

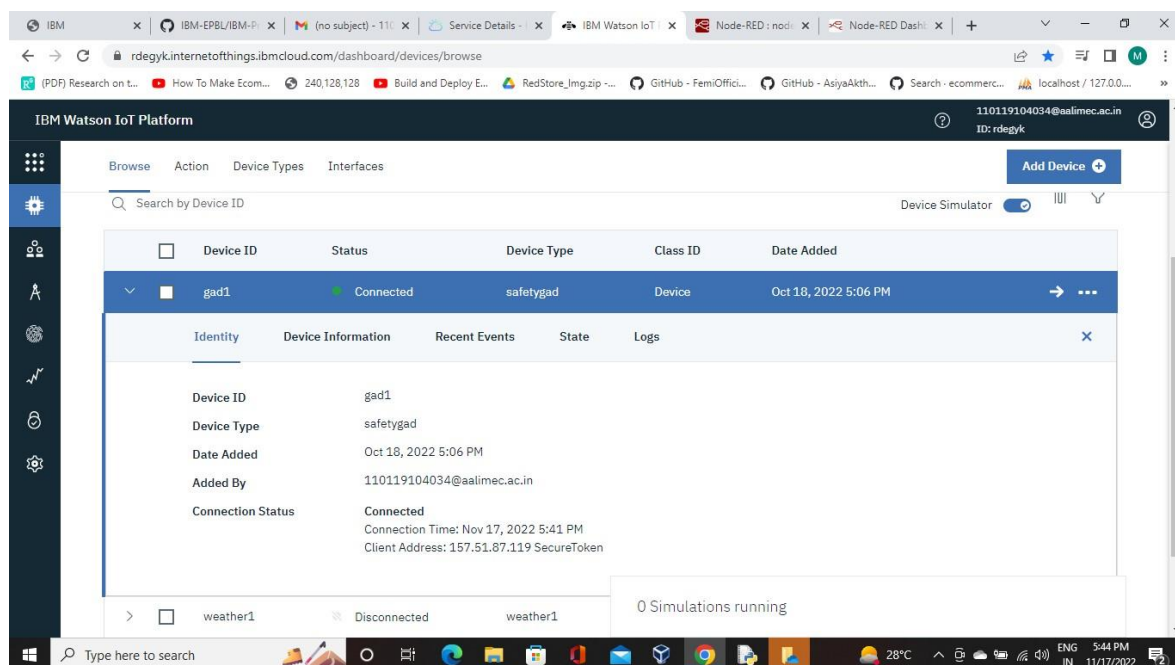
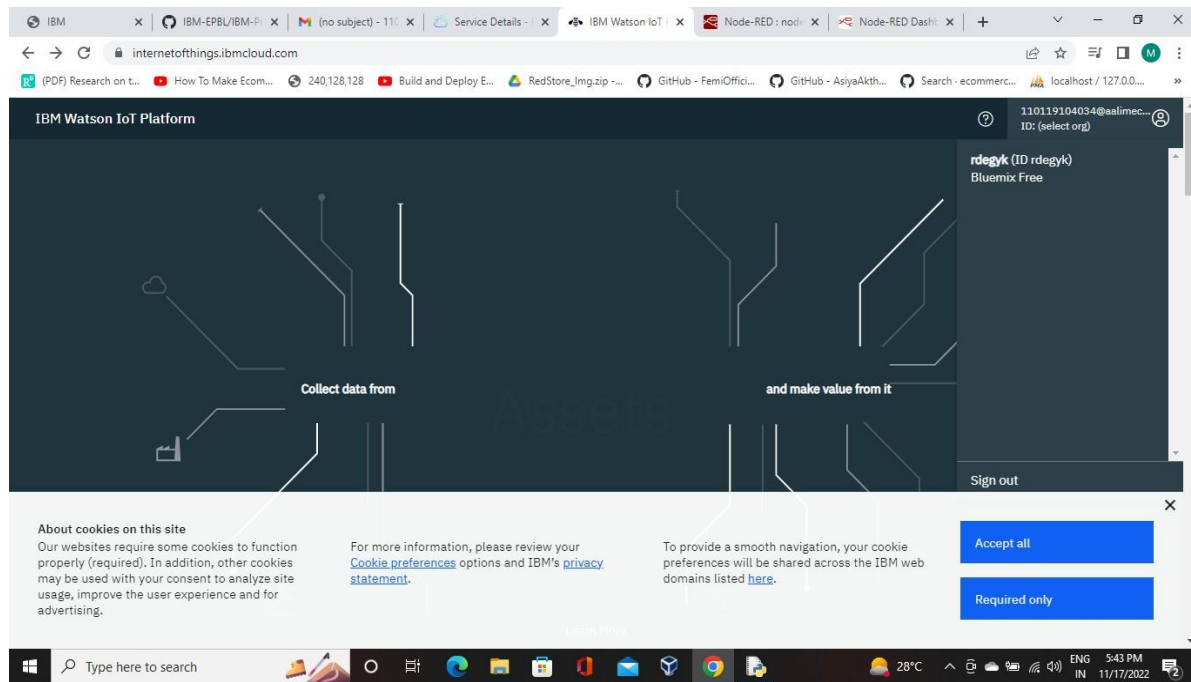
Project Development – Sprint 2

Iot Based Safety For Child Safety Monitoring & Notification

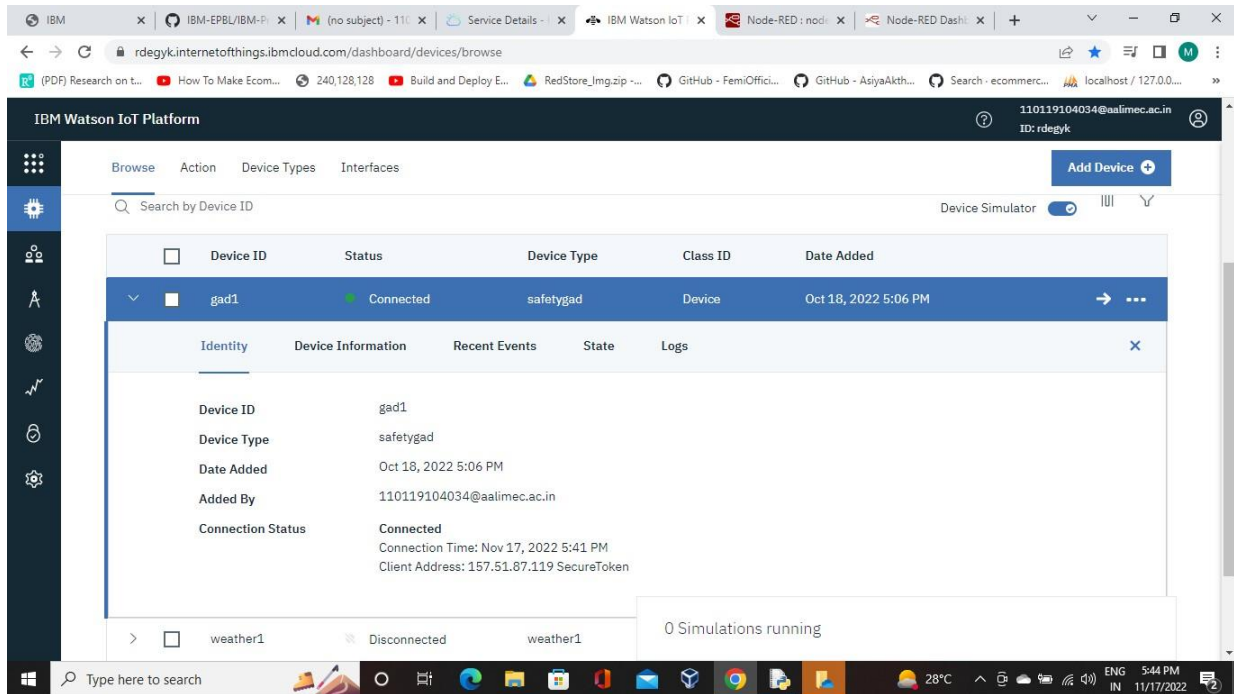
TEAM ID:PNT2022TMID46762

Creating and connecting IBM cloud for Project ad Python Code

Creating IBM Cloud Service and Creating the Device :



In-Area Location:



The image displays a development environment for connecting a Raspberry Pi to the IBM Watson IoT Platform. It consists of three main parts:

- Code Editor (Left):** Shows a Python script named `child_tracker.py`. The script imports `json`, `wiotp.sdk.device`, and `time`. It defines a `myConfig` dictionary with fields for `identity` (including `orgId`, `typeId`, `deviceId`, and `auth`), `client` initialization, and a `while True` loop that publishes location data to the IoT platform and sleeps for 2 seconds.
- Terminal (Right):** Shows the output of the Python script running in a "Python 3.7.0 Shell". It displays a series of messages: "Data published to IBM Iot platform:" followed by a JSON object containing location data (name: 'locater', lat: 13.15412, lon: 80.05729).
- IBM Watson IoT Platform Dashboard (Bottom):** Shows the "Browse" view of the dashboard. A table lists the registered device:

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

 Below the table, the "Identity" tab is selected, showing details for the device `gad1`, including its device type, date added, added by, and connection status (Connected).