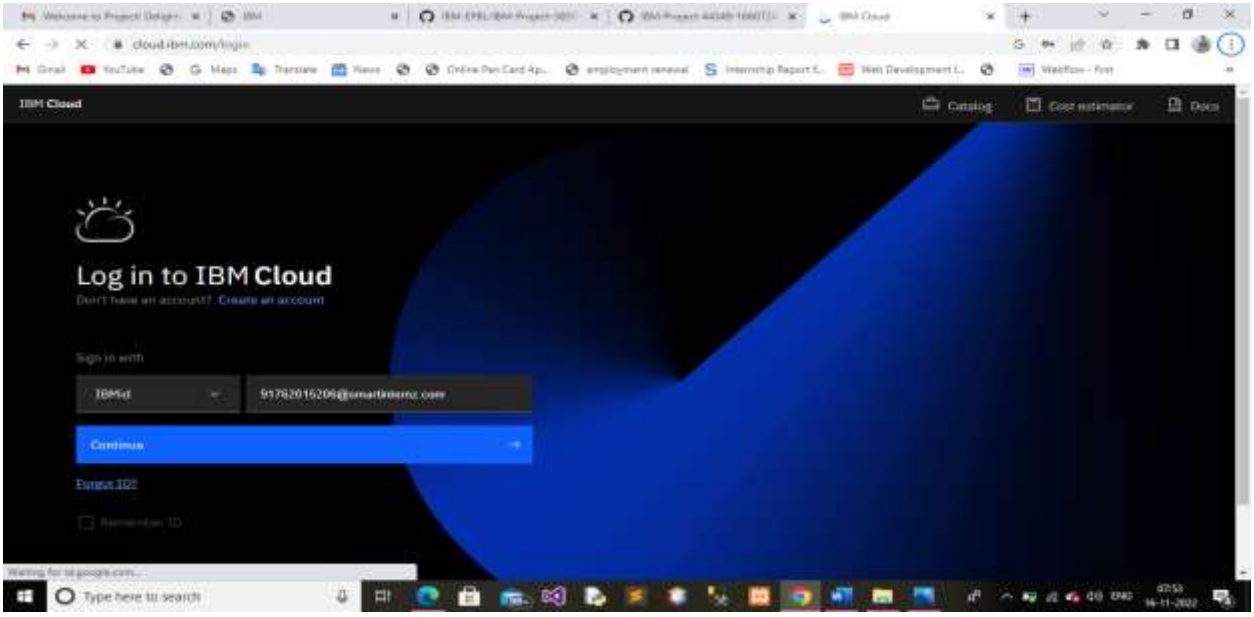
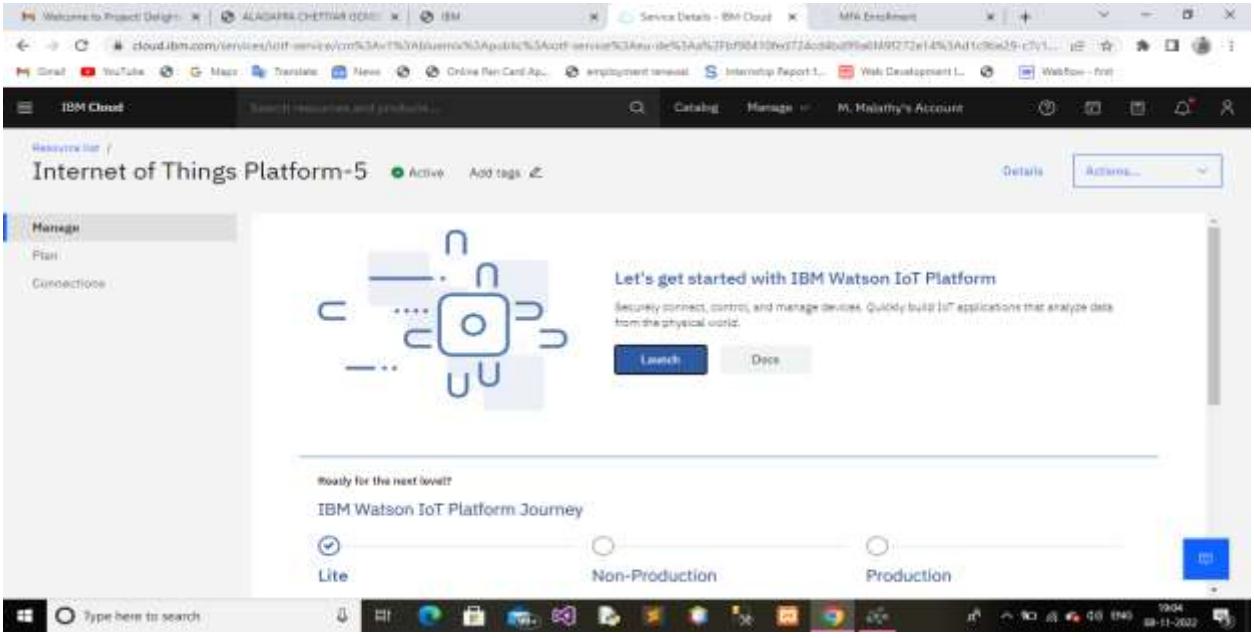
