

Team ID	PNT2022TMID35389
Project Name	Smart waste management system for metropolitan cities

Sprint 2:

Creation of device in IBM IoT Watson :

The screenshot shows the IBM Watson IoT Platform interface. The left sidebar contains navigation options: Boards, Devices (selected), Members, Apps, Access Management, Usage, Security, and Settings. The main panel displays the 'Device ID' page for a device named '1'. The device is currently 'Disconnected'. The 'Device Information' tab is active, showing details such as Device ID (1), Device Type (dustbin), Date Added (Nov 19, 2022 5:42 PM), Added By (2019105036@smartinternz.com), and Connection Status (Disconnected). The connection status details include: Last Connected: Nov 19, 2022 7:11 PM, Client Address: 136.185.92.160, SecureToken, Duration: 30 minutes, and Data Transferred: 617.1 KB.

Sending data to IBM Watson IoT Platform from Python code:

The screenshot shows the IBM Watson IoT Platform interface with the 'Recent Events' tab selected for the device. The events listed show a live stream of data coming and going from the device. The events are as follows:

Event	Value	Format	Last Received
IoTSensor	{"lat_1":13.012594155082645,"long_1":80.23...	json	a few seconds ago
IoTSensor	{"lat_1":13.012594155082645,"long_1":80.23...	json	a few seconds ago
IoTSensor	{"lat_1":13.012594155082645,"long_1":80.23...	json	a few seconds ago
IoTSensor	{"lat_1":13.012594155082645,"long_1":80.23...	json	a few seconds ago
IoTSensor	{"lat_1":13.012594155082645,"long_1":80.23...	json	a few seconds ago

