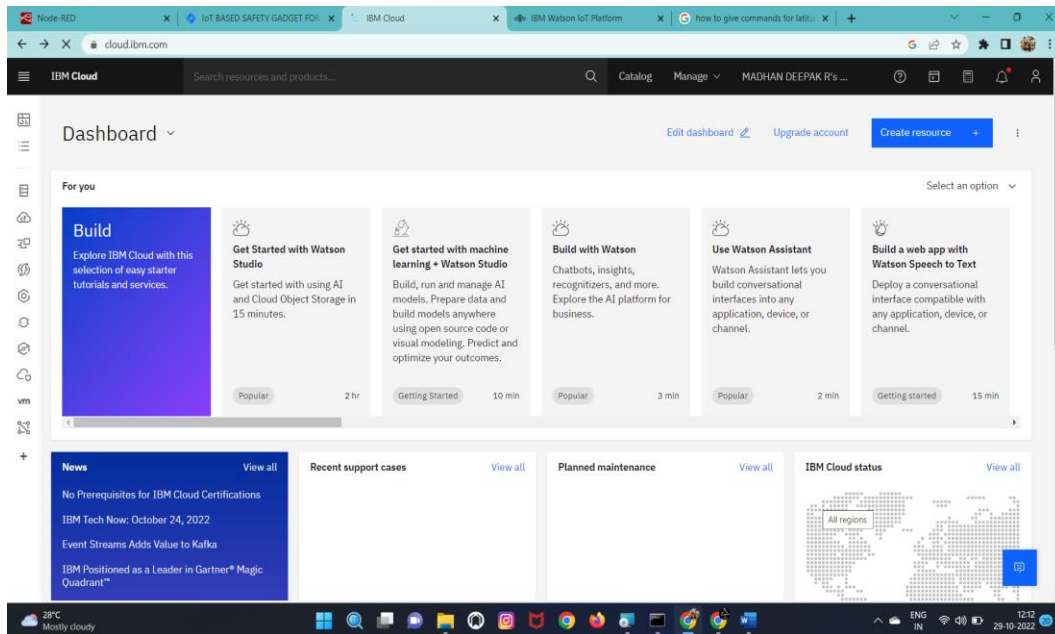


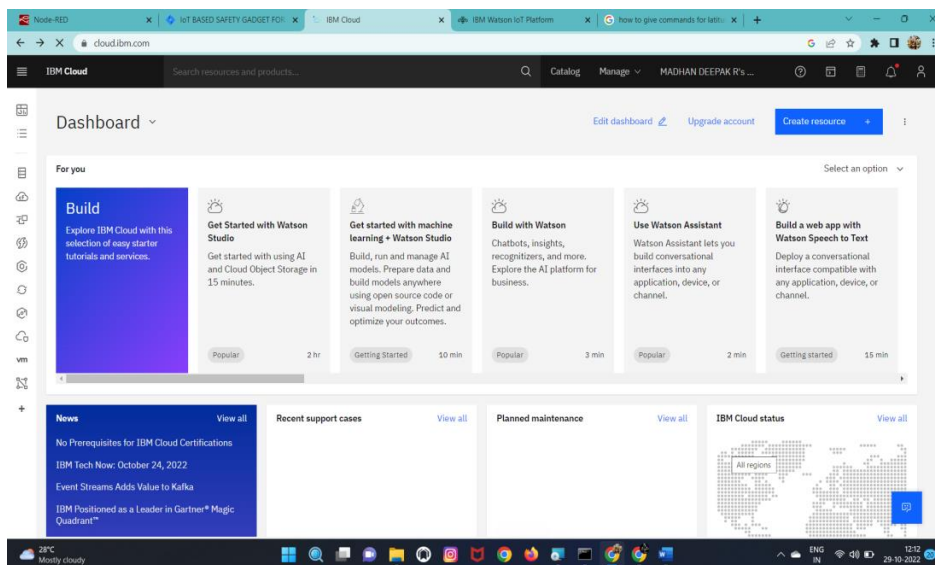
## Project Planning Phase

Date	22 October 2022
Team ID	PNT2022TMID46169
Project Name	IOT BASED SAFETY GADGET FOR CHILD MONITORING AND NOTIFICATION

### USN 1: As a user I need to enrol the cloud registration



### USN 2: As a user, I will create IBM cloud account



### USN 3: After creating cloud account launch IBM Watson IoT platform by accessing cloud account

Resource list / Internet of Things Platform-97 Active [Add tags](#) [Details](#) [Actions...](#)

**Manage**

- Plan
- Connections

**Let's get started with IBM Watson IoT Platform**

Securely connect, control, and manage devices. Quickly build IoT applications that analyze data from the physical world.

