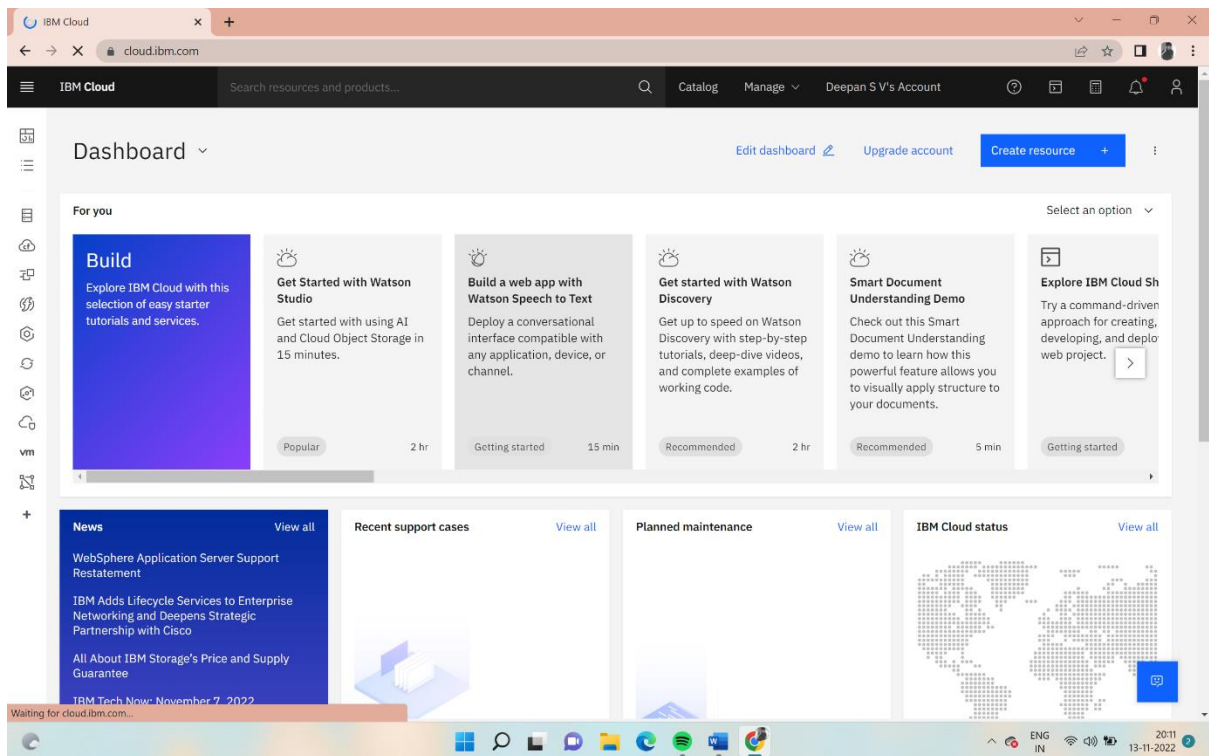


Project development phase

Sprint-1

DATE	13 NOVEMBER 2022
TEAM ID	PNT2022TMID08456
PROJECT NAME	REAL TIME RIVER WATER QUALITY MONITORING AND CONTROL SYSTEM

I have registered in ICT Academy & created IBM cloud



I have accessed IBM cloud AND launched IBM WATSON platform

IBM Watson IoT Platform

Browse Action Device Types Interfaces

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

Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
9894850078	Disconnected	Temperature	Device	Nov 11, 2022 6:07 PM	

Items per page 50 | 1-1 of 1 item 1 of 1 page

IBM Watson IoT Platform

General Settings

Here you can see and modify global organization information and locally enable experimental Watson IoT Platform features.

PLATFORM

- About
- Identity
- Experimental Features
- Last Event Cache
- Client Connection State API

DATA AND DEVICES

- Custom Device Management Packages
- Device Simulator

SECURITY

- Connection Security

You currently have 1 event type.

Device Simulator

Simulate devices and device data to get up and running quickly on Watson IoT Platform.

Activate Device Simulator

Connection Security

You can use the Connection Security Policy to configure the security of your devices.

Open Connection Security Policy

Device Type: Temperature

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.

```
{
  1: "temperature": random(0, 100)
}
```

Upload a CSV file

Cancel Save

IBM Watson IoT Platform

810419106011@dsengg.ac.in
ID: az3trvx

Browse Action Device Types Interfaces

Add Device

Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
9894850078	Disconnected	Temperature	Device	Nov 11, 2022 6:07 PM	

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":23}	json	a few seconds ago
event_1	{"temperature":79}	json	a few seconds ago
event_1	{"temperature":99}	json	a few seconds ago

Items per page 50 | 1-1 of 1 item

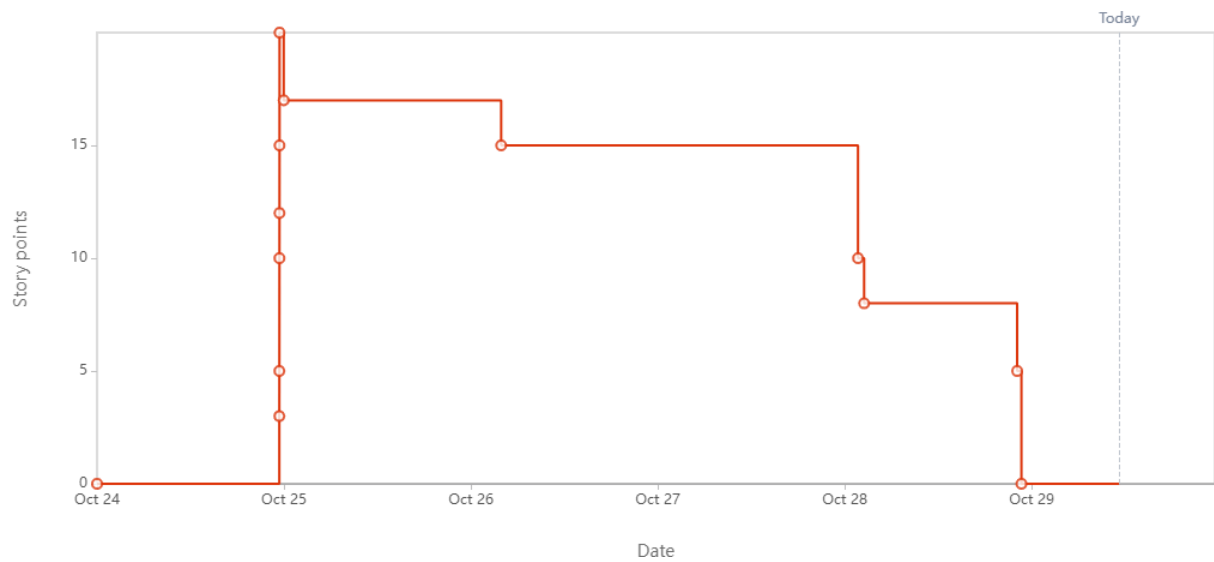
1 of 1 page

1 Simulation running







26°C Cloudy

19:10 13-11-2022

BURNDOWN CHART



ROADMAP

	OCT				OCT						
	20	21	22	23	24	25	26	27	28	29	30
Sprints					Sprint 1						
>  <u>IBM1-7 Create and configure IBM cloud services (I...</u>											
>  <u>IBM1-8 Create and access Node-Red</u>											
>  <u>IBM1-13 MIT app inventor (Front end design and B...</u>											
>  <u>IBM1-16 Simulate ESP32</u>											
>  <u>IBM1-21 Create a Web UI</u>											
>  <u>IBM1-24 Connect with web application</u>											

VELOCITY CHART

