

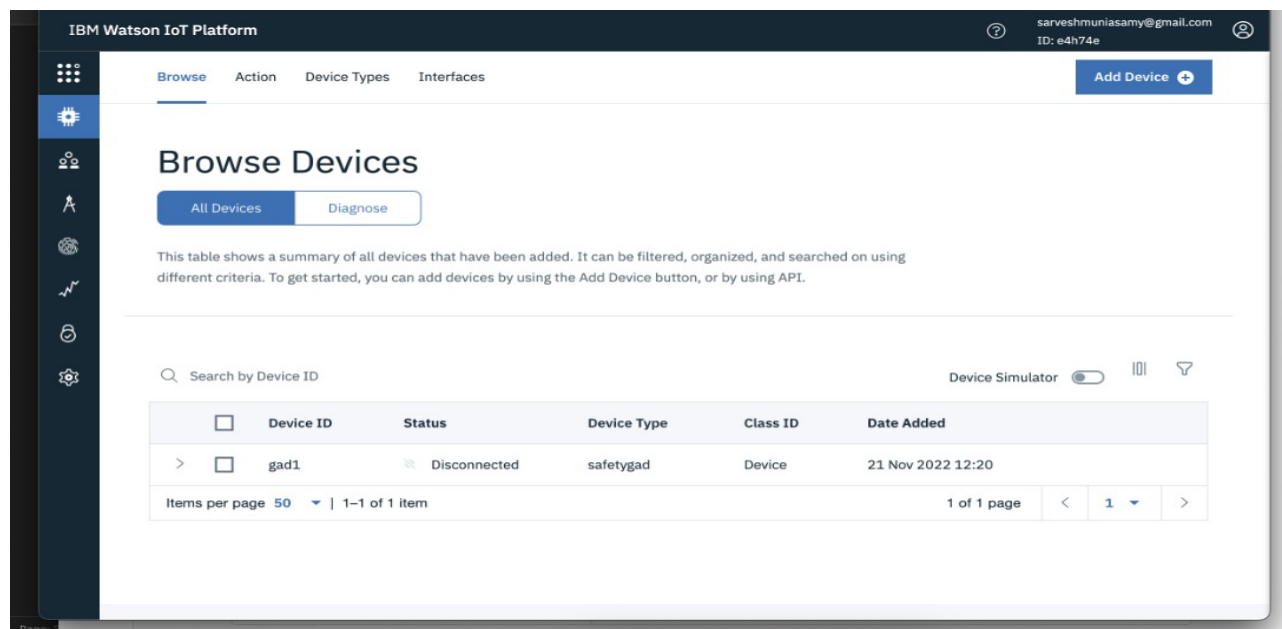
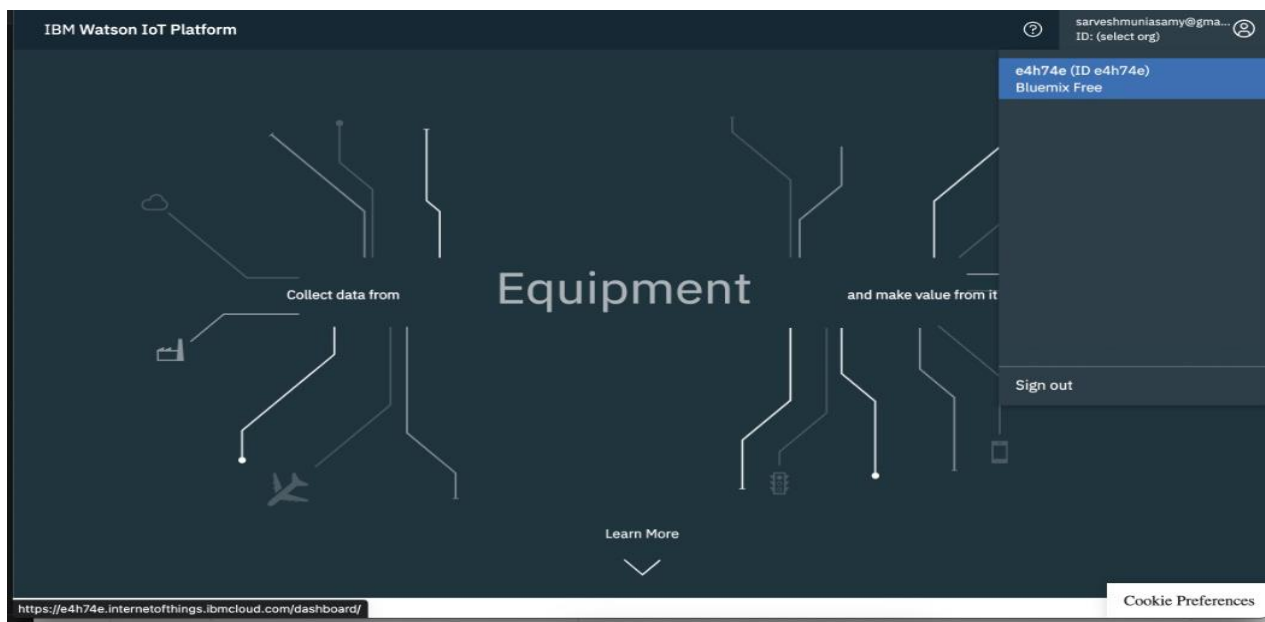
# Project Development – Sprint 2

## IoT Based Safety For Child Safety Monitoring & Notification

**TEAM ID: PNT2022TMID14748**

**Creating and connecting IBM cloud for Project at Python Code**

**Creating IBM Cloud Service and Creating the Device :**



**: In-Area Location:**

[illegible][illegible]

The image shows two side-by-side windows from a Python IDE. The left window, titled "child tracker.py - C:\Users\Defi\Desktop\child tracker.py (3.7.0)", contains the following Python code:

```

import json
import wiotp.sdk.device
import time

myConfig = {
    "identity": {
        "orgId": "rdegyk",
        "typeId": "safetygad",
        "deviceId": "gad1"
    },
    "auth": {
        "token": "gyg06jz1l!1TGsKxv"
    }
}

client = wiotp.sdk.device.DeviceClient(config=myConfig, logHandlers=None)
client.connect()

while True:
    name="locater"
    #in area location
    #latitude=13.145997614532394
    #longitude=80.0619303452179

    #out area location
    latitude=13.15412
    longitude=80.05729

    myData={'name':name, 'lat':latitude, 'lon':longitude}
    client.publishEvent(eventId="status", msgFormat="json", data=myData, qos=0,
    print("Data published to IBM Iot platform: ",myData)
    time.sleep(2)

client.disconnect()
  
```

The right window, titled "Python 3.7.0 Shell", shows the output of the program, which is a series of 10 identical lines: "Data published to IBM Iot platform: ('name': 'locater', 'lat': 13.15412, 'lon': 80.05729)".

**Device Simulator**

Browse   Action   Device Types   Interfaces   Add Device +

Search by Device ID

Device ID	Status	Device Type	Class ID	Date Added
gad1	Connected	safetygad	Device	Oct 18, 2022 5:06 PM

Identity   Device Information   Recent Events   State   Logs

Device ID: gad1  
 Device Type: safetygad  
 Date Added: Oct 18, 2022 5:06 PM  
 Added By: 110119104034@aalimec.ac.in  
 Connection Status: Connected  
 Connection Time: Nov 17, 2022 5:41 PM  
 Client Address: 157.51.87.119 SecureToken

> weather1   Disconnected   weather1

0 Simulations running