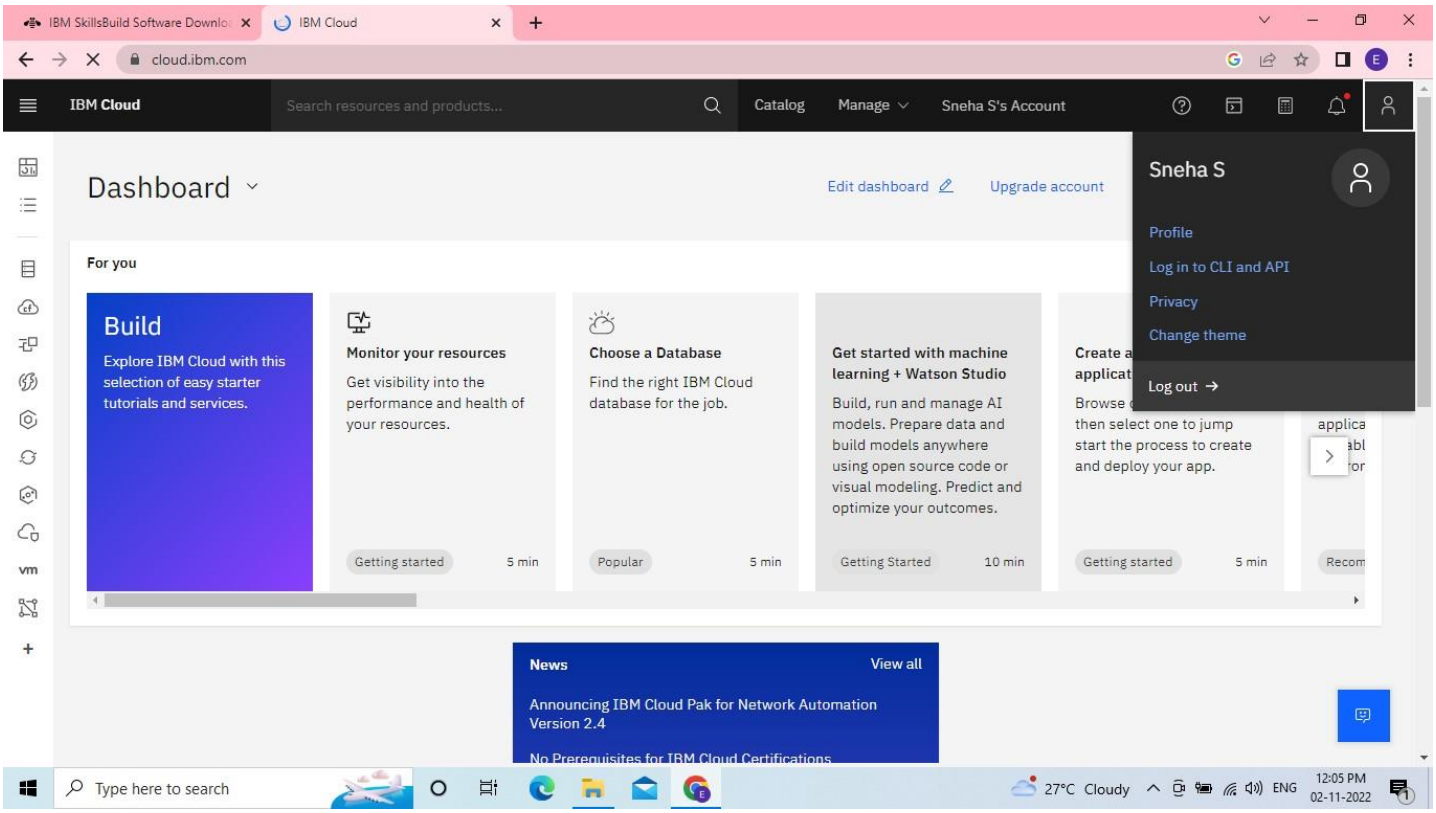
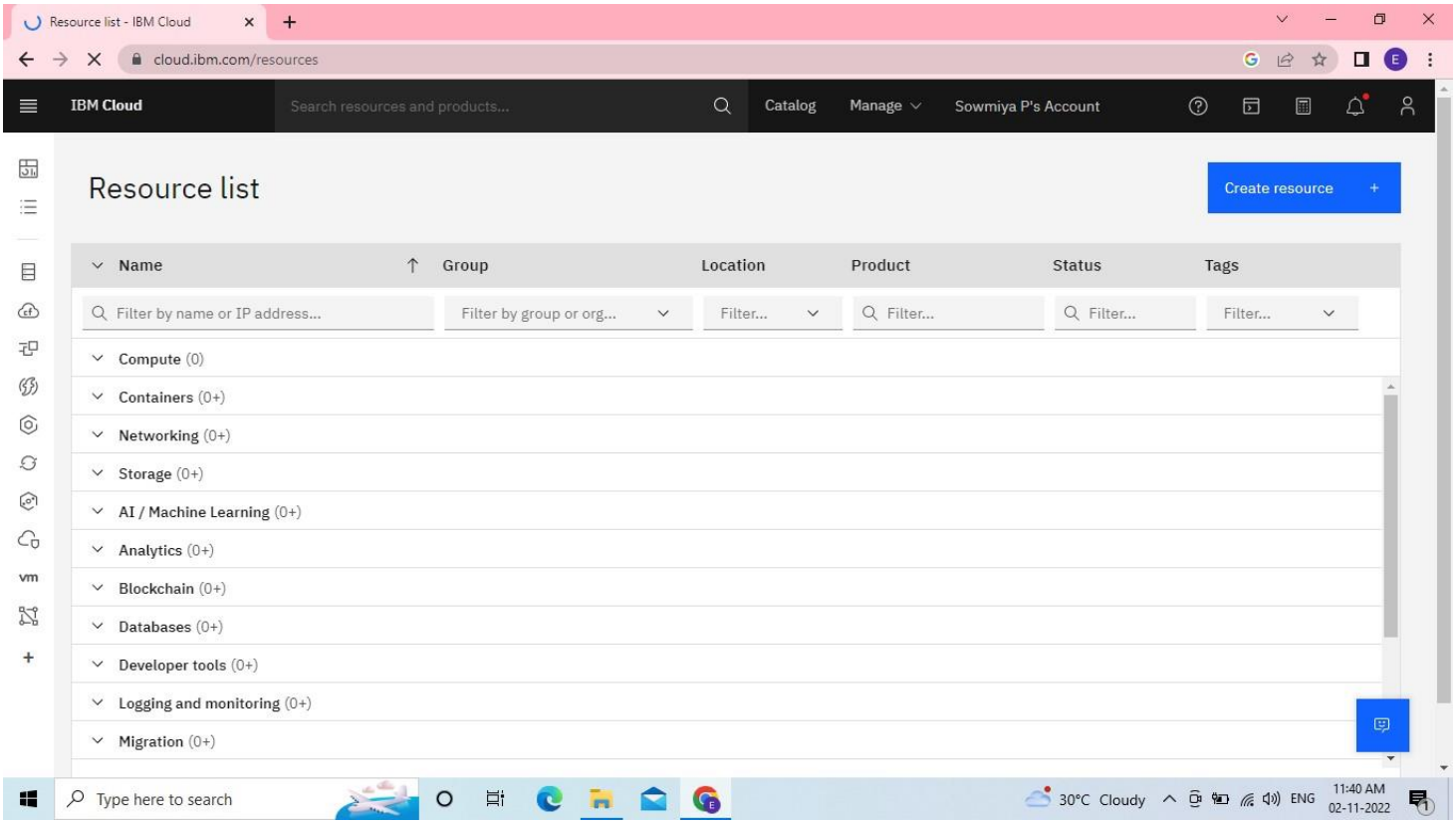
Sprint-1

Date	2 November 2022
Team ID	PNT2022TMID05133
Project Name	Project: Signs with Smart Connectivity for Better Road Safety
Marks	20 Marks

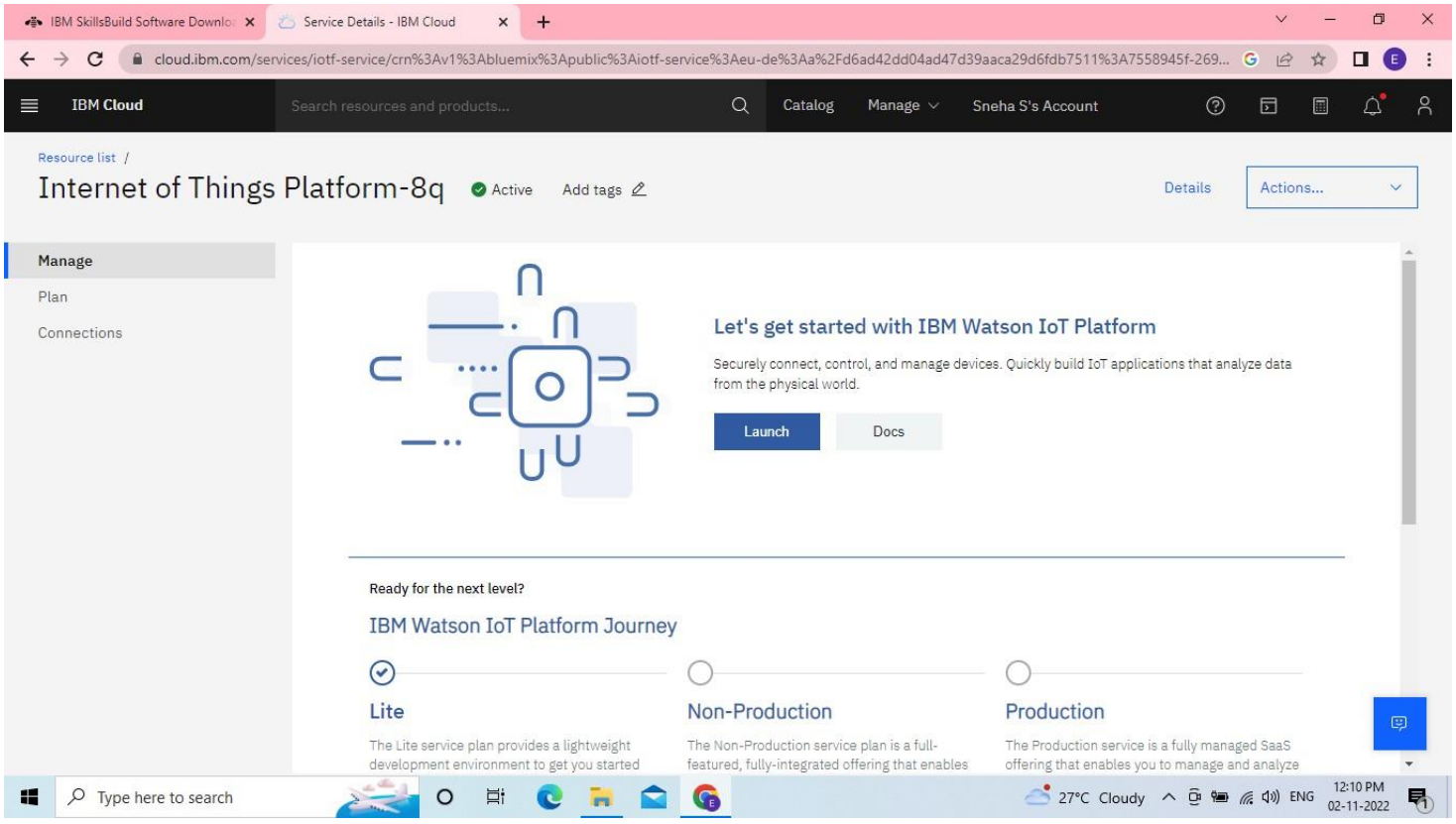
US-1: Create the IBM Cloud services which are being used in this project.



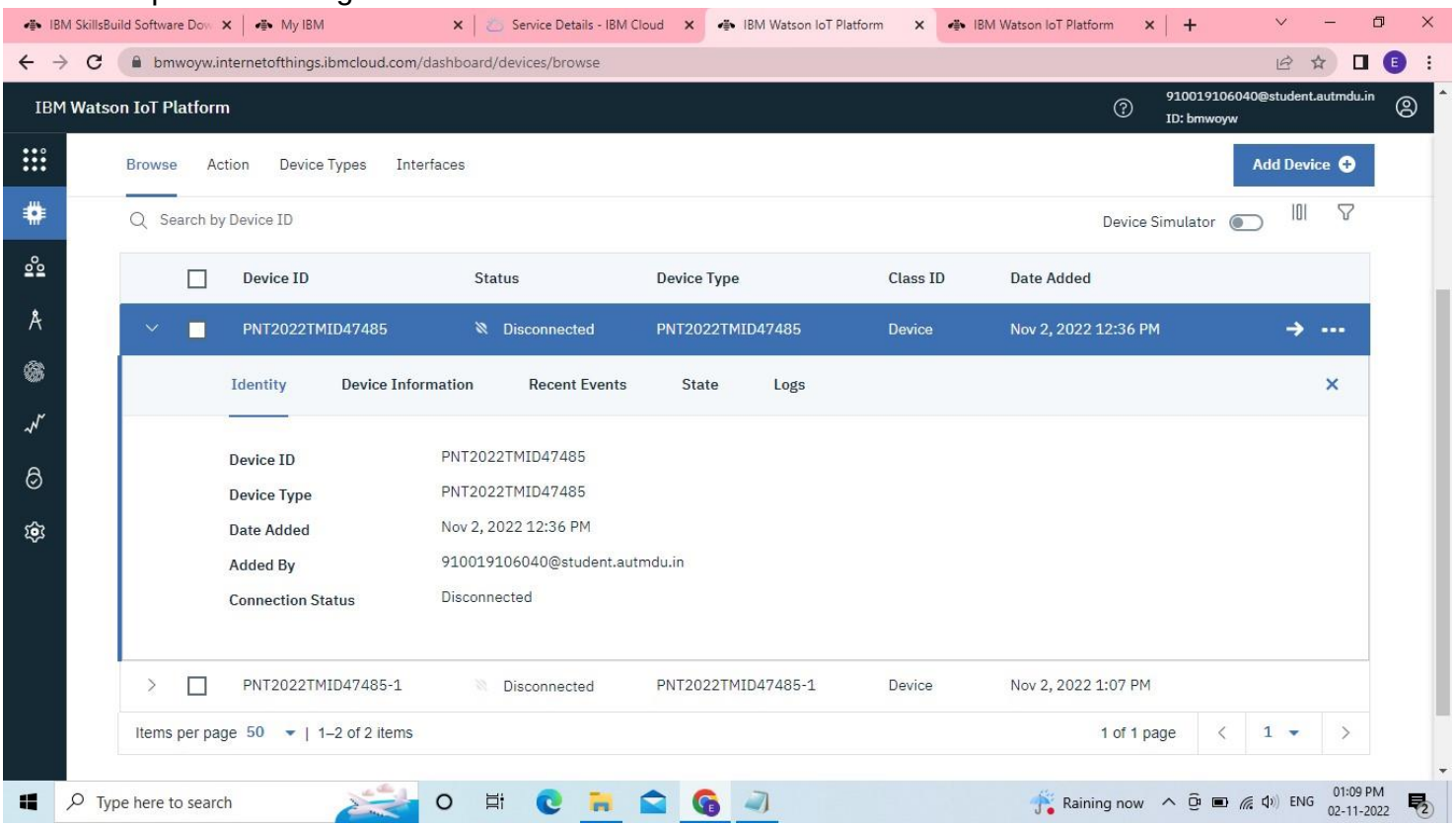
US-2: Configure the IBM Cloud service which are being used in completing this project.

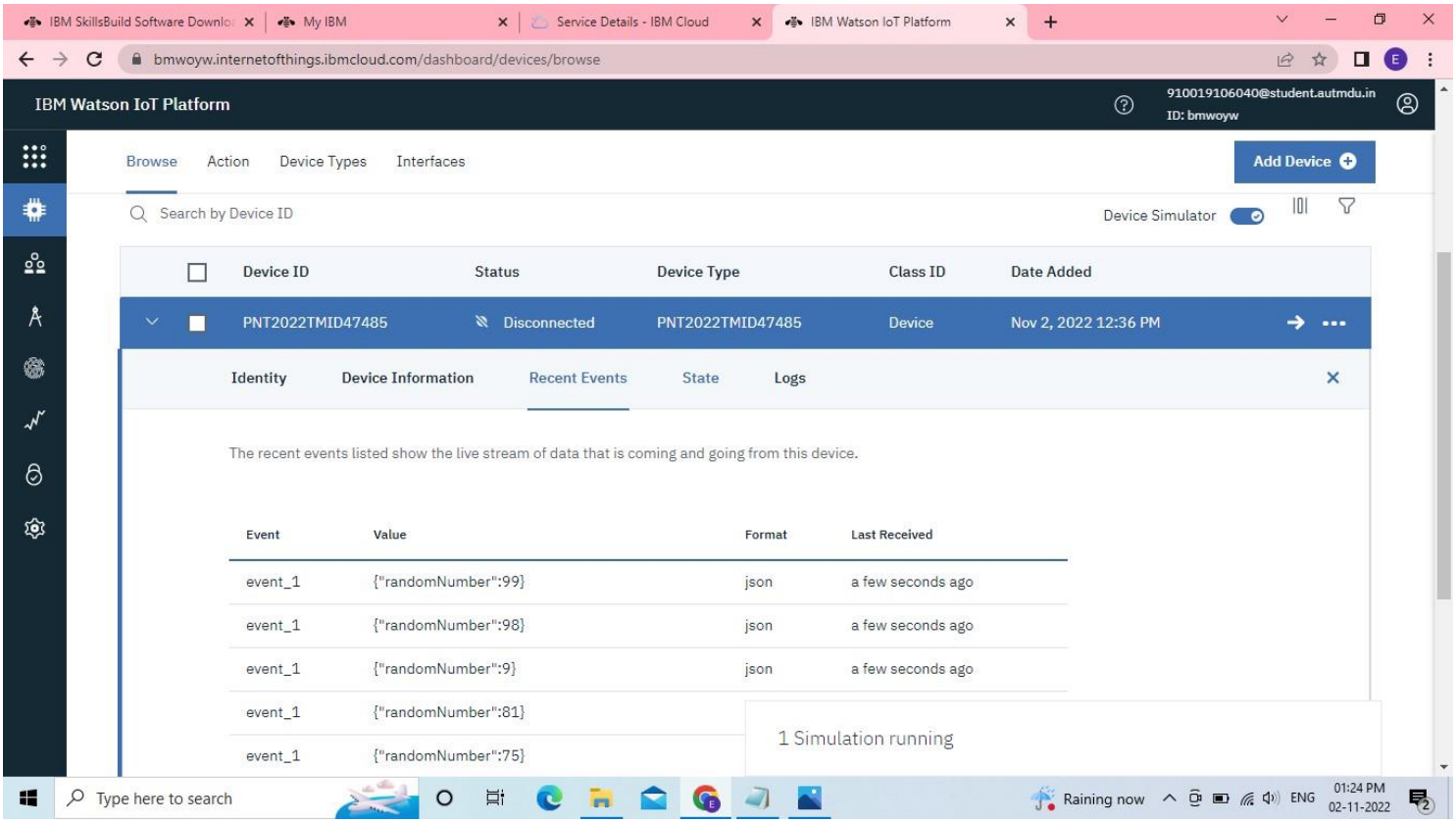


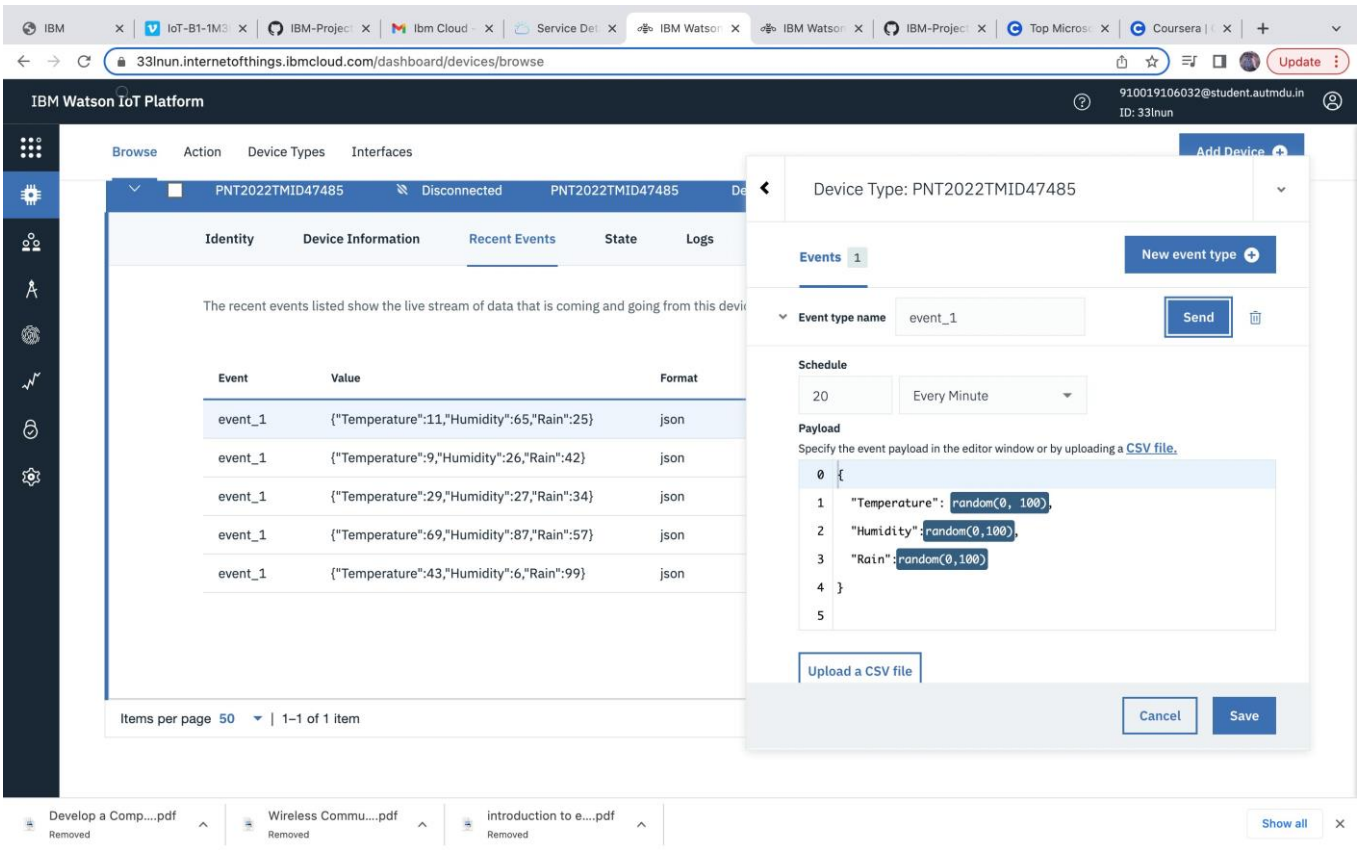
US-3: IBM Watson IoT Platform acts as the mediator to connect the web application to IoT devices, so create the IBM Watson IoT platform.

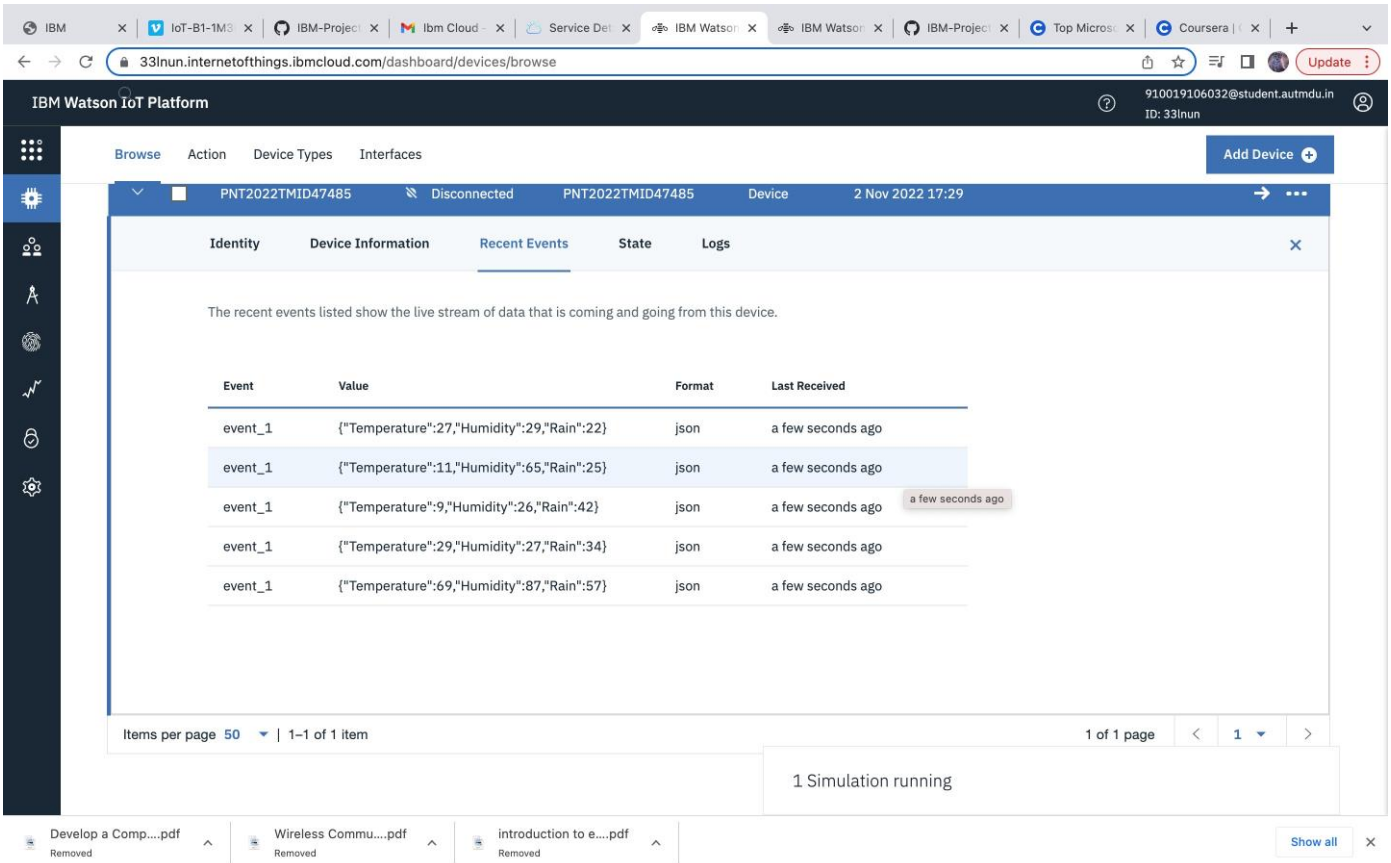


US-4: In order to connect the IoT device to the IBM Cloud, create a device in IBm Watson IoT platform and get device credentials.






IBM Watson IoT Platform
33lnun.internetofthings.ibmcloud.com/dashboard/devices/browse
Browse
Action
Device Types
Interfaces
Add Device
PNT2022TMID47485
Disconnected
Identity
Device Information
Recent Events
State
Logs
The recent events listed show the live stream of data that is coming and going from this devi
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
Items per page 50 | 1–1 of 1 item
Device Type: PNT2022TMID47485
Events 1
New event type
Event type name event_1
Send
Schedule
20
Every Minute
Payload
Specify the event payload in the editor window or by uploading a CSV file.
{
"Temperature": random(0, 100),
"Humidity":random(0,100),
"Rain":random(0,100)
}
Upload a CSV file
Cancel
Save
Develop a Comp....pdf Removed
Wireless Commu....pdf Removed
introduction to e....pdf Removed
Show all


IBM Watson IoT Platform
33lnun.internetofthings.ibmcloud.com/dashboard/devices/browse
Browse
Action
Device Types
Interfaces
Add Device
PNT2022TMID47485
Disconnected
PNT2022TMID47485
Device
2 Nov 2022 17:29
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
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 Simulation running
Develop a Comp....pdf Removed
Wireless Commu....pdf Removed
introduction to e....pdf Removed
Show all