

Creating IBM Watson IoT Platform and Device

Team ID	PNT2022TMID06691
Project Name	Real-Time River Water Quality Monitoring and Control System

IBM Watson IoT Platform:

- IBM Watson IoT Platform acts as the mediator to connect the web application to IoT device. So, create the IBM Watson IoT Platform.

The screenshot displays the IBM Watson IoT Platform interface. At the top, the header shows the platform name, a user profile icon, and the email address 61071912130@smartinternz.com with ID: um5y3e. The main navigation bar includes tabs for 'Browse', 'Action', 'Device Types', and 'Interfaces'. A sidebar on the left contains various icons for navigation. The 'All Devices' tab is selected, showing a message: 'This table shows a summary of all devices that have been added. It can be filtered, organized, and searched on using different criteria. To get started, you can add devices by using the Add Device button, or by using API.' Below this message is a search bar labeled 'Search by Device ID' and a 'Device Simulator' toggle switch. A table with columns 'Device ID', 'Status', 'Device Type', 'Class ID', and 'Date Added' is shown, but it is empty. A message in the center of the table area states 'You don't have any devices.' with a 'Create a device.' button below it.

IBM Watson IoT Platform

61071912130@smartinternz.com
ID: um5y3e

Browse Action Device Types Interfaces

Add Device +

All Devices Diagnose

This table shows a summary of all devices that have been added. It can be filtered, organized, and searched on using different criteria. To get started, you can add devices by using the Add Device button, or by using API.

Search by Device ID

Device Simulator

Device ID	Status	Device Type	Class ID	Date Added
You don't have any devices.				

Create a device.

IoT Device:

- In order to connect the IoT Device to the IBM Cloud, create a device in the IBM Watson IoT Platform and get the device credentials.

The screenshot shows the IBM Watson IoT Platform interface. The top navigation bar includes 'Browse', 'Action', 'Device Types', and 'Interfaces'. The 'Browse Devices' section has tabs for 'All Devices' and 'Diagnose'. A table displays the following data:

	Device ID	Status	Device Type	Class ID	Date Added
>	13448	Disconnected	ESP32	Device	16 Nov 2022 15:42

A callout box labeled 'Created Device' with an arrow points to the 'Device Type' column. The footer shows 'Items per page 50' and '1 of 1 page'.