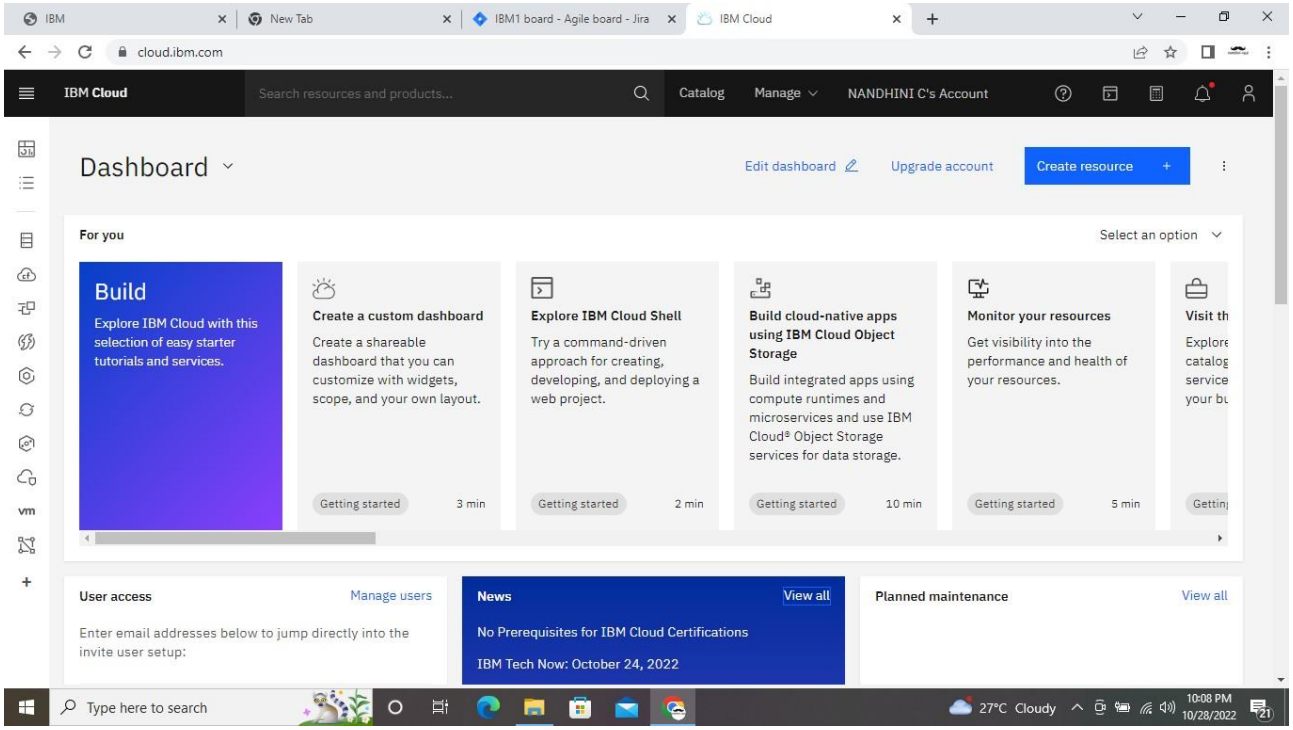
Project Development Phase
Sprint-1

Date	29 October 2022
Team ID	PNT2022TMID35688
Project Name	Project – IoT Based Real-time River water qualitymonitoring and control system

