

PROJECT DEVELOPMENT PHASE

SPRINT-1

Date	16 November 2022
Team ID	PNT2022TMID04551
Project Name	Signs with Smart Connectivity for Better Road Safety

SPRINT-1:

- In sprint-1, we collect temperature and humidity data from OpenWeatherMap based on the location of the sign board.
- We have developed the code to upload the data from weather api to ibm Watson platform.

PYTHON CODE:

[illegible]

IBM IoT WATSON PLATFORM:

The screenshot displays the IBM Watson IoT Platform dashboard. The browser address bar shows the URL `2twix2.internetofthings.ibmcloud.com/dashboard/devices/browse`. The dashboard header includes the IBM Watson IoT Platform logo and a user profile for `aswini.t@gmail.com` with ID `2twix2`. The main navigation bar has tabs for `Browse`, `Action`, `Device Types`, and `Interfaces`, along with an `Add Device` button. A search bar labeled `Search by Device ID` is present. The `Device Simulator` toggle is set to `Off`. The main content area shows a list of devices. The first device, ID `12345`, is `Connected` and of type `Nodemcu`. It was added on `18 Nov 2022 14:34`. A dropdown menu for this device is open, showing tabs for `Identity`, `Device Information`, `Recent Events` (selected), `State`, and `Logs`. The `Recent Events` tab displays a message: "The recent events listed show the live stream of data that is coming and going from this device." Below this is a table of recent events:

Event	Value	Format	Last Received
status	<code>{"temperature": "27°C", "humidity": "69%", "c": "ha..."}</code>	json	a few seconds ago
status	<code>{"temperature": "27°C", "humidity": "69%", "c": "ha..."}</code>	json	a few seconds ago
status	<code>{"temperature": "27°C", "humidity": "69%", "c": "ha..."}</code>	json	a few seconds ago

The second device in the list is ID `NODEMCU`, which is `Disconnected` and of type `MCU`. It was added on `17 Nov 2022 15:11`. The footer shows `Items per page 50` and `1-2 of 2 items`. The page number `1` of `1` page is also displayed.