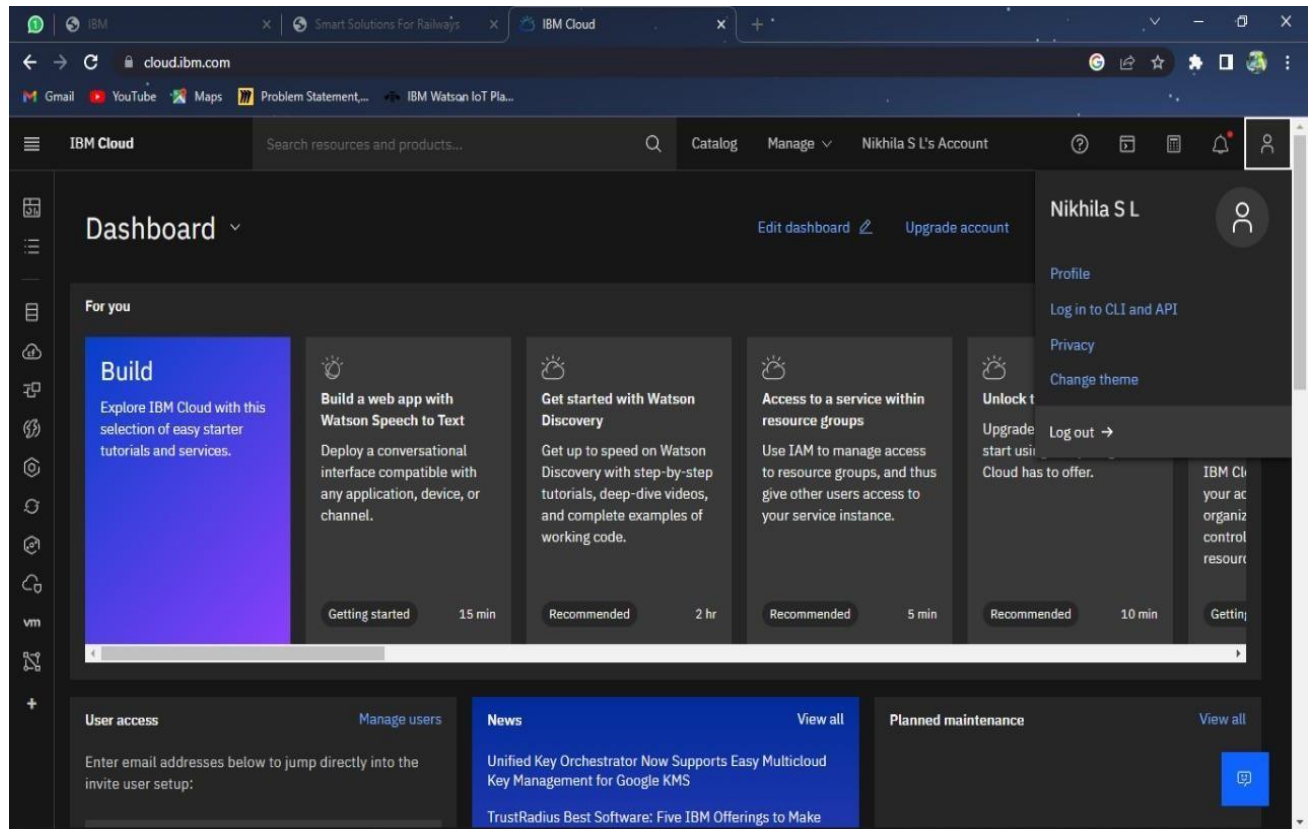


IBM CLOUD SERVICES

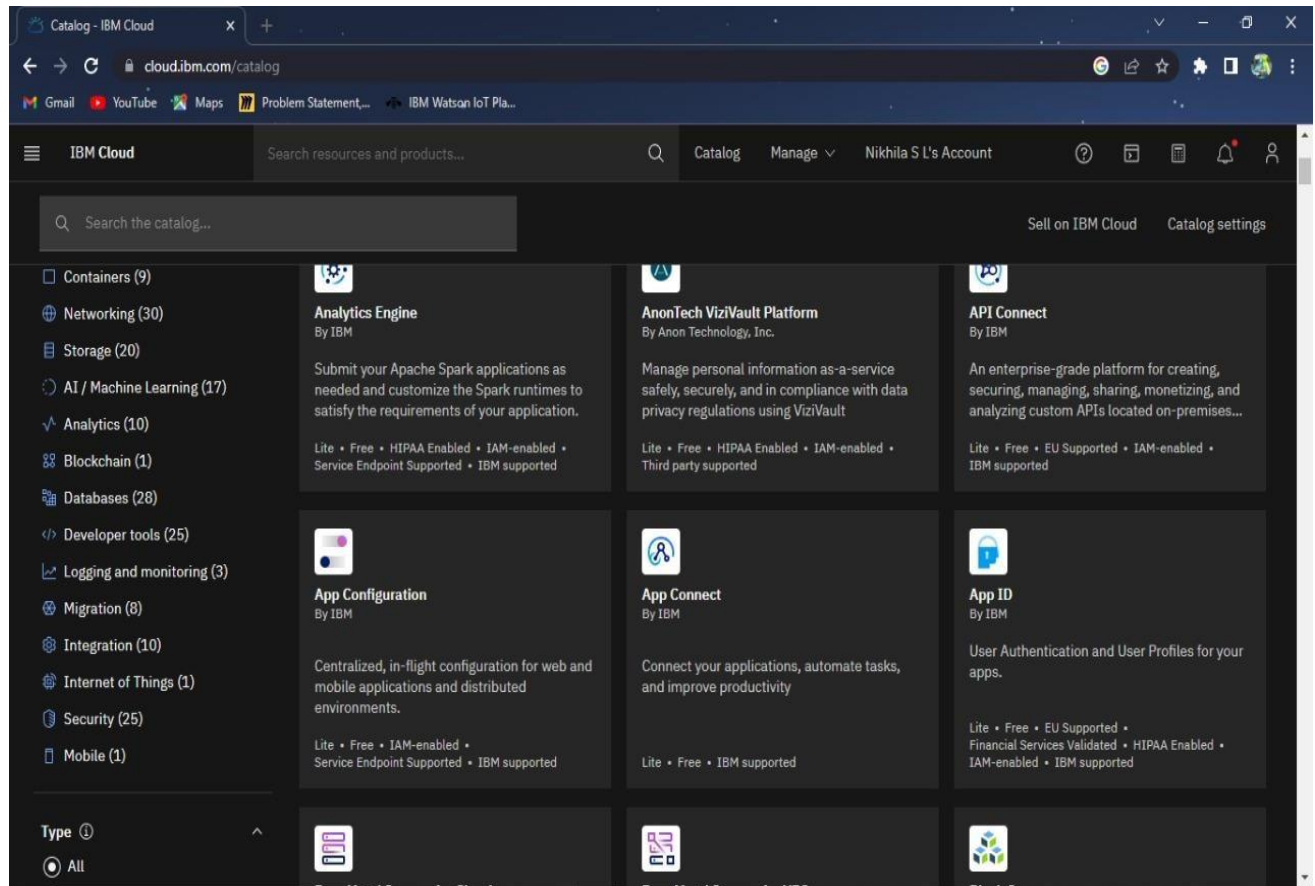
| | |
|--------------|---|
| TEAM ID | PNT2022TMID42348 |
| TEAM MEMBERS | Nikhila. S.L(Team lead) Preethiha.D(Team member 1) Kishok kumar. S(Team member 2) Raguram.S(Team member 3) |
| PROJECT NAME | Smart Solution For Railways |

Nikhila. S. L (Team lead)

STEP 1: CREATING IBM Cloud



STEP 2: USING IBM CLOUD SERVICES



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

Internet of Things Platform - IBM x

cloud.ibm.com/catalog/services/internet-of-things-platform

IBM Cloud Search resources and products... Catalog Manage Nikhila S L's Account

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

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 |

Summary

Internet of Things Platform Free

Location: Frankfurt

Plan: Lite

Service name: Internet of Things Platform

Resource group: Default

Existing Lite plan instance

You can have only 1 Lite plan instance of this service per resource group. [Delete](#) your current Lite plan instance in Default resource group to create a new one, or [view the existing instance](#)

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

Create

STEP-4 : IBM WATSON IOT PLATFORM IS CREATED.

Service Details - IBM Cloud IBM Watson IoT Platform

i9rzwinternetofthings.ibmcloud.com/dashboard/devices/browse

IBM Watson IoT Platform

nikhilasiva5@gmail.com ID: i9rzw

Browse Action Device Types Interfaces Add Device

Search by Device ID Device Simulator

| Device ID | Status | Device Type | Class ID | Date Added |
|-----------|--------------|-------------|----------|---------------------|
| json | Disconnected | Test_1 | Device | 14 Nov 2022 9:07 PM |

Identity Device Information Recent Events State Logs

Device ID json

Device Type Test_1

Date Added 14 Nov 2022 9:07 PM

Added By nikhilasiva5@gmail.com

Connection Status Disconnected

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

STEP 5: CONNECT THE DEVICE AND START SIMULATING.

The screenshot displays the IBM Watson IoT Platform interface. The main dashboard shows a table of devices with columns for Device ID, Status, and Device Type. A device named 'Test_1' is listed with status 'Disconnected' and type 'demo_123'. A modal window is open for configuring 'demo_123'. It includes a 'Send' button, a 'Schedule' dropdown set to 'Every Minute', and a 'Payload' editor. The payload is a JSON object with a 'randomNumber' and a 'sampleObject' containing 'xcord' and 'ycord' values.

| Device ID | Status | Device Type |
|-----------|--------------|-------------|
| Test_1 | Disconnected | demo_123 |

Event Type: demo_123

Events: 2

Event type name: event_2

Schedule: 1 Every Minute

Payload:

```
{
  "randomNumber": random(0, 100),
  "sampleObject": {
    "xcord": 32.514,
    "ycord": 151.521
  }
}
```

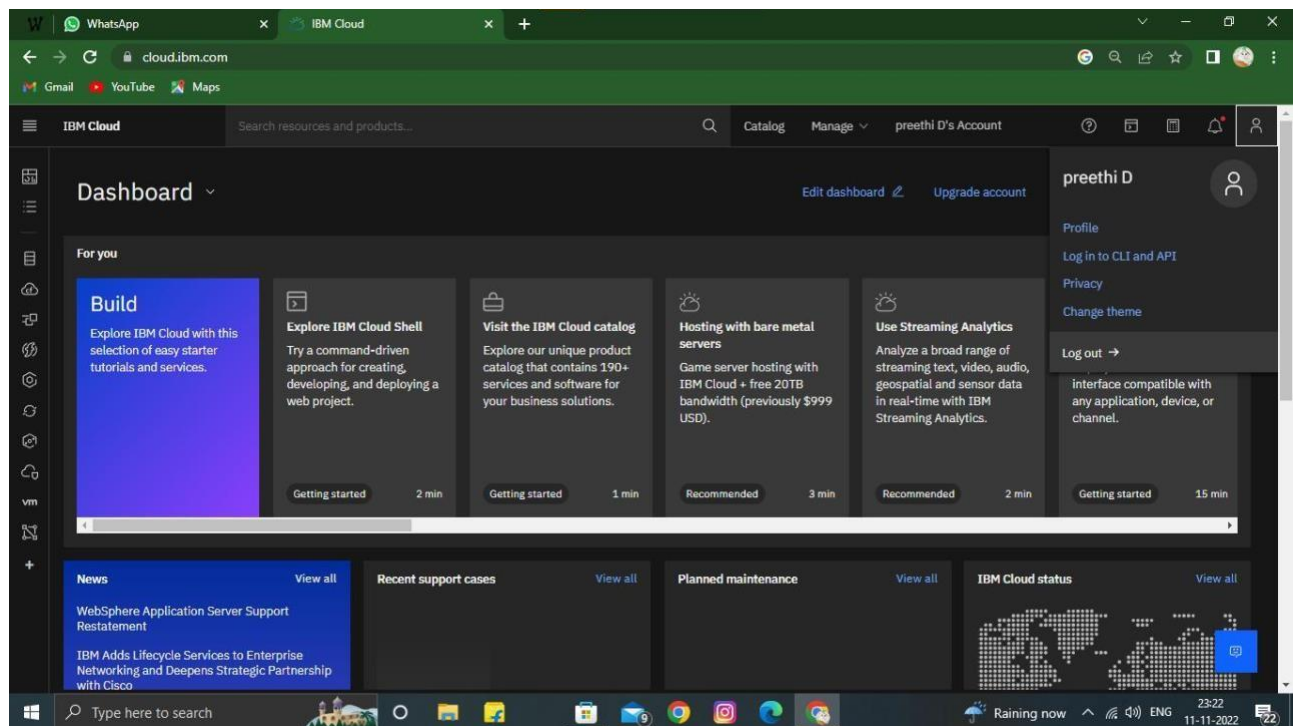
SIMULATION:

THE SIMULATION SHOWS THE AVAILABLE SEATS,
LONGITUDE AND LATITUDE.

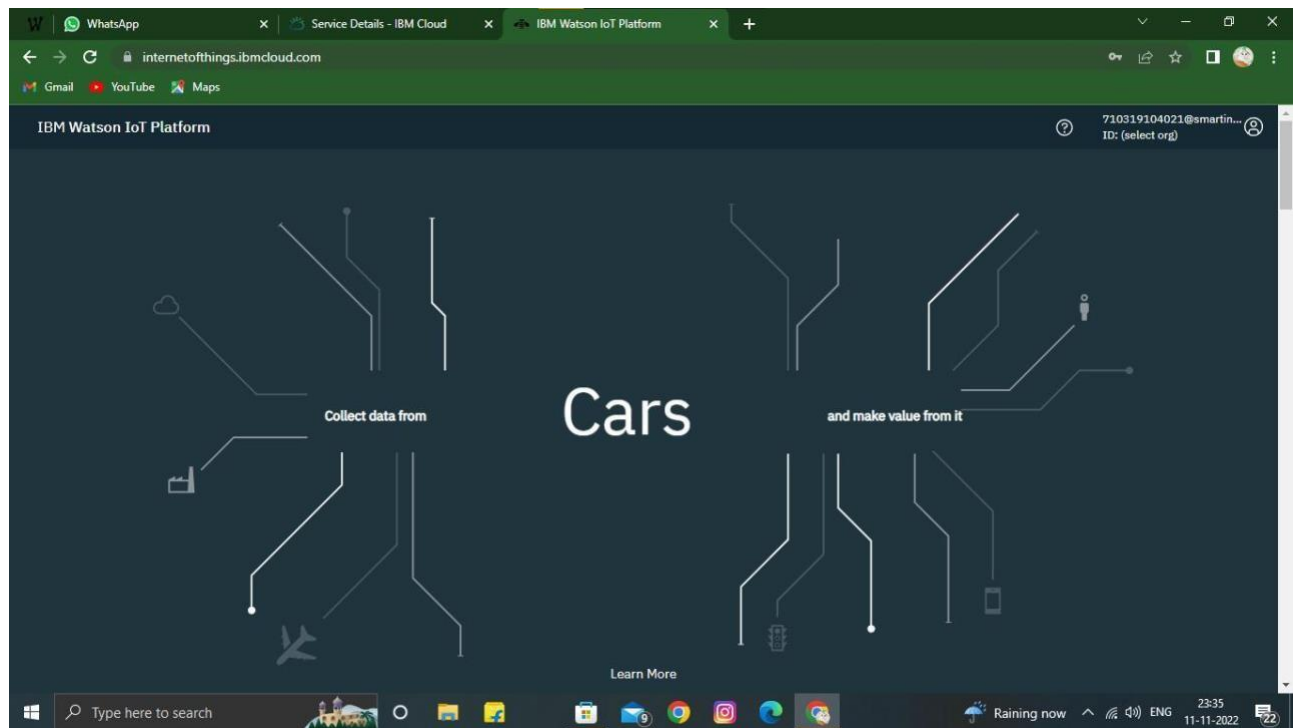


Preethiha. D (Team member 1)

CREATING IBM Cloud:

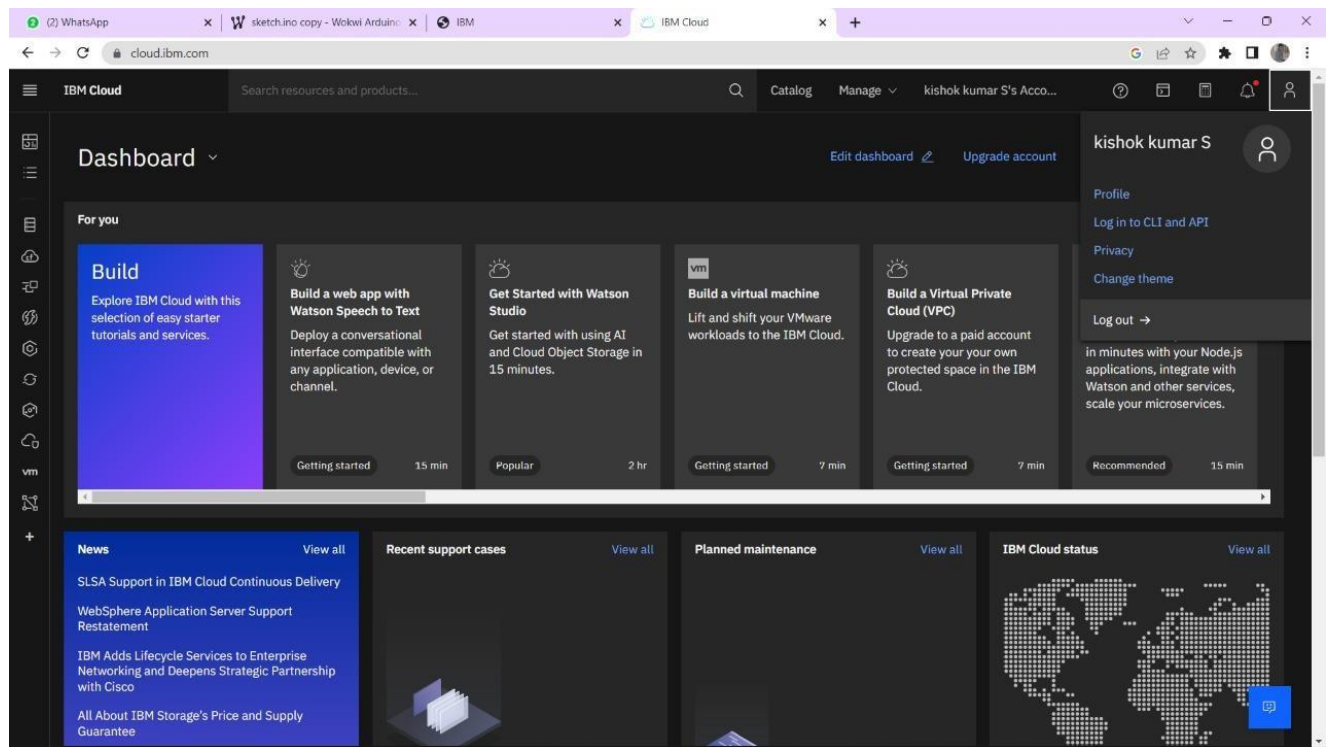


IBM WATSON IOT PLATFORM IS CREATED:

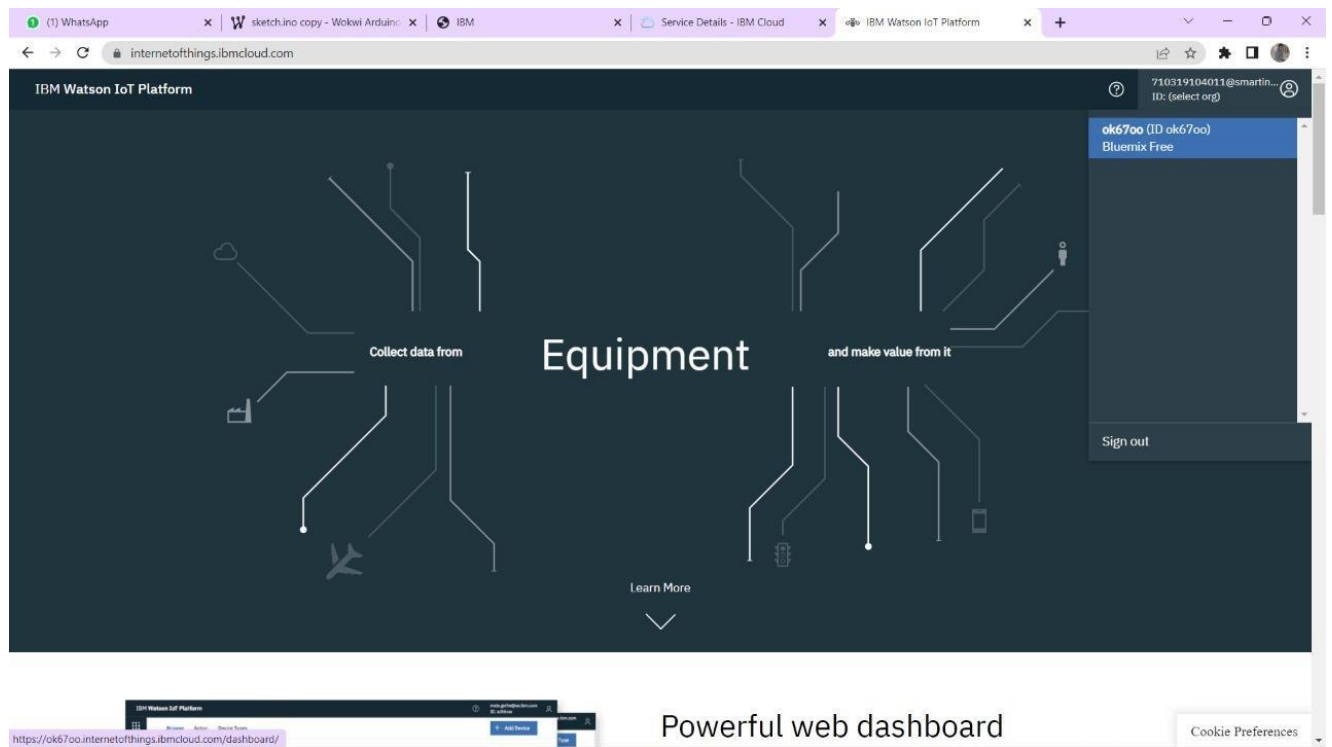


Kishok kumar. S(Team member 2)

CREATING IBM Cloud:

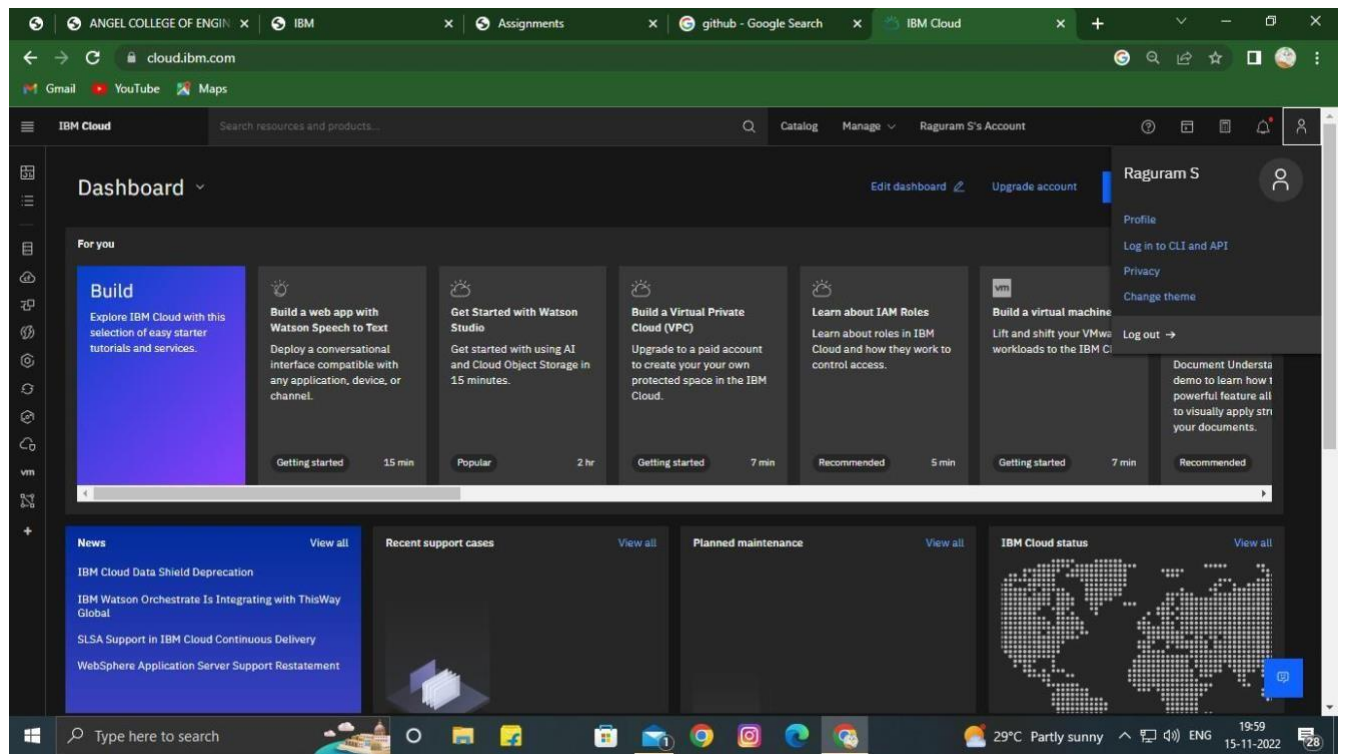


IBM WATSON IOT PLATFORM IS CREATED:



Raguram. S(Team member 3)

CREATING IBM Cloud:



IBM WATSON IOT PLATFORM IS CREATED:

ANGEL COLLEGE OF xIBM xAssignments xgithub - Google Se xService Details - IBM xIBM Watson IoT Plat x

internetofthings.ibmcloud.com


Gmail YouTube Maps

IBM Watson IoT Platform

?

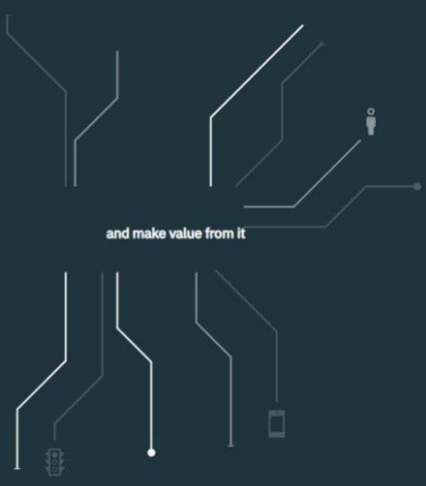
Sign in

Collect data from




Things

and make value from it



Learn More

Type here to search



29°C Partly sunny

20:04

15-11-2022