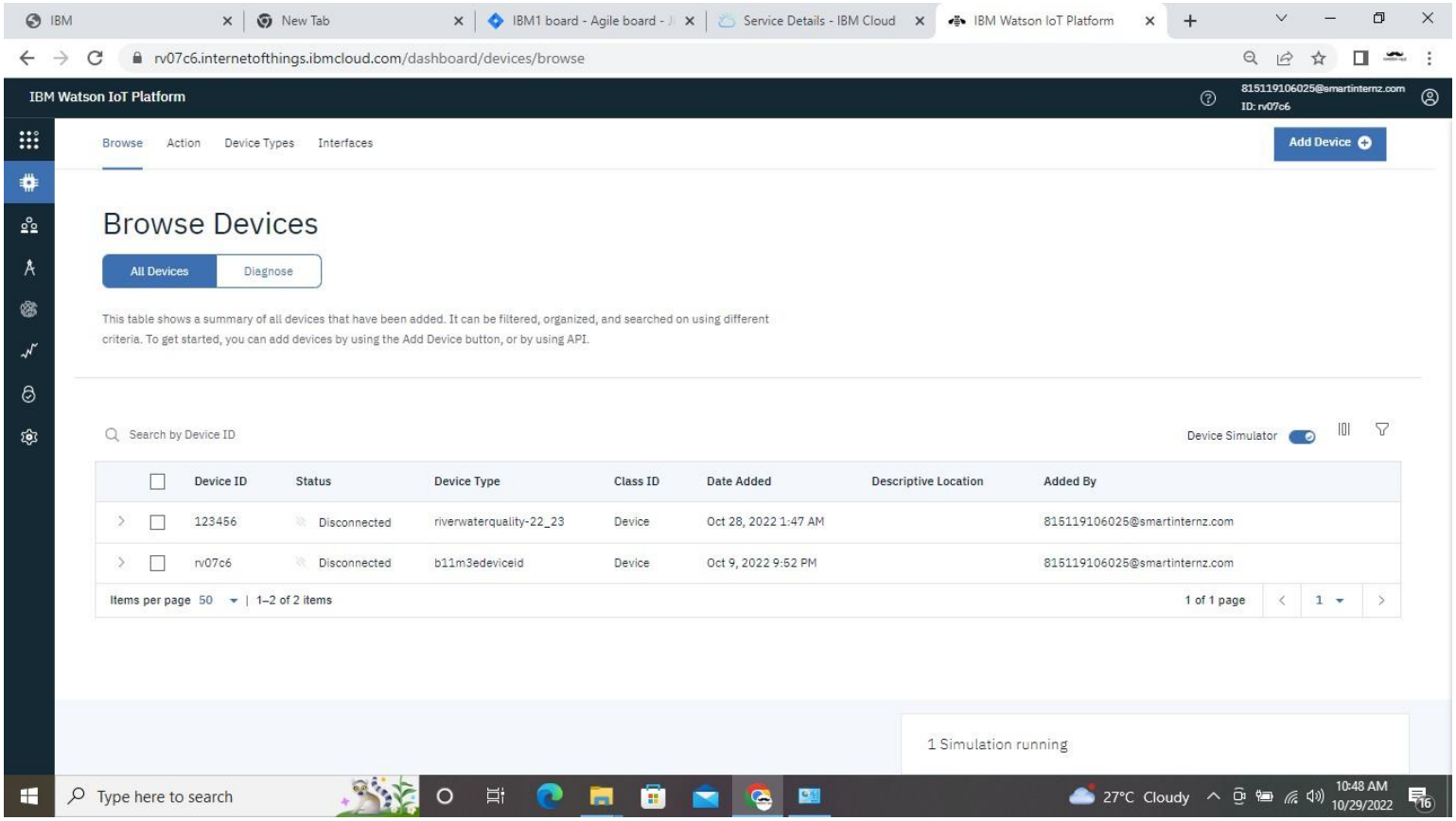
USN-1

As a user,I will register in ICTA Academy and create IBM cloud account.



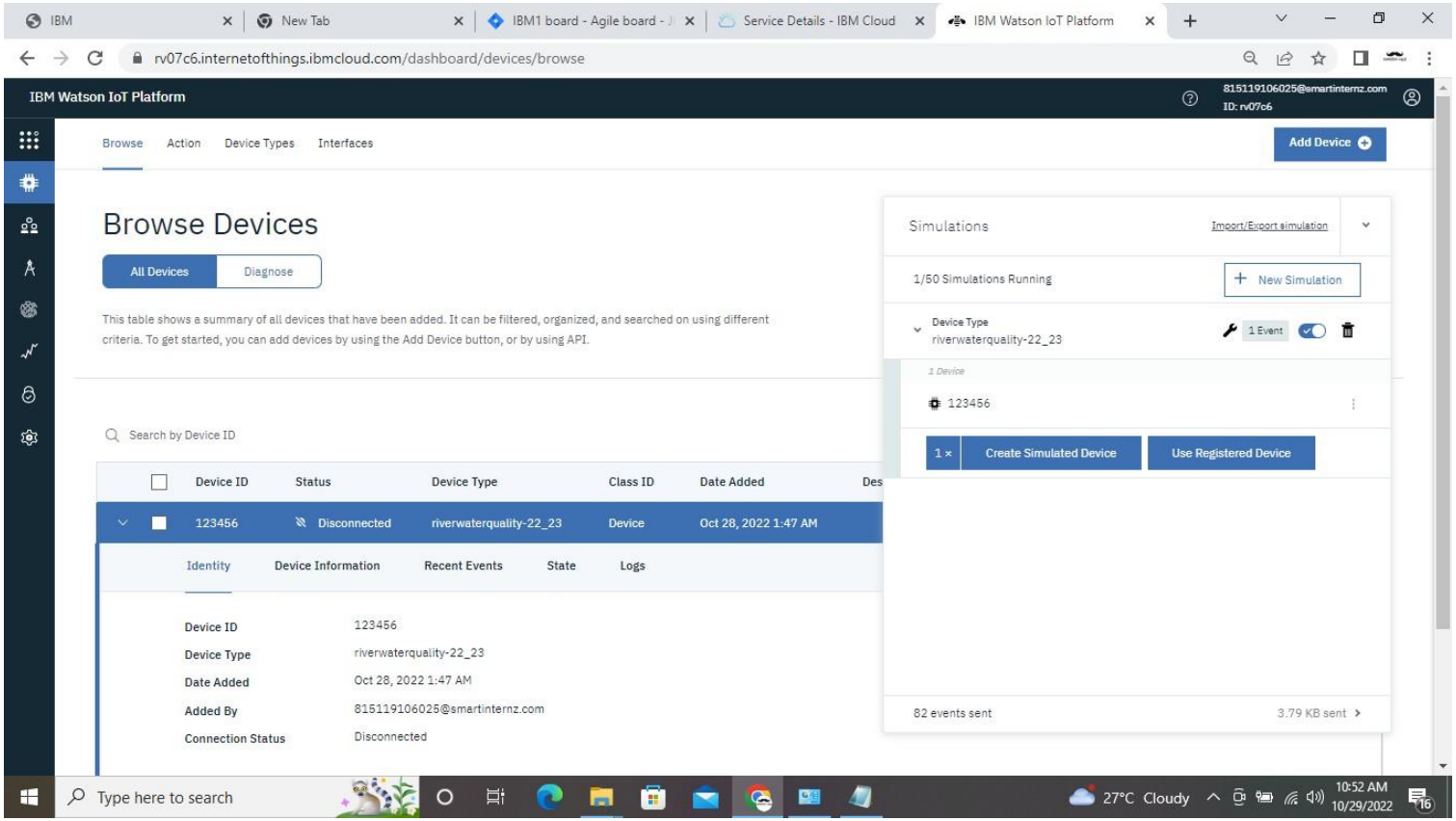
USN-2

As a user, I will access IBM cloud and launch the IBM Watson IOT platform.



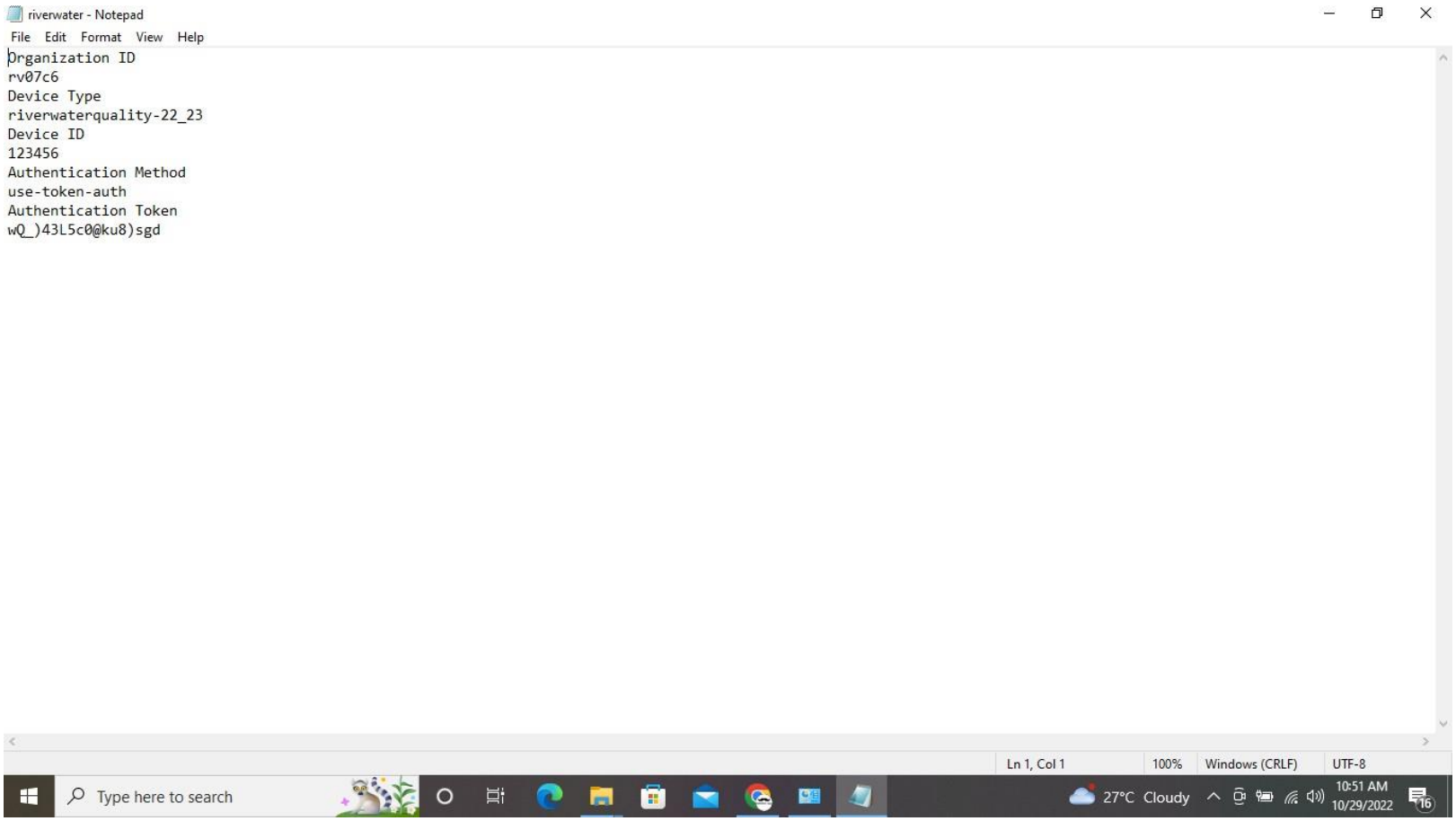
USN-3

As a user, I can create a device in the IOT IBM Watson platform for simulation .



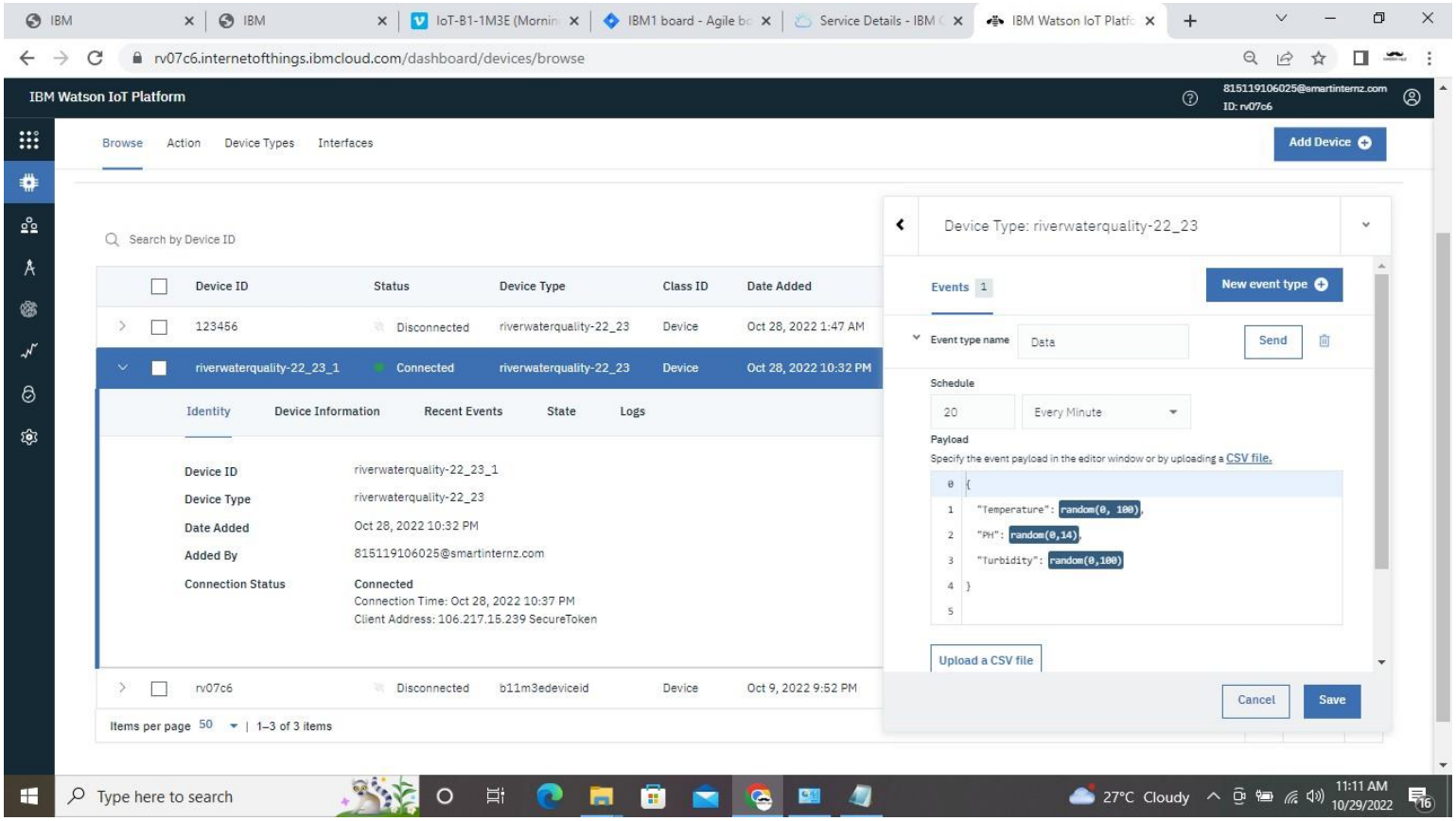
USN-4

As a user, I will get the device ID and device type of my device.



