

Project Milestone and Tasks

Create And Configure IBM Cloud Services - Create IBM Watson IoT Platform And Device

Date	24 October 2022
Team ID	PNT2022TMID41539
Project Name	Project-Signs with Smart Connectivity for Better Road Safety
Maximum marks	4 Marks

IBM Watson IOT Device created

IBM Watson IoT Platform

621119106017@smartinternz.com
ID: 74k16v

Add Device +

Browse Devices

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 ☒

<input type="checkbox"/>	Device ID	Status	Device Type	Class ID	Date Added
> <input type="checkbox"/>	20082001	Disconnected	Board	Device	Oct 3, 2022 7:40 PM

Items per page 50 | 1-1 of 1 item

1 of 1 page

0 Simulations running

IBM Watson IoT Device simulated

The screenshot displays the IBM Watson IoT Platform dashboard in a web browser. The browser's address bar shows the URL `74k16v.internetofthings.ibmcloud.com/dashboard/devices/browse`. The dashboard has a dark sidebar with navigation icons and a main content area. The main area has tabs for 'Browse', 'Action', 'Device Types', and 'Interfaces'. Under 'Browse', there are buttons for 'All Devices' and 'Diagnose'. A text block explains that the table shows a summary of all devices and can be filtered or organized. Below this is a search bar labeled 'Search by Device ID'. A table lists the devices, with one device shown: ID '20082001', status 'Disconnected', and type 'Board'. At the bottom of the table, it says 'Items per page 50 | 1-1 of 1 item'. A 'Simulations' modal is open on the right, showing '0/50 Simulations Running' and a '+ New Simulation' button. It also shows the device type 'Board' with '1 Event' and a '1 Device' list containing '20082001'. At the bottom of the modal are buttons for '1 x Create Simulated Device' and 'Use Registered Device'. The Windows taskbar at the bottom shows various application icons and the system clock indicating 23:52 on 18-11-2022.

IBM Watson IoT Platform

Browse Action Device Types Interfaces

All Devices Diagnose

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

Search by Device ID

<input type="checkbox"/>	Device ID	Status	Device Type
> <input type="checkbox"/>	20082001	Disconnected	Board

Items per page 50 | 1-1 of 1 item

Simulations

Import/Export simulation

0/50 Simulations Running

+ New Simulation

Device Type Board

1 Event

1 Device

20082001

1 x Create Simulated Device Use Registered Device

Screenshot_2021....jpg

Show all

23:52 18-11-2022

IBM Watson IoT Device code created - saved - sended

The screenshot displays the IBM Watson IoT Platform interface. The main dashboard shows the 'Recent Events' tab for a device, listing five events with a 'distance' value. A modal window is open for creating a new event type named 'event_1'. The modal includes a 'Schedule' section set to 'Every Minute' and a 'Payload' section with a JSON template for a distance value generated by a random function. The 'Send' button is highlighted in the modal.

IBM Watson IoT Platform

Browse Action Device Types Interfaces

Identity Device Information **Recent Events** State

The recent events listed show the live stream of data that is coming and going

Event	Value
event_1	{"distance":60}
event_1	{"distance":21}
event_1	{"distance":36}
event_1	{"distance":92}
event_1	{"distance":7}

Device Type: Board

Events 1 **New event type**

Event type name event_1 **Send**

Schedule

1 Every Minute

Payload

Specify the event payload in the editor window or by uploading a [CSV file](#).

```
0 {  
1   "distance": random(0, 100)  
2 }  
3
```

Upload a CSV file

[What functions can I apply?](#)

Cancel **Save**

Items per page: 50 1 of 4 items

05:38 19-11-2022

IBM Watson IoT Device output got in Recent events

The screenshot displays the IBM Watson IoT Platform dashboard. The browser's address bar shows the URL `74k16v.internetofthings.ibmcloud.com/dashboard/devices/browse`. The dashboard header includes the IBM Watson IoT Platform logo, a user profile icon, and the email `621119106017@smartinternz.com` with the device ID `ID: 74k16v`. The main navigation bar has tabs for **Browse**, **Action**, **Device Types**, and **Interfaces**, along with an **Add Device** button. The **Recent Events** tab is selected, showing a table of events. The table has columns for **Event**, **Value**, **Format**, and **Last Received**. Below the table, it indicates **0 Simulations running**. The bottom of the dashboard shows a status bar with **Items per page 50** and **1-1 of 1 item**. The Windows taskbar at the bottom shows various application icons and the system clock indicating **23:56** on **18-11-2022**.

IBM Watson IoT Platform

621119106017@smartinternz.com
ID: 74k16v

Browse Action Device Types Interfaces Add Device +

Identity Device Information **Recent Events** State Logs

The recent events listed show the live stream of data that is coming and going from this device.

Event	Value	Format	Last Received
event_1	{"distance":19}	json	a few seconds ago
event_1	{"distance":71}	json	a few seconds ago
event_1	{"distance":26}	json	a few seconds ago

0 Simulations running

Items per page 50 | 1-1 of 1 item

Screenshot_20221....jpg Show all X

23:56
18-11-2022

IBM Watson IoT Board created

The screenshot displays the IBM Watson IoT Platform dashboard. The browser's address bar shows the URL: `74k16v.internetofthings.ibmcloud.com/dashboard/boards/04723132-8dd0-4da5-98c2-63ba65d3347d`. The dashboard header includes the text "IBM Watson IoT Platform" and a user profile for `621119106017@smartinternz.com` with ID `74k16v`.

The main content area is titled "Batch11" and features a "Line chart" card. The chart has a y-axis with values 0, 0.5, and 1, and an x-axis with a single data point at 23:50. A status box at the bottom right of the dashboard indicates "0 Simulations running".

The Windows taskbar at the bottom shows the following icons from left to right: Windows Start button, Task View, Microsoft Edge, File Explorer, Google Chrome, Mozilla Firefox, Microsoft Word, Microsoft Excel, and Adobe Reader. The system tray on the right shows the date and time as 23:54 on 18-11-2022.