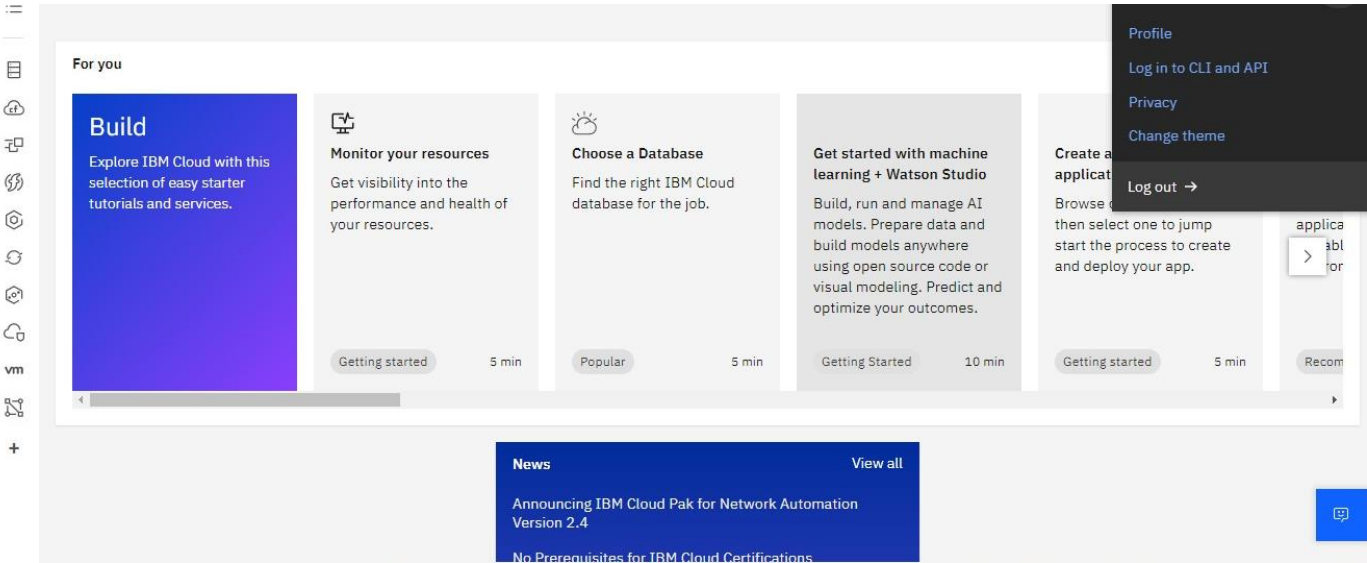


US-3: IBM Watson IoT Platform acts as the mediator to connect the web application to IoT devices, so create the IBM Watson IoT platform

Sprint-1

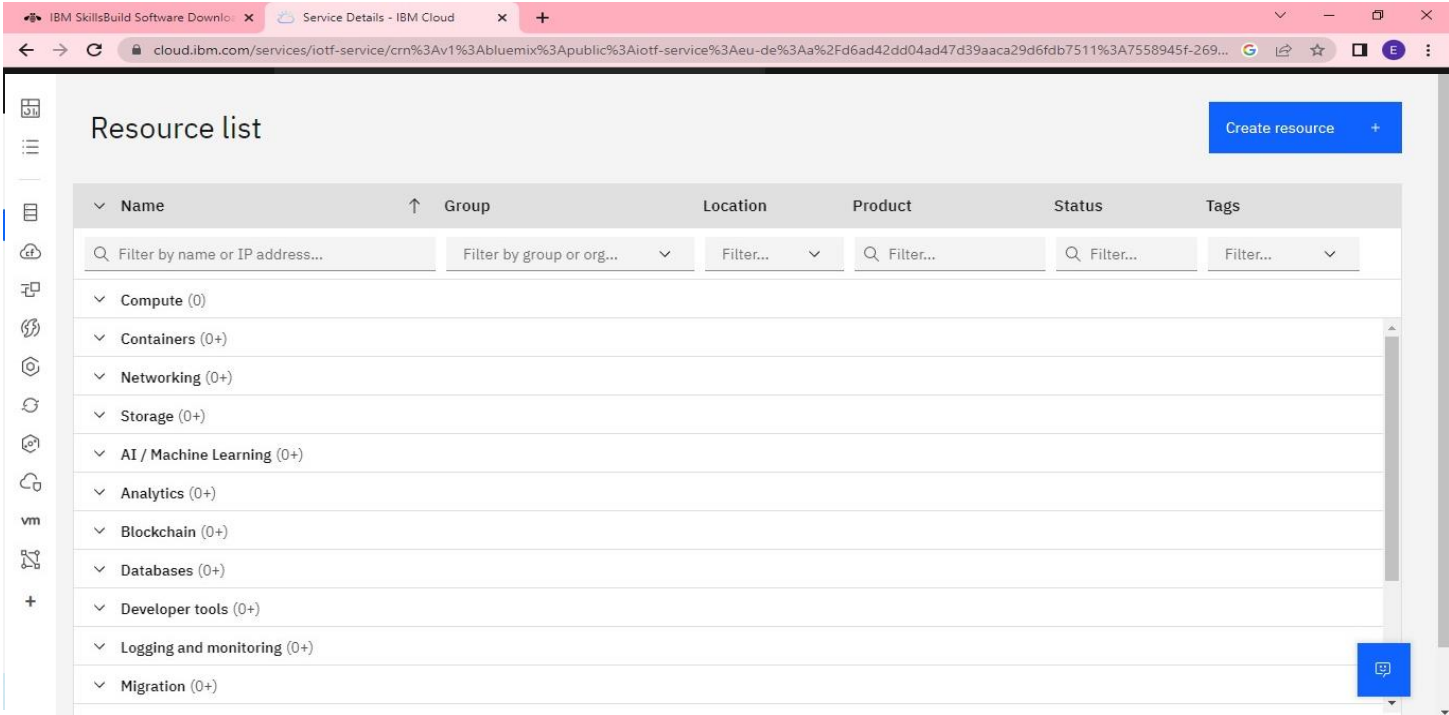
Date	10 November 2022
Team ID	PNT2022TMID33544
Project Name	Project: Signs with Smart Connectivity for Better Road Safety
Marks	20 Marks

US-1: Create the IBM Cloud services which are being used in this project.



US-3: IBM Watson IoT Platform acts as the mediator to connect the web application to IoT devices, so create the IBM Watson IoT platform

US-2: Configure the IBM Cloud service which are being used in completing this project.



US-3: IBM Watson IoT Platform acts as the mediator to connect the web application to IoT devices, so create the IBM Watson IoT platform

The screenshot displays the IBM Watson IoT Platform interface. At the top, a browser address bar shows the URL: `33lnun.internetofthings.ibmcloud.com/dashboard/devices/browse`. The main header includes the IBM Watson IoT Platform logo and a user profile section with the email `910019106032@student.autmd.edu.in` and ID `33lnun`.

The main content area is divided into several sections. On the left, there is a sidebar with icons for navigation. The main area shows a list of devices, with one device selected: `PNT2022TMID47485`. The device status is `Disconnected`. Below the device name, there are tabs for `Identity`, `Device Information`, `Recent Events`, `State`, and `Logs`. The `Recent Events` tab is active, showing a table of recent events.

The table of recent events has the following structure:

Event	Value	Format
event_1	{"Temperature":11,"Humidity":65,"Rain":25}	json
event_1	{"Temperature":9,"Humidity":26,"Rain":42}	json
event_1	{"Temperature":29,"Humidity":27,"Rain":34}	json
event_1	{"Temperature":69,"Humidity":87,"Rain":57}	json
event_1	{"Temperature":43,"Humidity":6,"Rain":99}	json

Below the table, it indicates `Items per page 50` and `1-1 of 1 item`.

On the right side, a modal window is open for configuring the device `PNT2022TMID47485`. The modal has a title `Device Type: PNT2022TMID47485` and a `Send` button. It contains several sections:

- Events**: A section with a `New event type` button and a `Send` button.
- Schedule**: A section with a `20` minute interval and a `Every Minute` dropdown.
- Payload**: A section with a `Specify the event payload in the editor window or by uploading a CSV file.` instruction. It shows a JSON payload editor with the following content:


```
0 {
1   "Temperature": random(0, 100),
2   "Humidity": random(0,100),
3   "Rain": random(0,100)
4 }
5
```
- Buttons**: `Upload a CSV file`, `Cancel`, and `Save` buttons.

At the bottom of the screen, there is a footer with links to `Develop a Comp...`, `Wireless Commu...`, and `Introduction to e...`, all marked as `Removed`. A `Show all` button is also present.

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	{"Temperature":27,"Humidity":29,"Rain":22}	json	a few seconds ago
event_1	{"Temperature":11,"Humidity":65,"Rain":25}	json	a few seconds ago
event_1	{"Temperature":9,"Humidity":26,"Rain":42}	json	a few seconds ago
event_1	{"Temperature":29,"Humidity":27,"Rain":34}	json	a few seconds ago
event_1	{"Temperature":69,"Humidity":87,"Rain":57}	json	a few seconds ago

Items per page 50

1-1 of 1 item

1 of 1 page

<

1

>

1 Simulation running