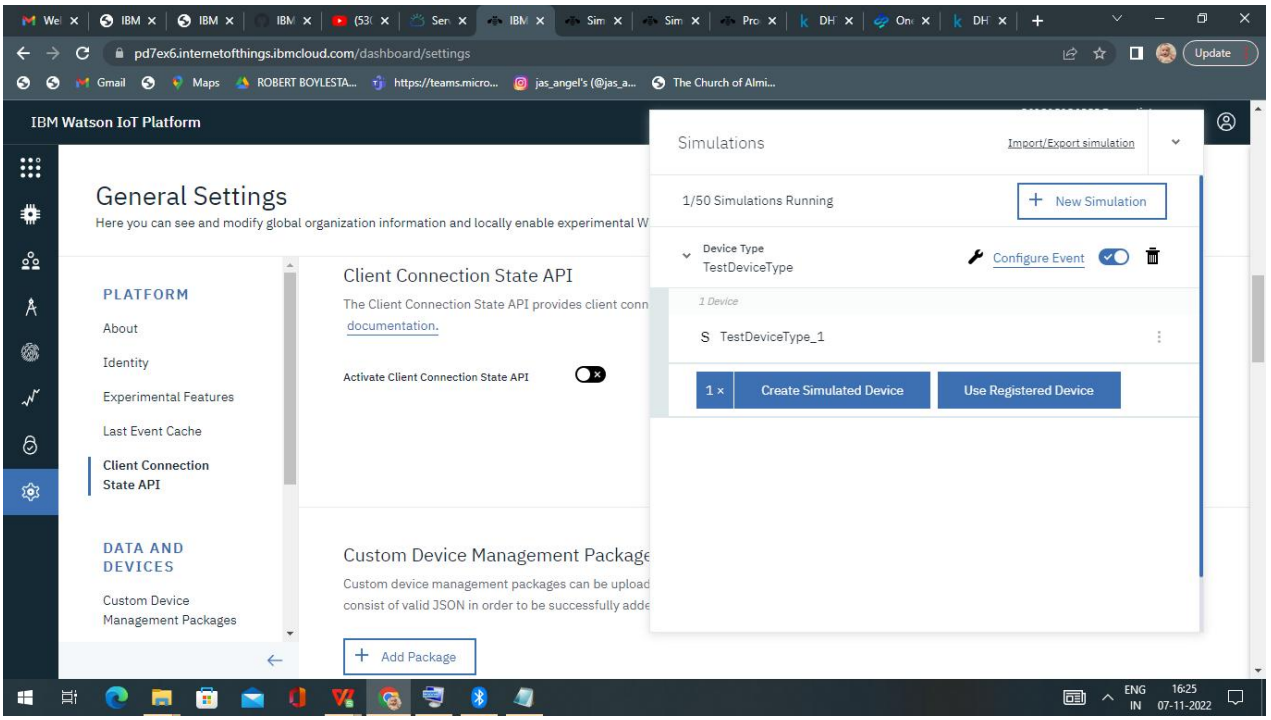

IBM Watson IoT Platform
961219106003@smartinternz.com
ID: pd7ex6
Your boards
Public boards
Create New Board
Your boards
Sort By
Recently changed
RISK AND SECURITY OVERVIEW
4 Cards
Owned by you
Boards shared with you