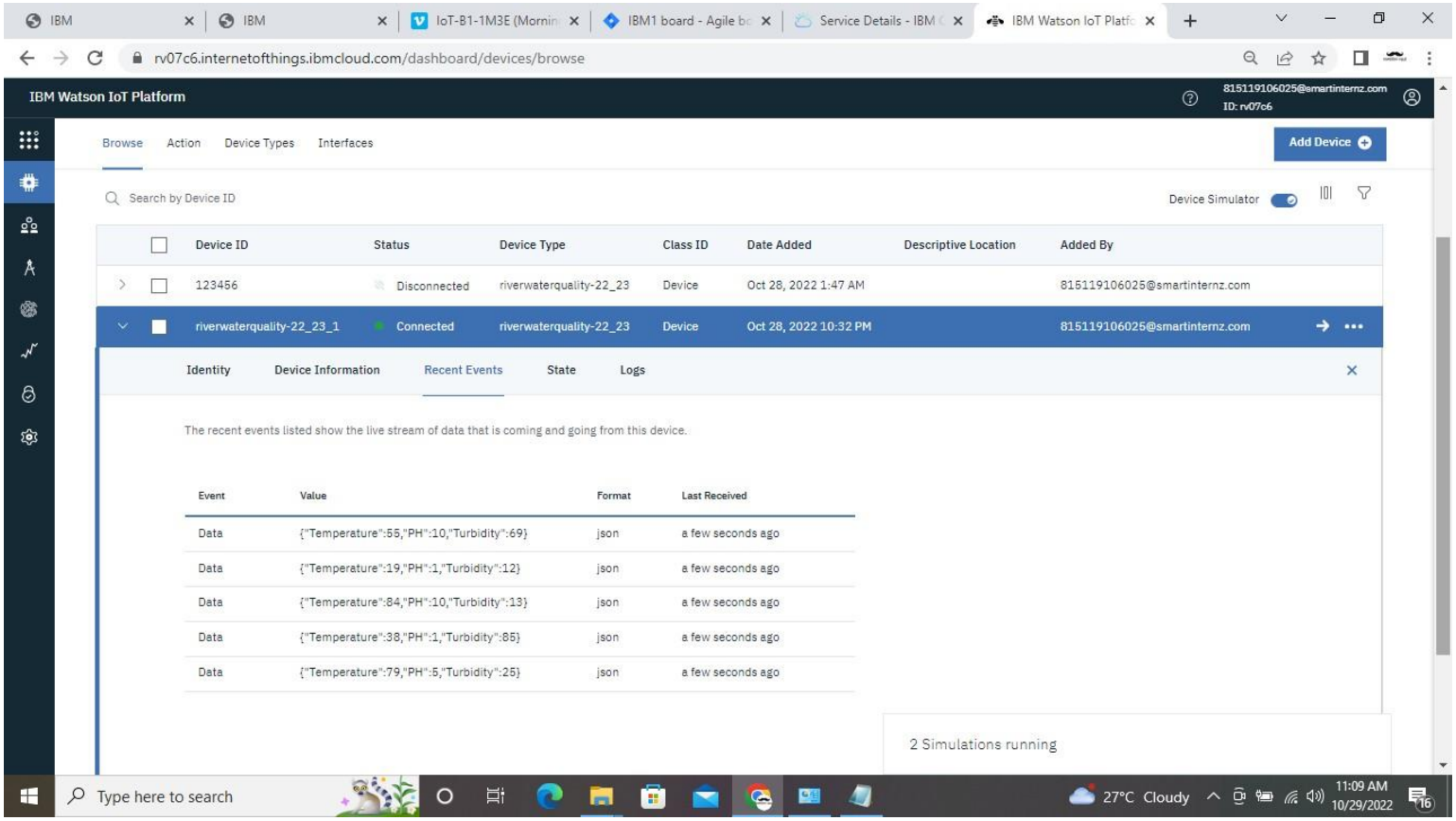
USN-5

As a user, I can simulate the device created.

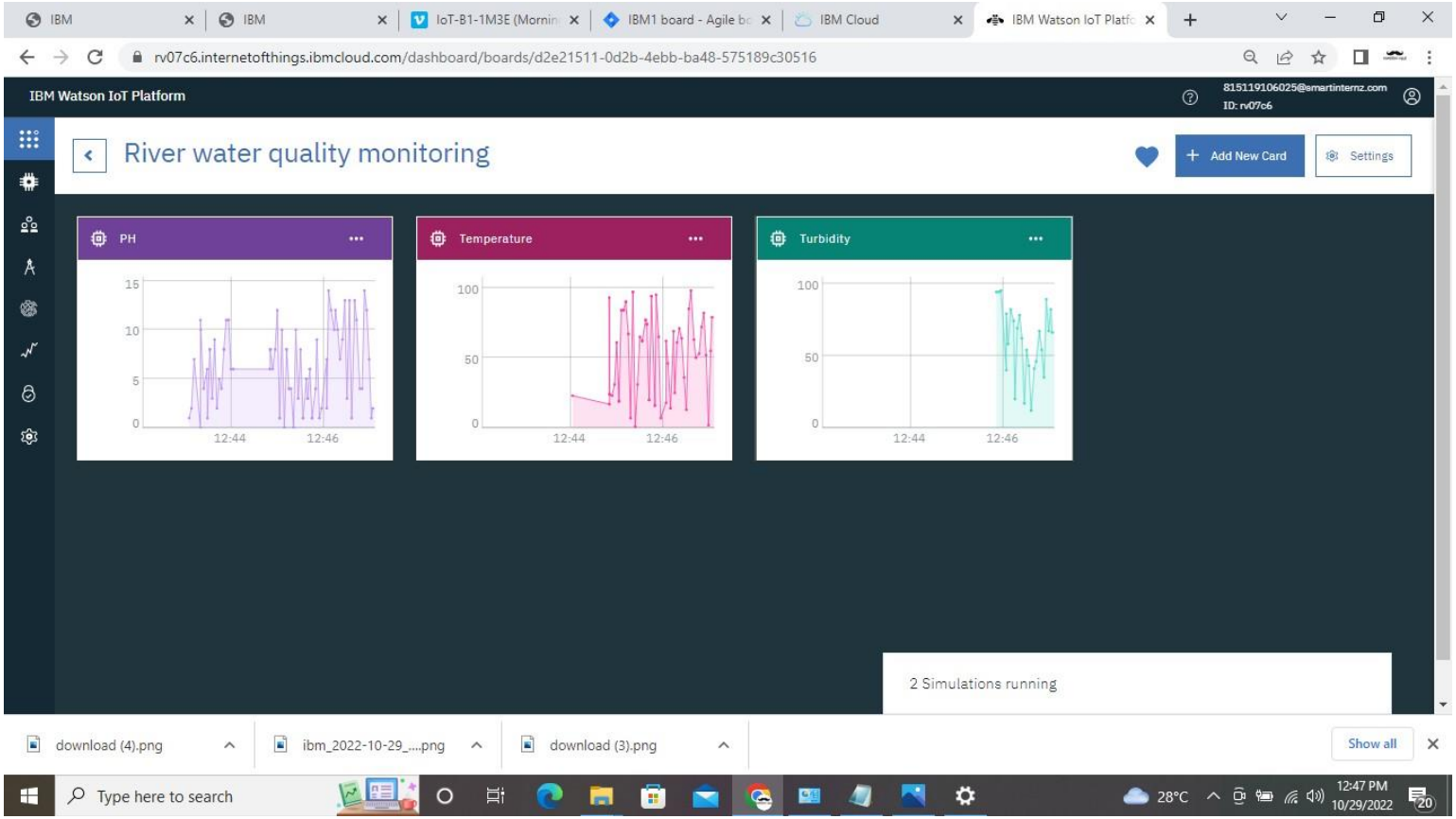


USN-6

As a user ,I can get the values of temperature, PH and turbidity. I can create a line chart with my output data .



LINE CHART


IBM Watson IoT Platform
River water quality monitoring
Add New Card
Settings
PH
Temperature
Turbidity
2 Simulations running
download (4).png
ibm_2022-10-29_....png
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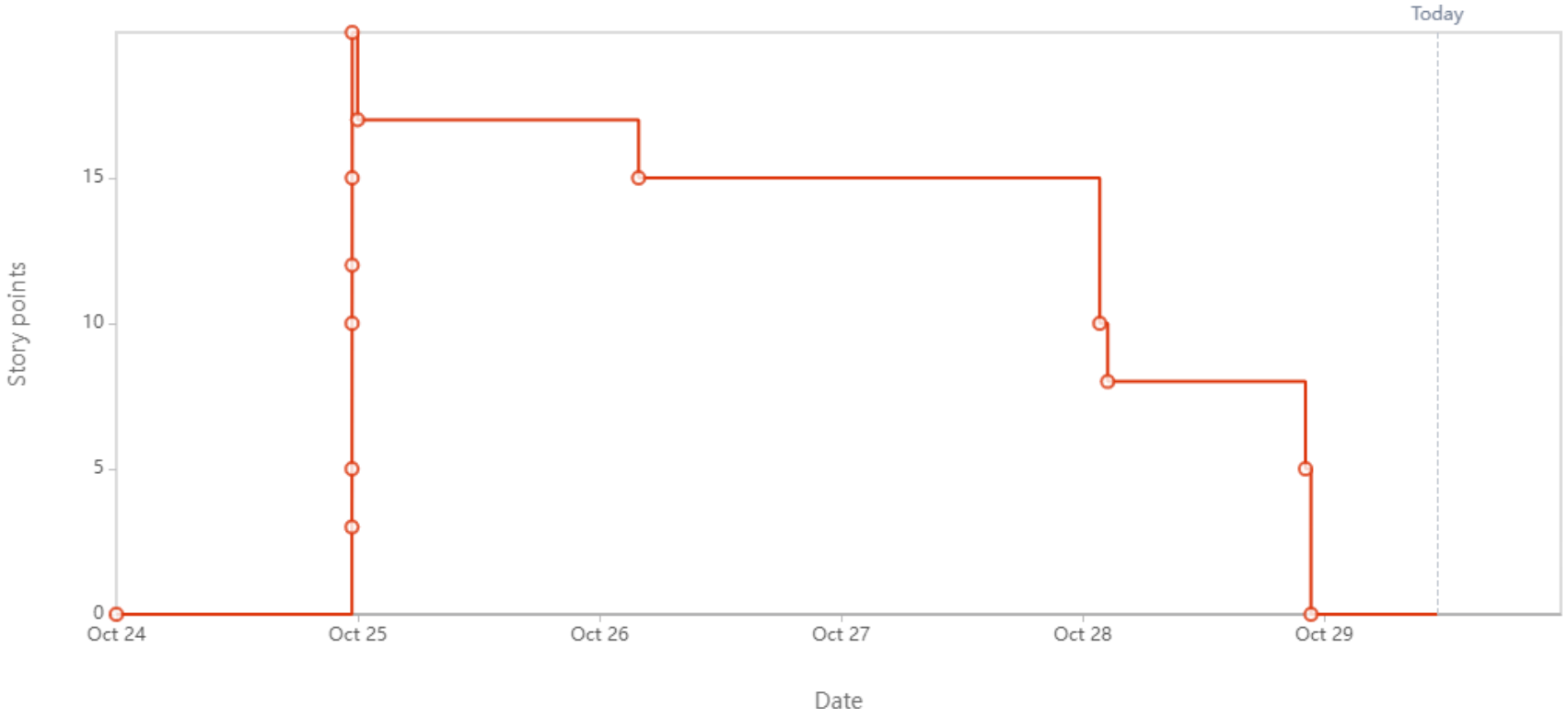
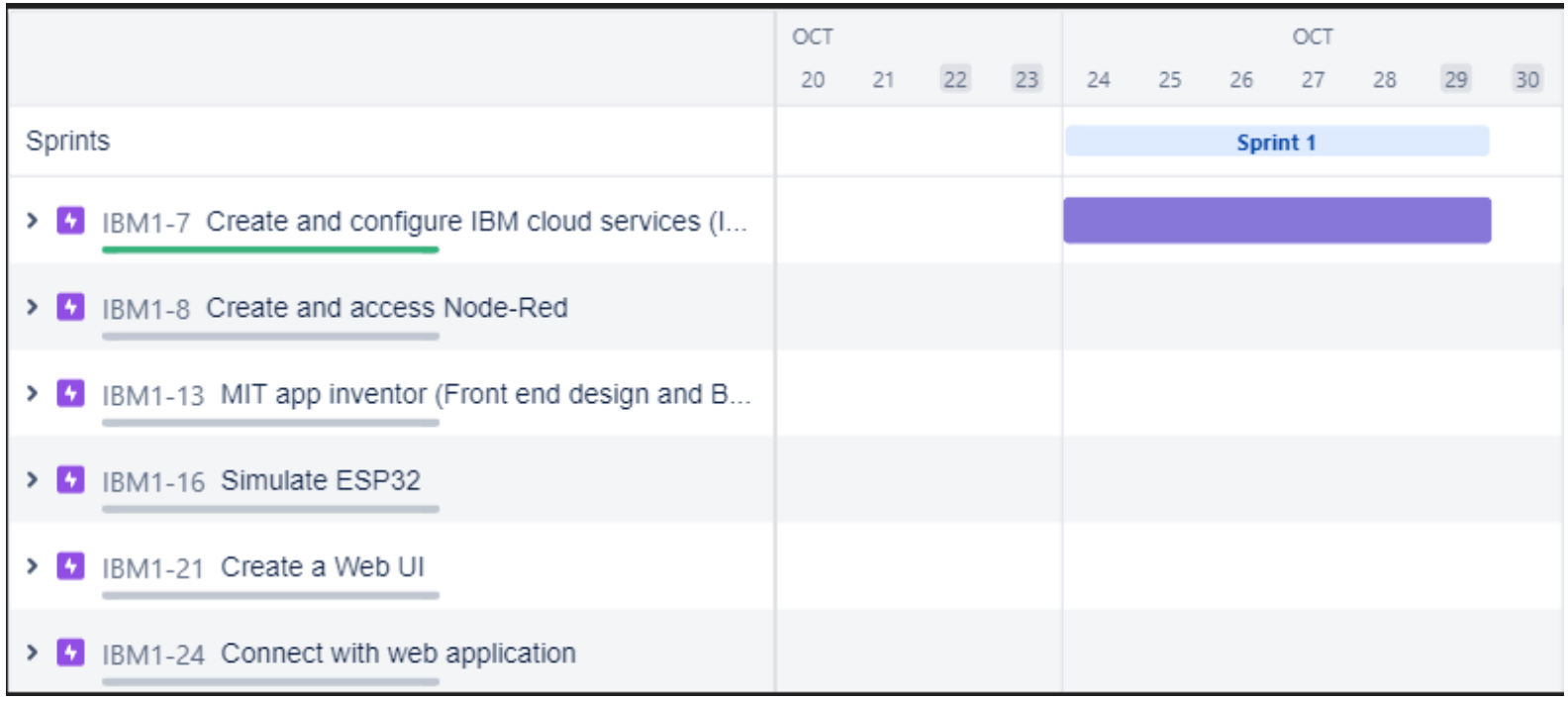
Show all
Type here to search
28°C
12:47 PM
10/29/2022

SPRINT BURNDOWN CHART



ROAD MAP


OCT
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OCT
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Sprints
Sprint 1
IBM1-7 Create and configure IBM cloud services (I...
IBM1-8 Create and access Node-Red
IBM1-13 MIT app inventor (Front end design and B...
IBM1-16 Simulate ESP32
IBM1-21 Create a Web UI
IBM1-24 Connect with web application

VELOCITY CHART