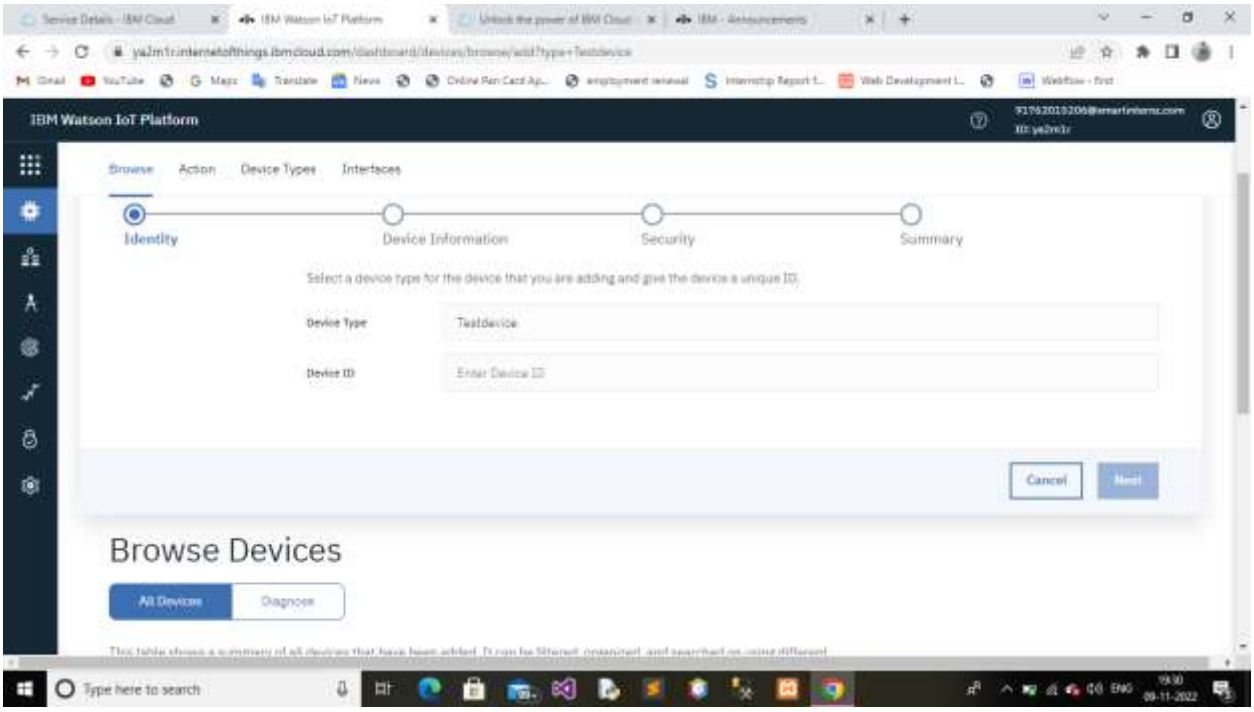
Team Id: PNT2022TMID06083

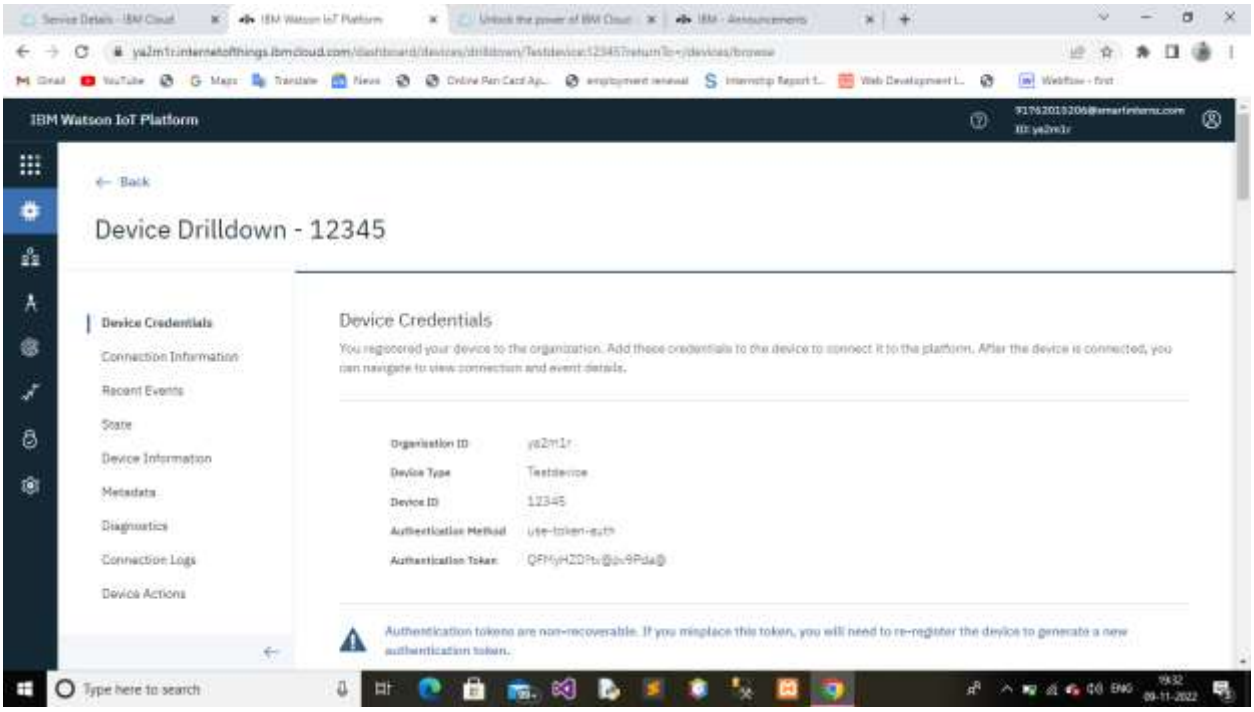
IOT BASED SAFETY GADGET FOR CHILD SAFETY MONITORING AND NOTIFICATION

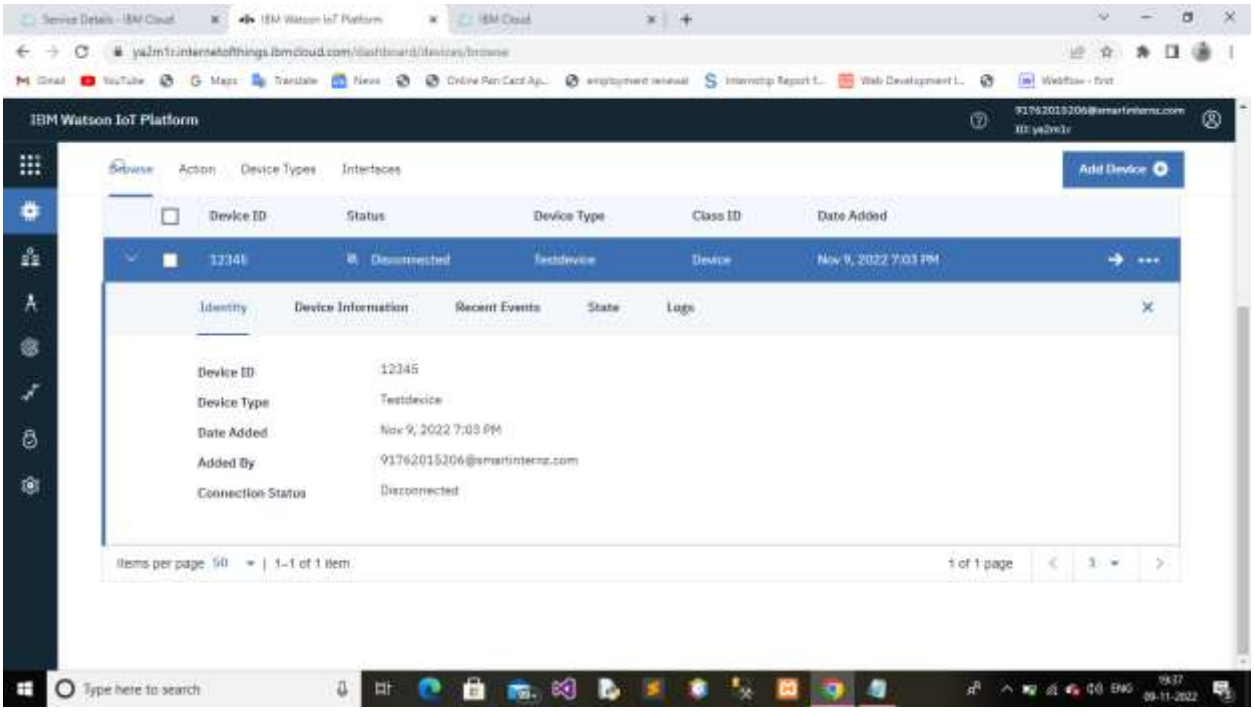
Create a device in the IOT Watson platform

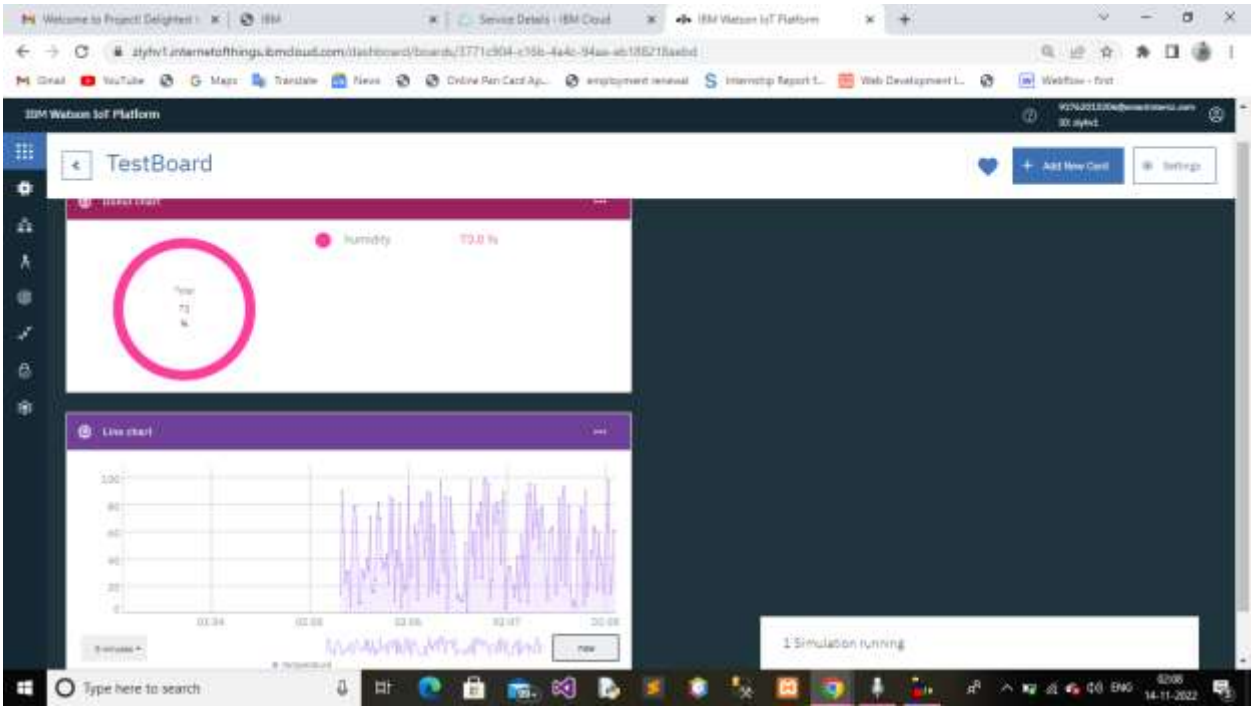




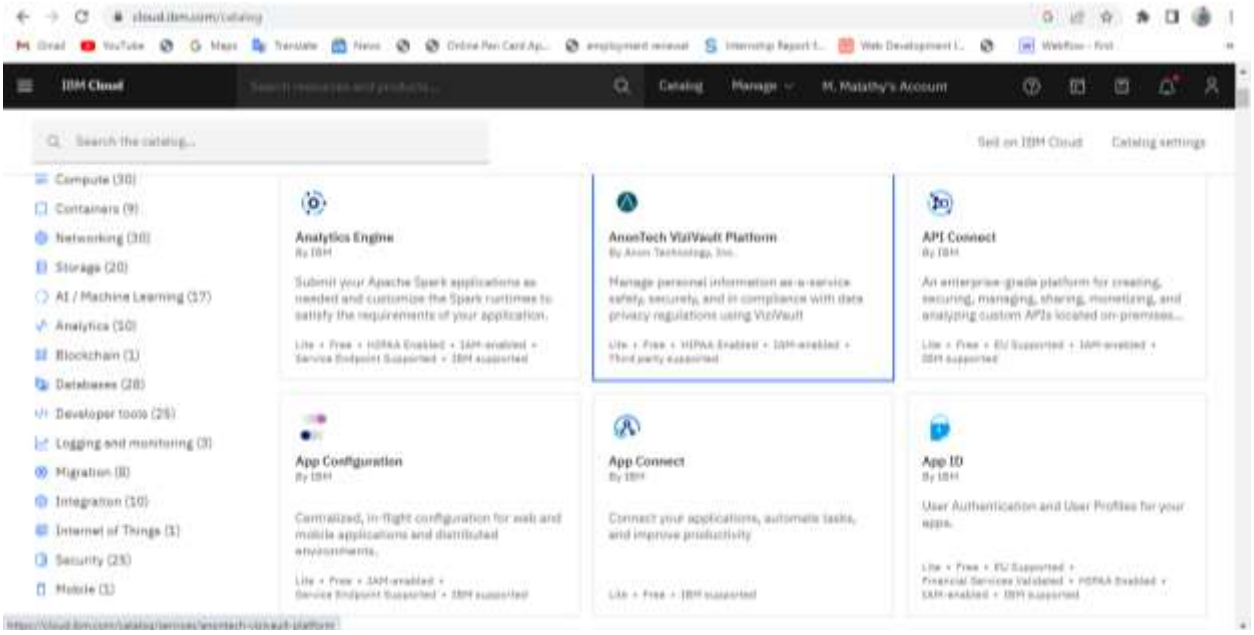

IBM Watson IoT Platform
Browse
Action
Device Types
Interfaces
Identity
Device Information
Security
Summary
Select a device type for the device that you are adding and give the device a unique ID.
Device Type
Testdevice
Device ID
Enter Device ID
Cancel
Next
Browse Devices
All Devices
Diagnose

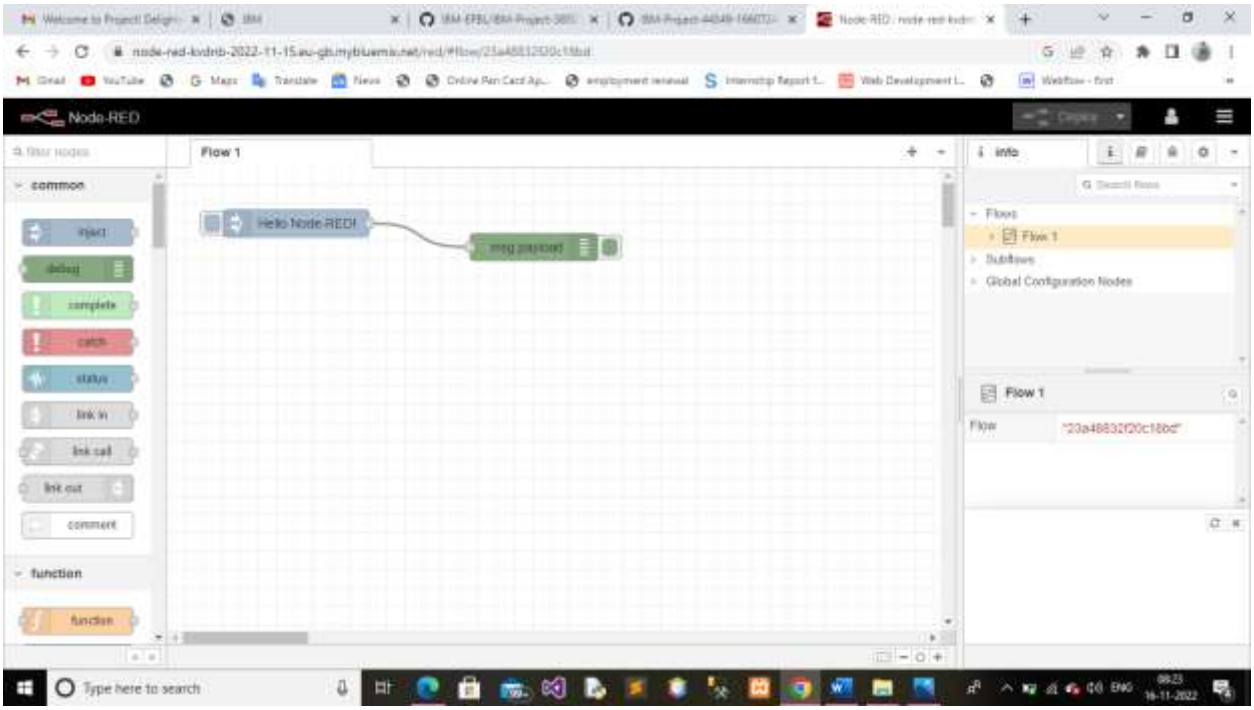

IBM Watson IoT Platform
Back
Device Drilldown - 12345
Device Credentials
Connection Information
Recent Events
State
Device Information
Metadata
Diagnostics
Connection Logs
Device Actions
Device Credentials
You registered your device to the organization. Add these credentials to the device to connect it to the platform. After the device is connected, you can navigate to view connection and event details.
Organization ID
Device Type
Testdevice
Device ID
12345
Authentication Method
Authentication Token
Authentication tokens are non-recoverable. If you misplace this token, you will need to re-register the device to generate a new authentication token.

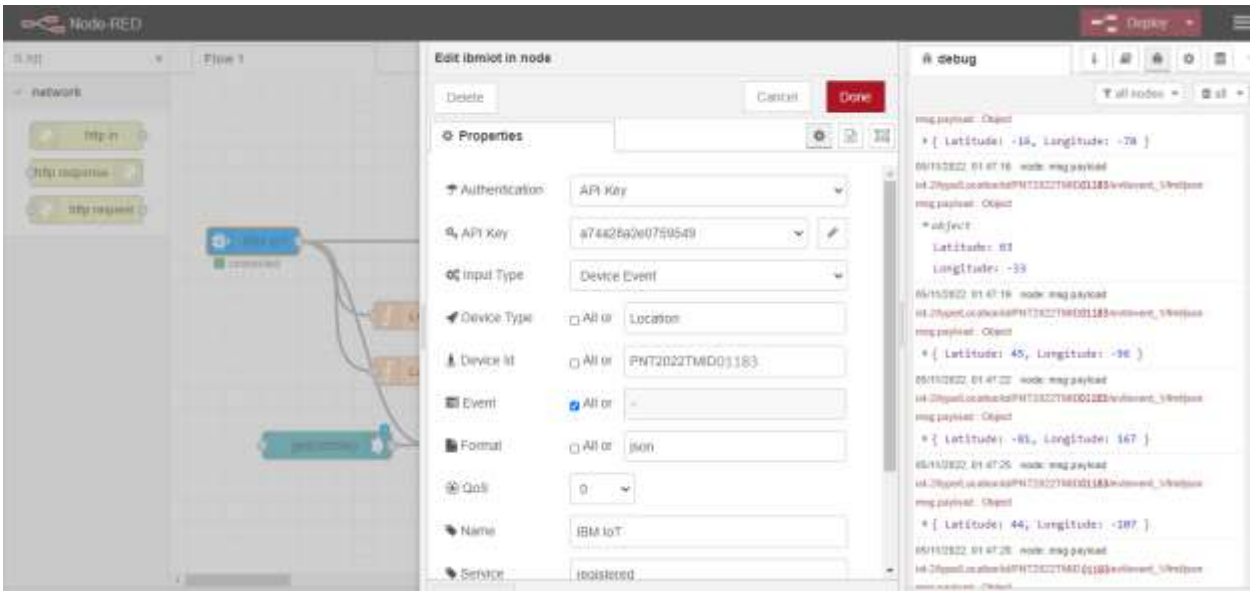

IBM Watson IoT Platform
Browse
Action
Device Types
Interfaces
Add Device
Device ID
Status
Device Type
Class ID
Date Added
12345
Disconnected
testdevice
Device
Nov 9, 2022 7:03 PM
Identity
Device Information
Recent Events
State
Logs
Device ID
12345
Device Type
Testdevice
Date Added
Nov 9, 2022 7:03 PM
Added By
91762015206@smartinternz.com
Connection Status
Disconnected
Items per page: 50
1–1 of 1 item
1 of 1 page
Type here to search

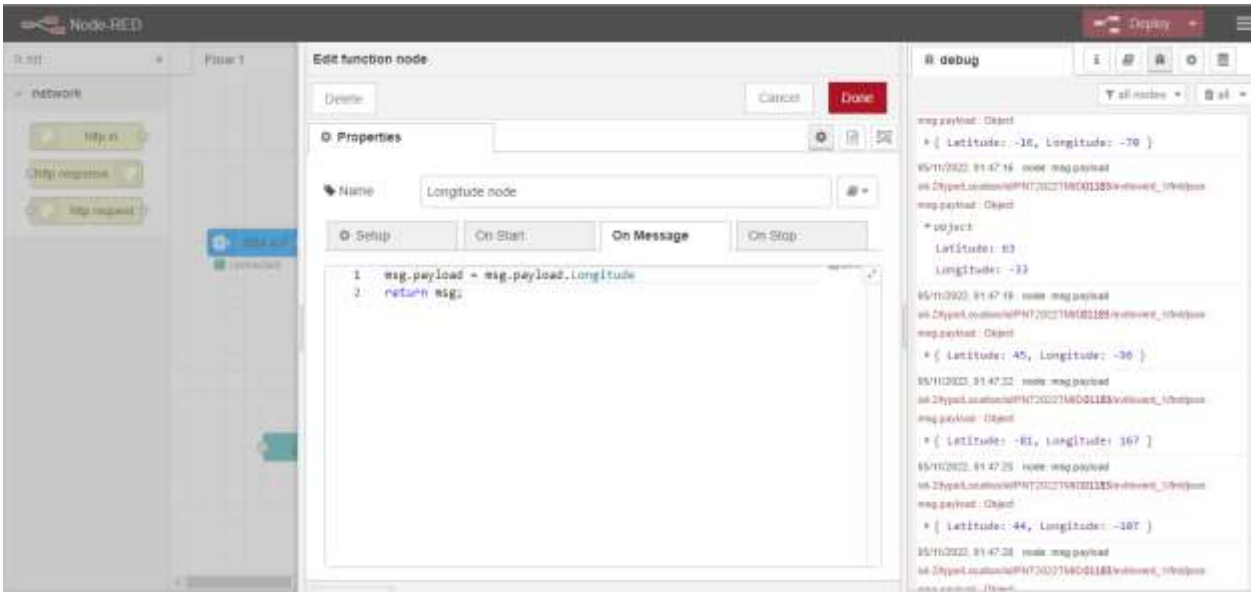

IBM Watson IoT Platform
TestBoard
Add New Card
Settings
Humidity
Live chart
1 Simulation running
Type here to search

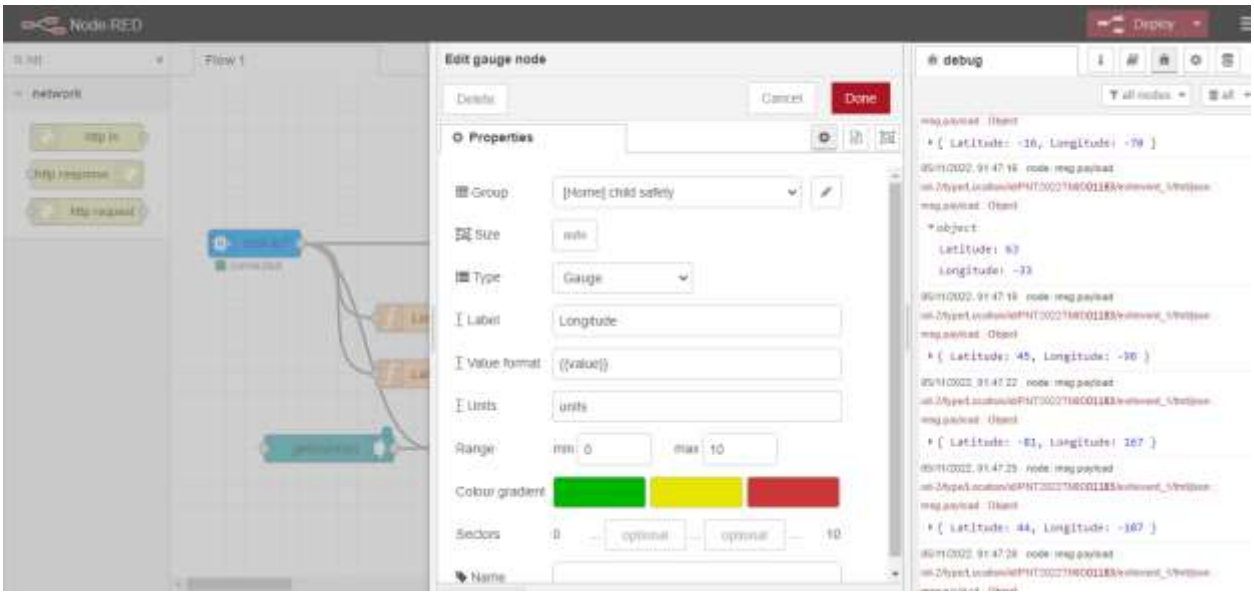
Workflow for IOT scenarios using LocalNode Red

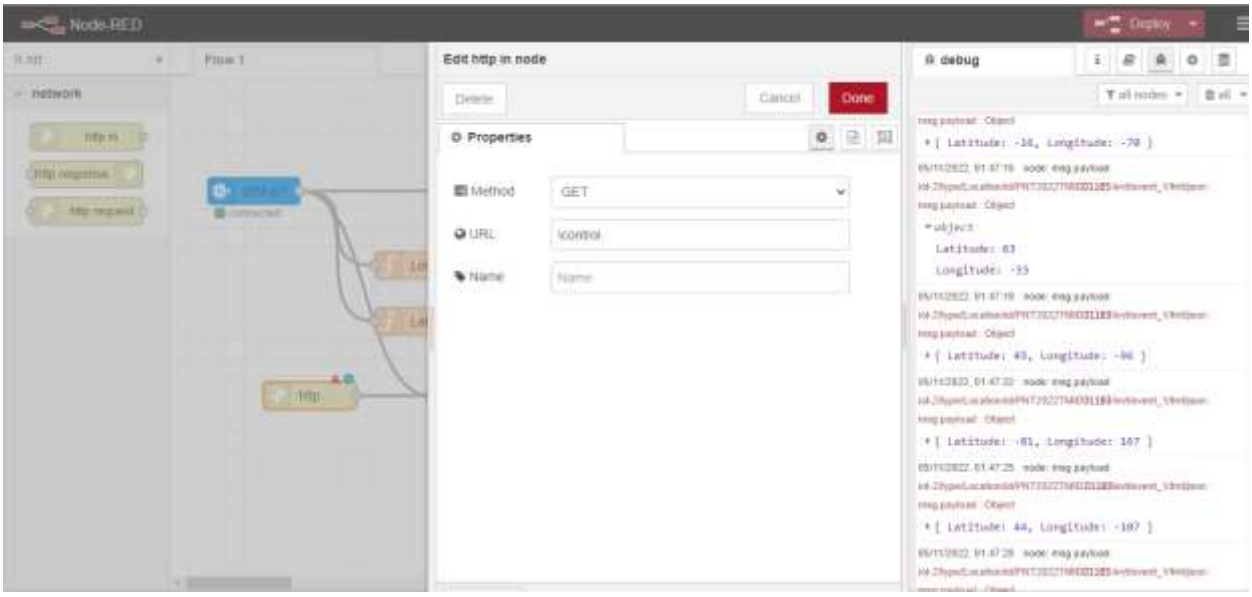





Node-RED
Deploy
Edit ibmiot in node
Delete
Cancel
Done
Properties
Authentication
API Key
API Key
Input Type
Device Event
Device Type
All or
Location
Device Id
PNT2022TMID01183
Event
Format
json
Qos
Name
IBM IoT
Service
registered
debug
{ Latitude: -10, Longitude: -70 }
{ Latitude: 45, Longitude: -90 }
{ Latitude: -81, Longitude: 167 }
{ Latitude: 44, Longitude: -107 }


Node-RED
Deploy
Edit function node
Delete
Cancel
Done
Properties
Name
Longitude node
Setup
On Start
On Message
On Stop
msg.payload = msg.payload.Longitude
return msg;
debug
{ Latitude: -10, Longitude: -70 }
{ Latitude: 45, Longitude: -90 }
{ Latitude: -81, Longitude: 167 }
{ Latitude: 44, Longitude: -107 }


Node-RED
Deploy
Flow 1
network
http in
http response
http request
Edit gauge node
Delete
Cancel
Done
Properties
Group
[Home] child safety
Size
auto
Type
Gauge
Label
Longitude
Value format
{{value}}
Units
units
Range
min 0
max 10
Colour gradient
Sectors
0
optional
optional
10
Name
debug
all nodes
msg.payload : Object
{ Latitude: -16, Longitude: -70 }
object
Latitude: 63
Longitude: -33
{ Latitude: 45, Longitude: -90 }
{ Latitude: -81, Longitude: 167 }
{ Latitude: 44, Longitude: -107 }


Node-RED
Deploy
Flow 1
network
http in
http response
http request
Edit http in node
Delete
Cancel
Done
Properties
Method
GET
URL
/control
Name
Name
http
debug
all nodes
msg.payload : Object
{ Latitude: -16, Longitude: -70 }
object
Latitude: 63
Longitude: -33
{ Latitude: 45, Longitude: -90 }
{ Latitude: -81, Longitude: 167 }
{ Latitude: 44, Longitude: -107 }