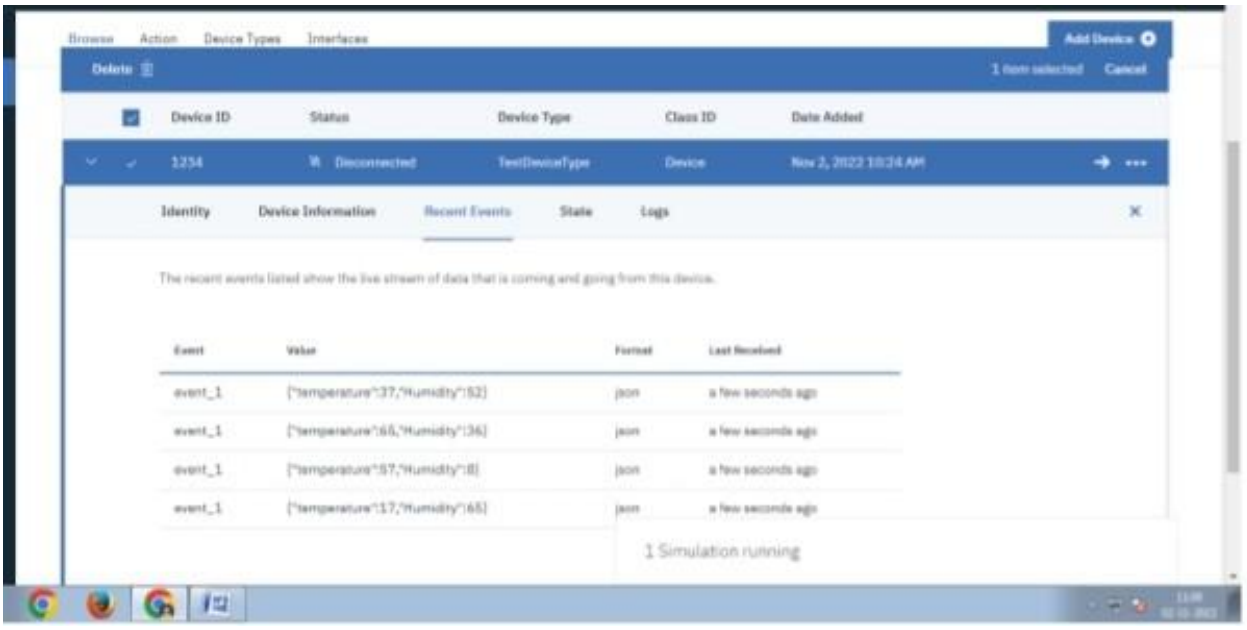

IBM Watson IoT Platform
961219106003@smartinternz.com
ID: pd7ex6
Browse
Action
Device Types
Interfaces
Add Device
Identity
Device Information
Security
Summary
Select a device type for the device that you are adding and give the device a unique ID.
Device Type
TestDeviceType
Device ID
1234
Cancel
Next

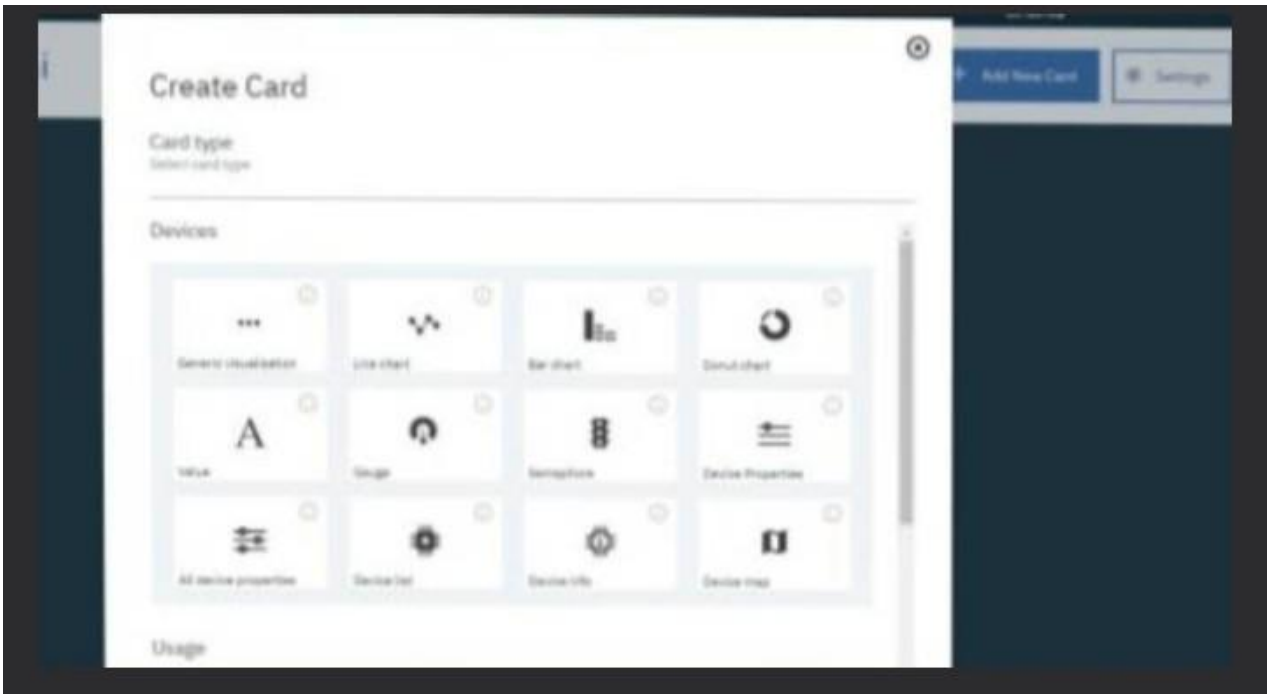

IBM Watson IoT Platform
961219106003@smartinternz.com
ID: pd7ex6
Back
Device Drilldown - 1234
Device Credentials
Connection Information
Recent Events
State
Device Information
Metadata
Diagnostics
Connection Logs
Device Actions
Device Credentials
You registered your device to the organization. Add these credentials to the device to connect it to the platform. After the device is connected, you can navigate to view connection and event details.
Organization ID
pd7ex6
Device Type
TestDeviceType
Device ID
1234
Authentication Method
use-token-auth
Authentication Token
5je8hTosnsvyOFA5Fx
Authentication tokens are non-recoverable. If you misplace this token, you will need to re-register the device to generate a new authentication token.