[Launch](#) [Docs](#)

**Ready for the next level?**

**IBM Watson IoT Platform Journey**

- Lite**  
The Lite service plan provides a lightweight development environment to get you started with the connectivity capabilities of Watson IoT Platform.  
• Free
- Non-Production**  
The Non-Production service plan is a full-featured, fully-integrated offering that enables you to explore Watson IoT Platform to see how the service can fit into your IoT environment.  
• Starts at \$500 per month
- Production**  
The Production service is a fully managed SaaS offering that enables you to manage and analyze enterprise IoT data.  
• Includes IBM Service & Support

### USN 4: Create the node in IBM Watson platform

IBM Watson IoT Platform

[Browse](#) [Action](#) [Device Types](#) [Interfaces](#) [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.

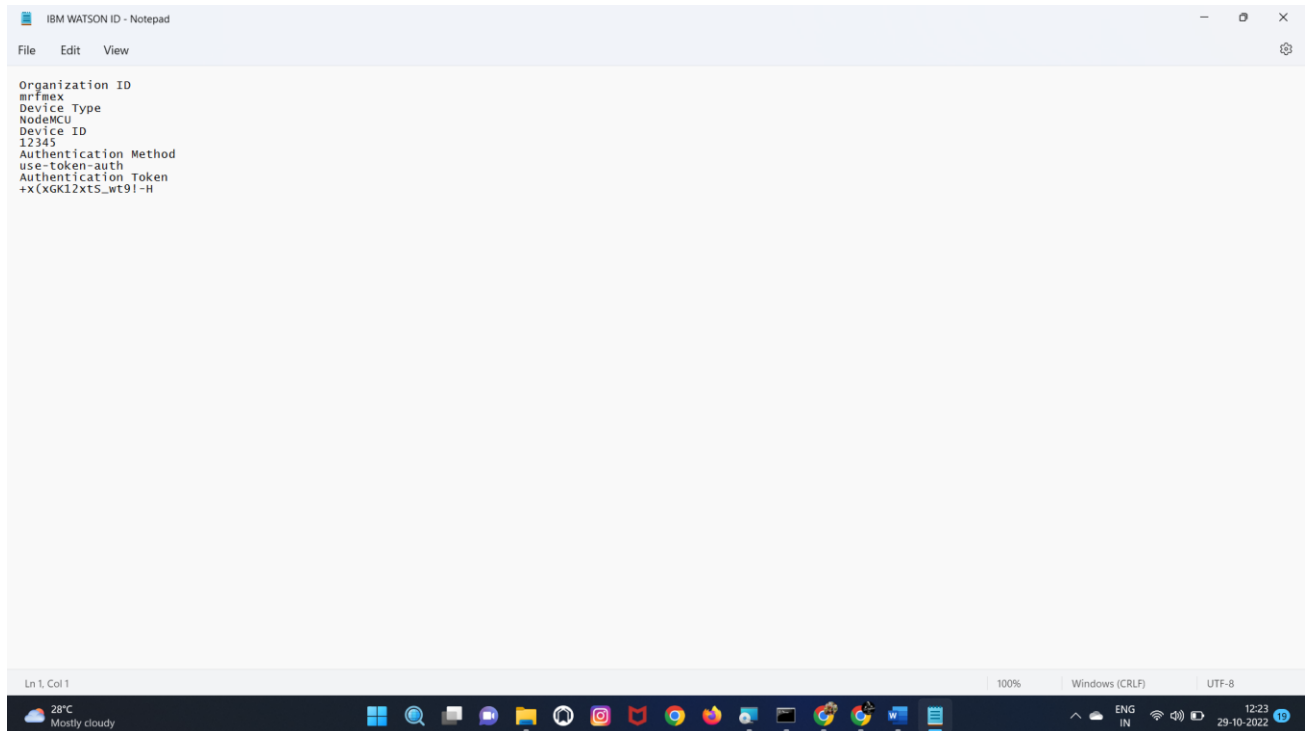
Search by Device ID Device Simulator ☒ 101 Filter

