

## IBM Cloud Services

Date	28 October 2022
Team ID	PNT2022TMID39437
Project Name	Project – Personal Assistance for Seniors Who are Self Reliant

### IBM Watson IoT Platform :

**IBM's Watson IoT Platform** is where you can set up and manage your connected devices. **IBM's Bluemix platform** is the place to quickly and easily create applications that can use real-time and historical data from your connected devices. This service is the hub for IBM Watson IoT and lets you communicate with and consume data from connected devices and gateways. Use the built-in web console dashboards to monitor your IoT data and analyze it in real time. Then, enhance and customize your IBM Watson IoT Platform experience by building and connecting your own apps by using messaging and REST APIs.

The screenshot displays the IBM Watson IoT Platform web console. The top navigation bar includes 'Browse', 'Action', 'Device Types', and 'Interfaces'. A search bar labeled 'Search by Device ID' is present. Below the navigation, a table lists devices with columns for Device ID, Status, Device Type, Class ID, Date Added, Descriptive Location, and Added By. Two devices are shown: one with ID 123 and another with ID 2927. The device with ID 2927 is selected, and its details are shown in a modal window. The details include Device ID (2927), Device Type (Raspberrypi), Date Added (Oct 30, 2022 7:50 PM), Added By (chithrachandrasekarkomathi@gmail.com), and Connection Status (Disconnected). The bottom of the screen shows pagination information: 'Items per page 50' and '1-2 of 2 items'.

Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location	Added By
123	Disconnected	Raspberrypi1	Device	Nov 1, 2022 8:51 PM		chithrachandrasekarkomathi@gmail.com
2927	Disconnected	Raspberrypi	Device	Oct 30, 2022 7:50 PM		chithrachandrasekarkomathi@gmail.com

Identity	Device Information	Recent Events	State	Logs
Device ID	2927			
Device Type	Raspberrypi			
Date Added	Oct 30, 2022 7:50 PM			
Added By	chithrachandrasekarkomathi@gmail.com			
Connection Status	Disconnected			

### Features:

#### **Analytics and Watson APIs**

Completely manage your IoT landscape and make better business decisions. Using a secure, smart and scalable platform as the hub of your IoT, get real-time analysis of

user, machine and system-generated data, including speech, text video and social sentiment. You need contextual insight for truly cognitive IoT applications

### **Connect what matters**

Connect IoT devices, networks and gateways through a growing ecosystem that uses open standards-based communications (MQTT, HTTPS). Globally scalable, starting with a single device.

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### **Manage risk and security**

Govern applications and devices within an IoT ecosystem by recognizing usage and performance patterns and detecting anomalies, and validating IoT data and transactions.