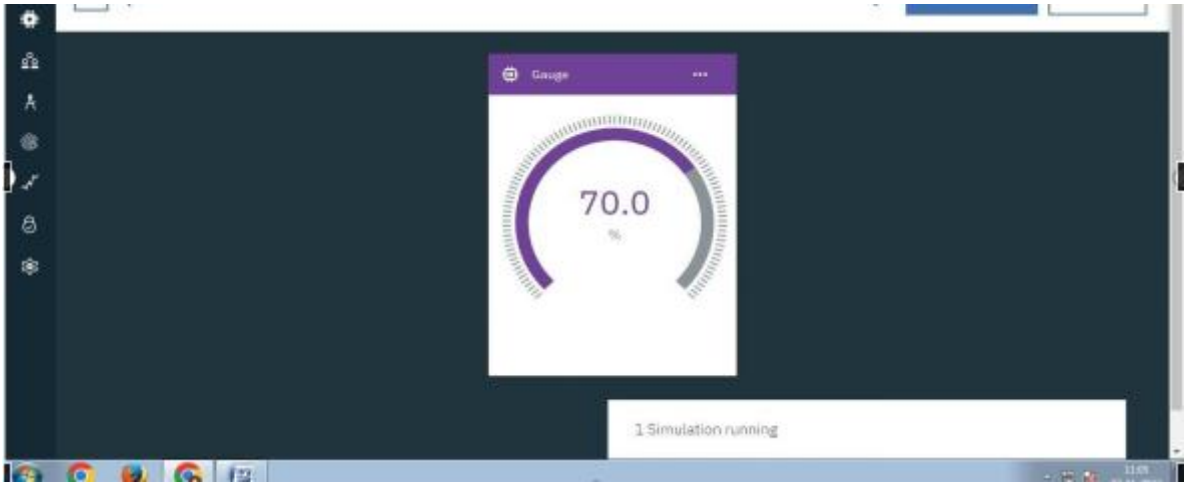

pd7ex6.internetofthings.ibmcloud.com/dashboard/settings
IBM Watson IoT Platform
961219106003@smartinternz.com
ID: pd7ex6
General Settings
Here you can see and modify global organization information and locally enable experimental Watson IoT Platform features.
PLATFORM
About
Identity
Experimental Features
Last Event Cache
Client Connection State API
DATA AND DEVICES
Custom Device Management Packages
Date Created 10/28/2022
Organization Type Bluemix Free
Geographic Location eu-de
Identity
The organization ID and friendly name are the global identifiers of your organization. Administrators can modify the global name.
Organization ID pd7ex6
Friendly Name pd7ex6
Experimental Features


pd7ex6.internetofthings.ibmcloud.com/dashboard/devices/browse
IBM Watson IoT Platform
Browse
Action
Device Types
Interfaces
Browse Devices
All Devices
Diagnose
This table shows a summary of all devices that have been added. It can be filtered, organized, criteria. To get started, you can add devices by using the Add Device button, or by using API.
Search by Device ID
Device ID
Status
Device Type
1234
Disconnected
TestDeviceType
Items per page 50 | 1–1 of 1 item
Device Type: TestDeviceType
Events 1
New event type
Event type name event_1
Send
Schedule
20
Every Minute
Payload
Specify the event payload in the editor window or by uploading a CSV file.
{
"temperature": random(0, 100)
"Humidity":random(0,100)
}
Upload a CSV file


pd7ex6.internetofthings.ibmcloud.com/dashboard/settings
IBM Watson IoT Platform
General Settings
Here you can see and modify global organization information and locally enable experimental W
PLATFORM
About
Identity
Experimental Features
Last Event Cache
Client Connection State API
DATA AND DEVICES
Custom Device Management Packages
Client Connection State API
The Client Connection State API provides client conn
documentation.
Activate Client Connection State API
Custom Device Management Package
Custom device management packages can be upload
consist of valid JSON in order to be successfully adde
Add Package
Simulations
Import/Export simulation
1/50 Simulations Running
New Simulation
Device Type
TestDeviceType
Configure Event
1 Device
S TestDeviceType_1
1 ×
Create Simulated Device
Use Registered Device
ENG
IN
16:25
07-11-2022


Browse
Action
Device Types
Interfaces
Add Device
Delete
1 item selected
Cancel
Device ID
Status
Device Type
Class ID
Date Added
1234
Disconnected
TestDeviceType
Device
Identity
Device Information
Recent Events
State
Logs
The recent events listed show the live stream of data that is coming and going from this device.
Event
Value
Format
Last Received
event_1
{"temperature":37,"Humidity":62}
json
a few seconds ago
event_1
{"temperature":66,"Humidity":36}
json
a few seconds ago
event_1
{"temperature":87,"Humidity":8}
json
a few seconds ago
event_1
{"temperature":17,"Humidity":65}
json
a few seconds ago
1 Simulation running





Result:

An IBM Watson cloud for IoT and a device is created successfully.