<input type="checkbox"/>	Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
> <input type="checkbox"/>	12345	Disconnected	NodeMCU	Device	Oct 25, 2022 1:15 PM	
> <input type="checkbox"/>	NodeMCU_1	Connected	NodeMCU	Device	Oct 29, 2022 12:02 PM	
> <input type="checkbox"/>	NodeMCU_2	Connected	NodeMCU	Device	Oct 29, 2022 12:02 PM	
> <input type="checkbox"/>	NodeMCU_3	Connected	NodeMCU	Device	Oct 29, 2022 12:02 PM	

Items per page 50 | 1-4 of 4 items

3 Simulations running

## USN 5: After Creating node get device Type and id



The screenshot shows a Notepad window with the title 'IBM WATSON ID - Notepad'. The text inside the window is as follows:

```
Organization ID  
mrfaex  
Device Type  
NodeMCU  
Device ID  
12345  
Authentication Method  
use-token-auth  
Authentication Token  
+x(xGK12xtS_wt9!~H
```

The window has a standard menu bar with 'File', 'Edit', and 'View'. The status bar at the bottom indicates 'Ln 1, Col 1', '100%', 'Windows (CRLF)', and 'UTF-8'. The Windows taskbar is visible at the bottom of the screen, showing the date as 29-10-2022 and the time as 12:33.

## USN 6: Simulate the node created

Node-RED | IoT BASED SAFETY GADGET FOR | Service Details - IBM Cloud | IBM Watson IoT Platform | how to give commands for latitu...

Orfzob.internetofthings.ibmcloud.com/dashboard/devices/browse

IBM Watson IoT Platform

815119106020@smartinternz.com  
ID: Orfzob

Browse Action Device Types Interfaces

Add Device

Search by Device ID

Device Simulator

Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
12345	Disconnected	NodeMCU	Device	Oct 25, 2022 1:15 PM	
NodeMCU_1	Connected	NodeMCU	Device	Oct 29, 2022 11:49 AM	
NodeMCU_2	Connected	NodeMCU	Device	Oct 29, 2022 11:57 AM	
NodeMCU_3	Connected	NodeMCU	Device	Oct 29, 2022 12:02 PM	

Identity Device Information Recent Events State Logs

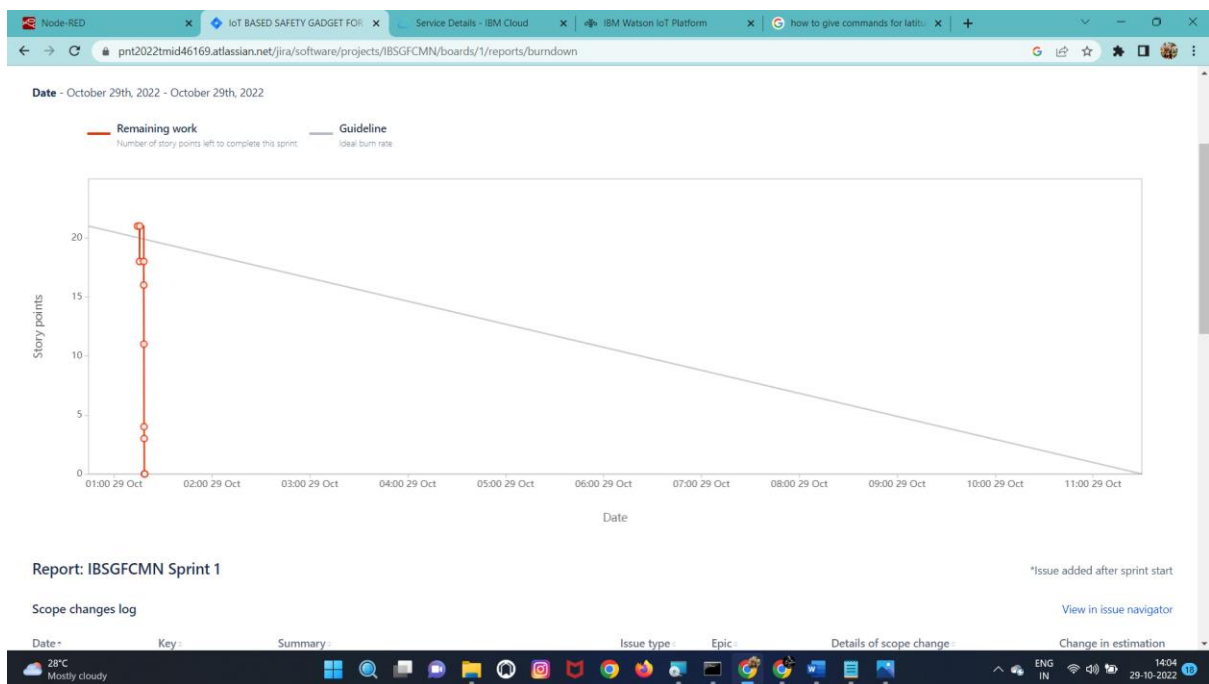
The recent events listed show the live stream of data that is coming and going from this device.

Event	Value	Format	Last Received
event_1	{"latitude":96,"longitude":42}	json	a few seconds ago
event_1	{"latitude":14,"longitude":48}	json	a few seconds ago
event_1	{"latitude":39,"longitude":57}	json	a few seconds ago

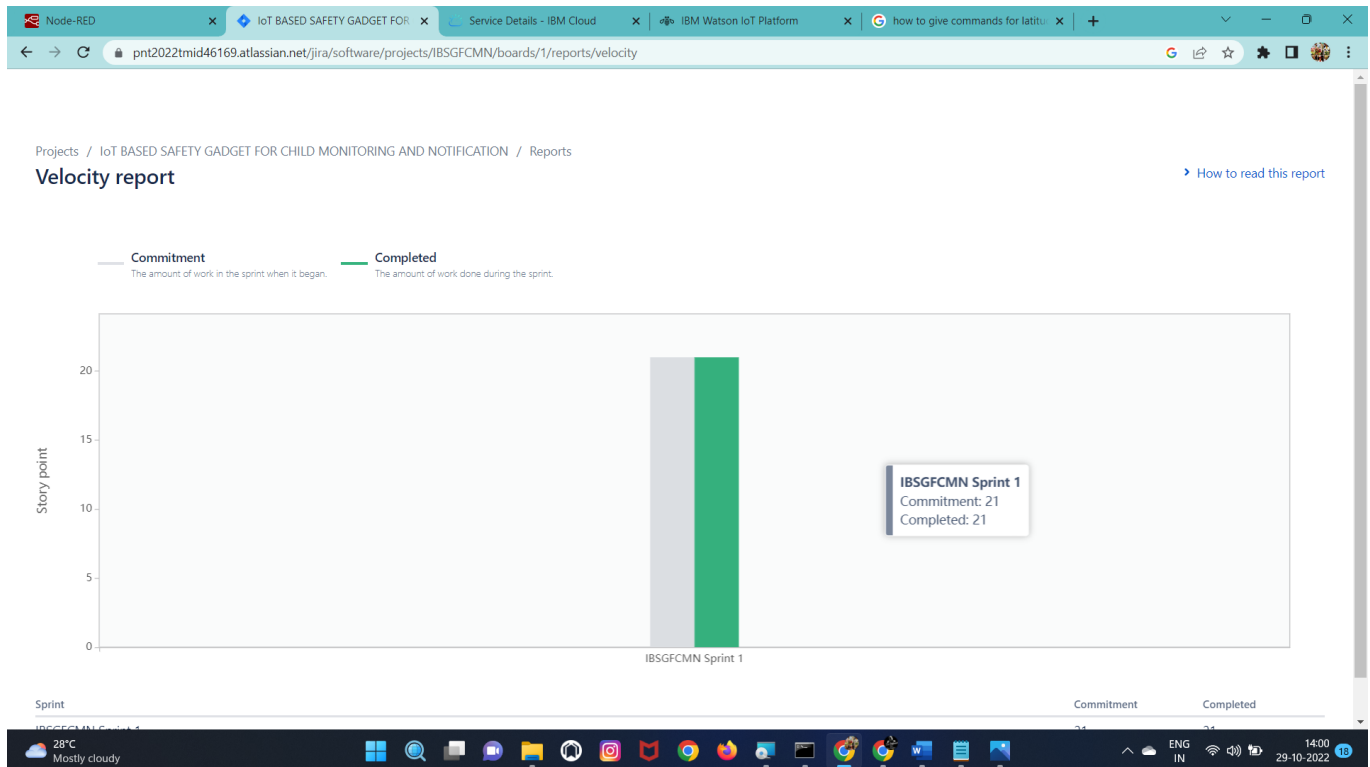
3 Simulations running

28°C Mostly cloudy

## BURNDOWN CHART:



## VELOCITY CHART:



## ROADMAP:

