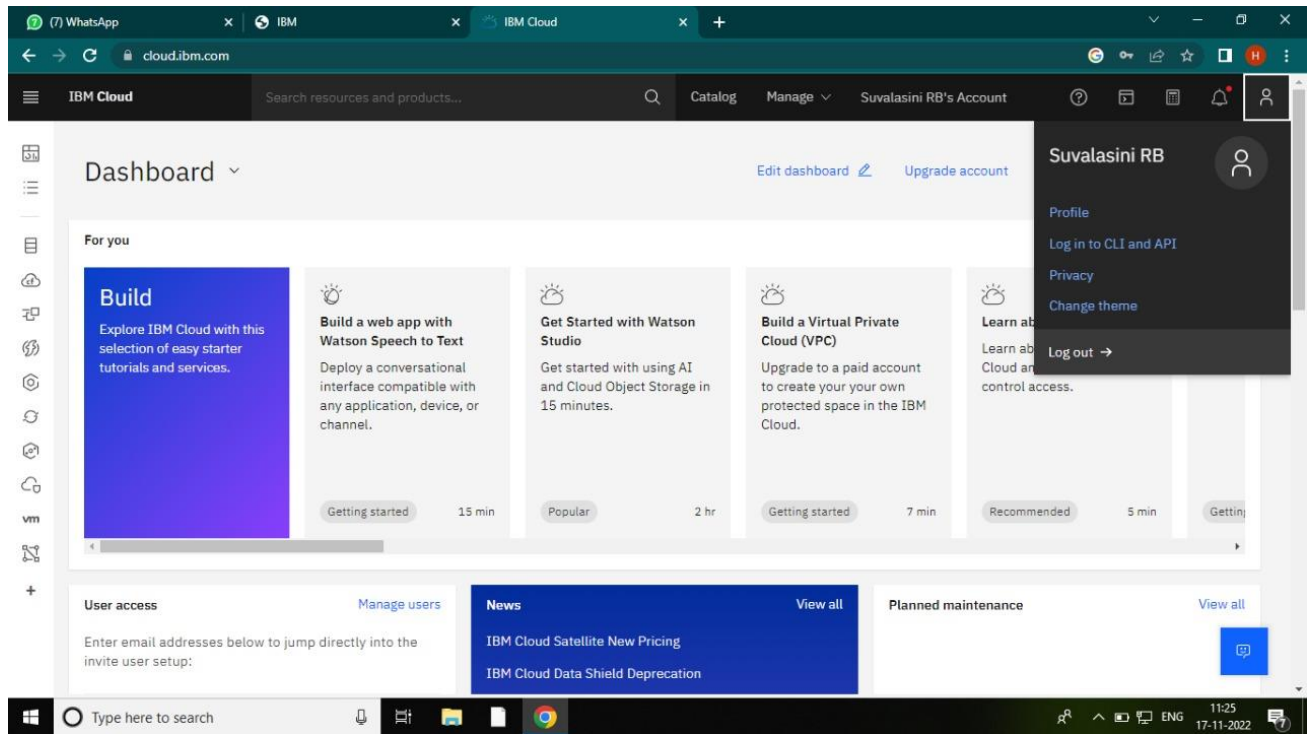


## IBM CLOUD SERVICES

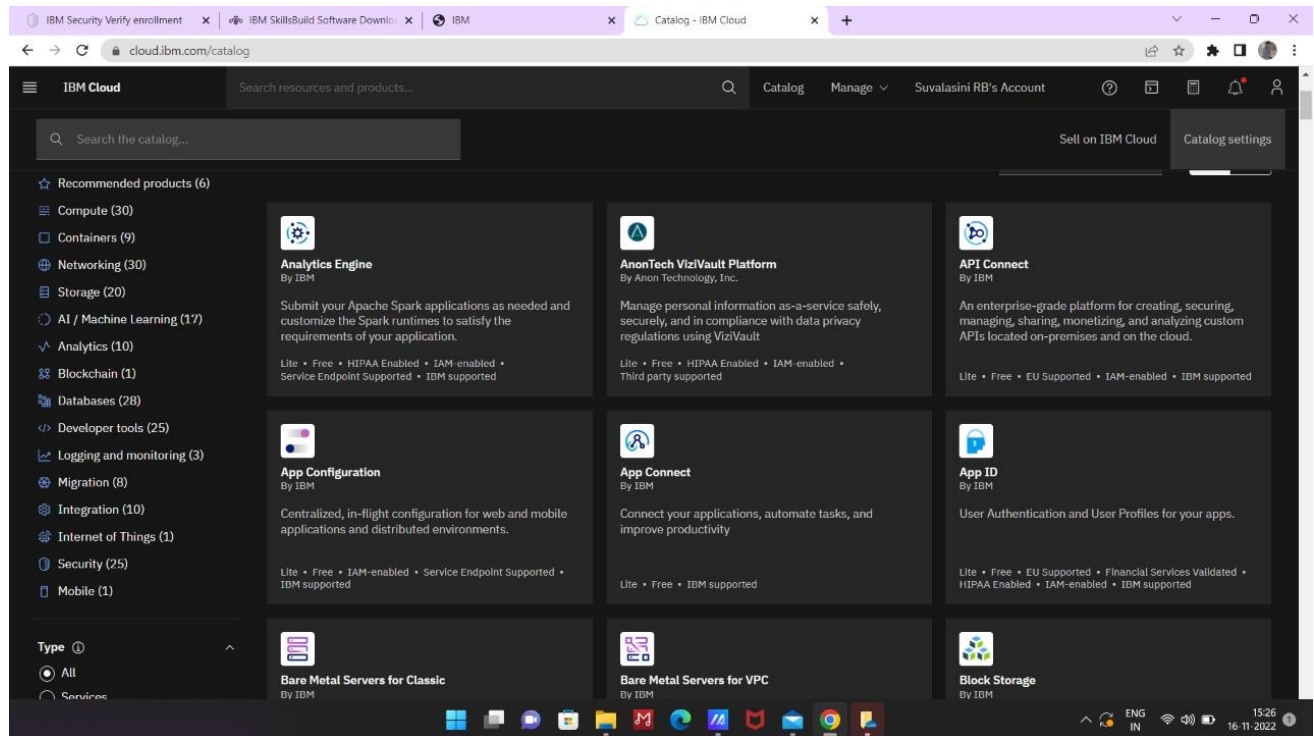
TEAM ID	PNT2022TMID42369
TEAM MEMBERS	Suvalasini.R.B(Team lead) Shanmuga priya.S(Team member 1) Haripriya.R(Team member 2) Elavarasi.R(Team member 3)
PROJECT NAME	IOT Based Safety Gadget For Child Safety Monitoring & Notification

Suvalasini.R.B (Team lead)

### STEP 1: CREATING IBM Cloud



## STEP 2: USING IBM CLOUD SERVICES



## STEP 3 : CONFIGURE THE IBM CLOUD SERVICE AND CREATING IOT PLATFORM

The screenshot shows the IBM Cloud console interface for creating an Internet of Things Platform. The browser address bar shows the URL `cloud.ibm.com/catalog/services/internet-of-things-platform`. The page has a dark theme. On the left, a sidebar contains the IBM Cloud logo and navigation links: Type, Service, Provider (IBM), Last updated (08/15/2022), Category (Internet of Things), Compliance (IAM-enabled), Location (Frankfurt, London, Dallas, Washington DC), and Related links (Docs, Terms). The main content area is titled "Internet of Things Platform" and includes a description: "This service is the hub of all things IBM IoT, it is where you can set up and manage your connected devices so that your apps can access their live and historical data." Below this, there are two tabs: "Create" (active) and "About". The "Create" tab is divided into two sections: "Select a location" and "Select a pricing plan". The "Select a location" section has a dropdown menu showing "Frankfurt (eu-de)". The "Select a pricing plan" section displays a table with columns "Plan", "Features", and "Pricing". The table lists the "Lite" plan, which includes up to 500 registered devices and a maximum of 200 MB of each data metric. The pricing is listed as "Free". To the right of the table, there is a checkbox for "I have read and agree to the following license agreements:" with a link to "Terms". Below this is a "Create" button. A "Summary" panel on the right side of the page shows the details: "Internet of Things Platform", "Location: Frankfurt", "Plan: Lite", "Service name: Internet of Things Platform-jg", and "Resource group: Default". The bottom of the screen shows a Windows taskbar with various application icons and a system tray with the date and time (15:27, 16-11-2022).

IBM Cloud

Search resources and products...

Internet of Things Platform

This service is the hub of all things IBM IoT, it is where you can set up and manage your connected devices so that your apps can access their live and historical data.

Create About

Type Service

Provider IBM

Last updated 08/15/2022

Category Internet of Things

Compliance IAM-enabled

Location Frankfurt London Dallas Washington DC

Related links Docs Terms

Select a location

Frankfurt (eu-de)

Select a pricing plan

Displayed prices do not include tax. Monthly prices shown are for country or location: [United States](#)

Plan	Features	Pricing
Lite	Includes up to 500 registered devices, and a maximum of 200 MB of each data metric Maximum of 500 registered devices Maximum of 500 application bindings Maximum of 200 MB of each of data exchanged, data analyzed and edge data analyzed	Free

The Lite service plan for Internet of Things Platform includes up to 500 registered devices, and a maximum of 200 MB each of data exchanged, data analyzed, and edge data analyzed per month.

☐ I have read and agree to the following license agreements:  
[Terms](#)

Create

Summary

Internet of Things Platform Free

Location: Frankfurt

Plan: Lite

Service name: Internet of Things Platform-jg

Resource group: Default

**STEP-4 : IBM WATSON IOT PLATFORM IS CREATED.**

IBM Watson IoT Platform

710319106008@smartinternz.com  
ID: b5yrt3

Browse Action Device Types Interfaces

Add Device

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
json	Disconnected	ultrasonicsensor	Device	Nov 16, 2022 3:55 PM	

Identity Device Information Recent Events State Logs

Device ID: json

Device Type: ultrasonicsensor

Date Added: Nov 16, 2022 3:55 PM

Added By: 710319106008@smartinternz.com

Connection Status: Disconnected

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

**STEP 5: CONNECT THE DEVICE AND START SIMULATING.**

IBM

Service Details - IBM Cloud

IBM Watson IoT Platform

IBM SkillsBuild Software Downlo...

yx7rt5.internetofthings.ibmcloud.com/dashboard/devices/browse

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, criteria. To get started, you can add devices by using the Add Device button, or by using API.

Search by Device ID

<input type="checkbox"/>	Device ID	Status	Device Type
<input type="checkbox"/>	json	Disconnected	ultrasonicsensor

Items per page 50 | 1-1 of 1 item

Device Type: event\_1

Events 1

New event type +

Event type name event\_1

Send

Schedule

1

Every Minute

Payload

Specify the event payload in the editor window or by uploading a CSV file.

0 {

1 "randomNumber": random(0, 100)

2 }

3

Upload a CSV file

What functions can I apply?

Cancel

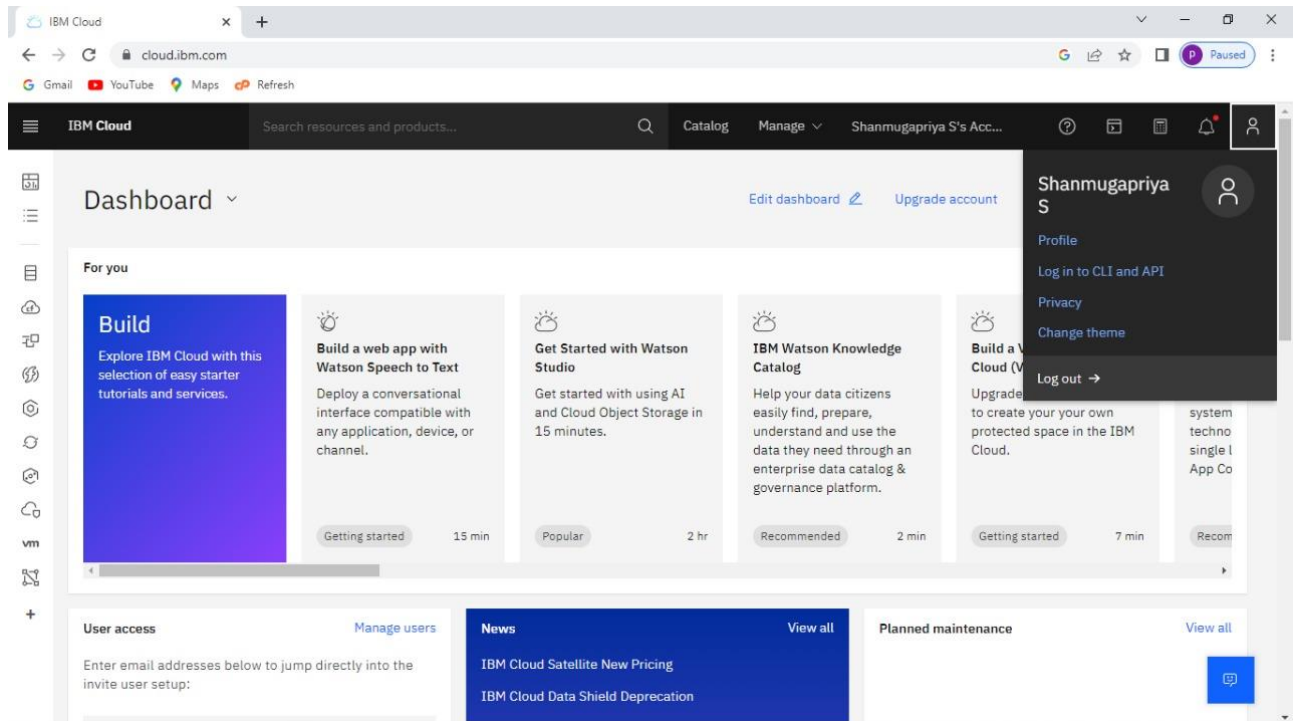
Save

Type here to search

ENG 15:00 16-11-2022

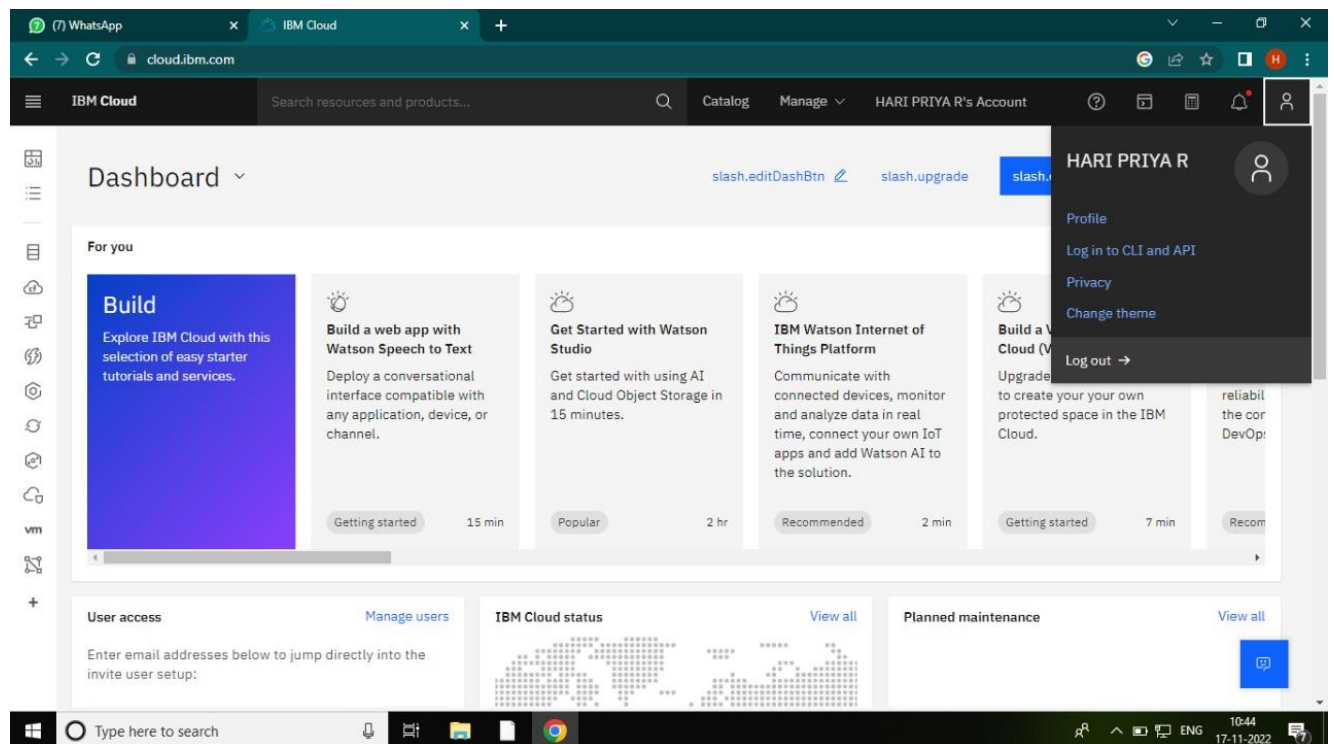
# Shanmuga priya .S(Team member 1)

## CREATING IBM Cloud:



**Hari priya.R( Team member 2)**

**CREATING IBM Cloud:**





## Elavarasi.R(Team member 3)

### CREATING IBM Cloud:

