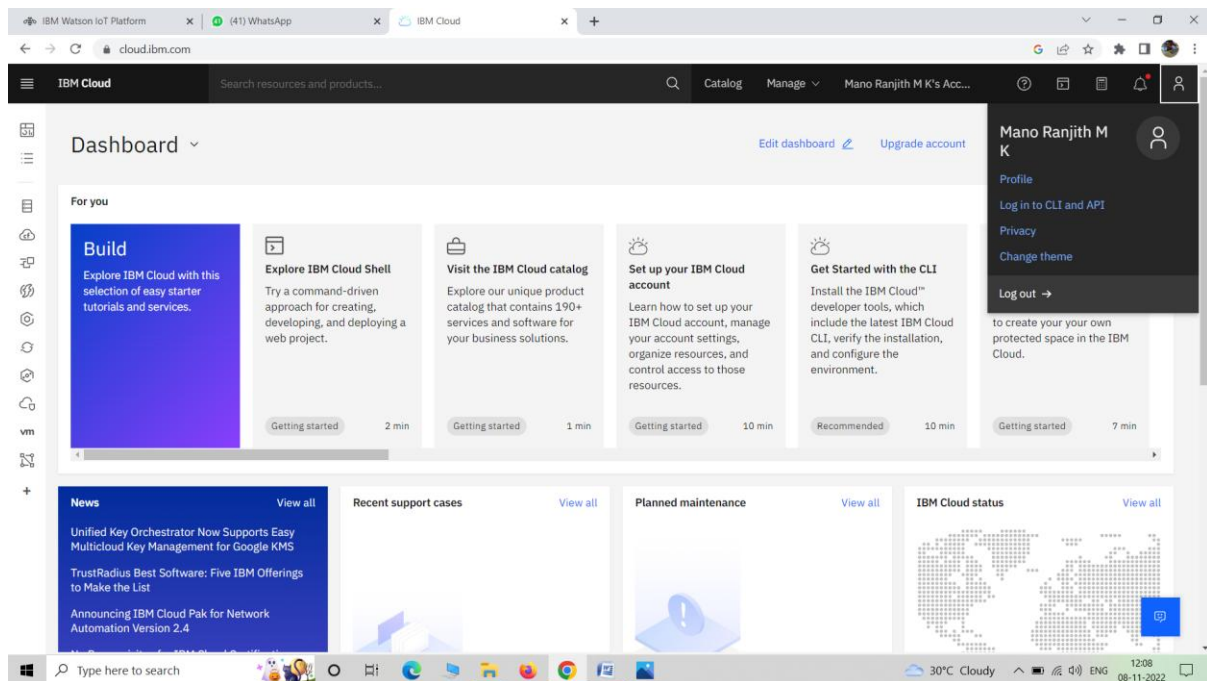


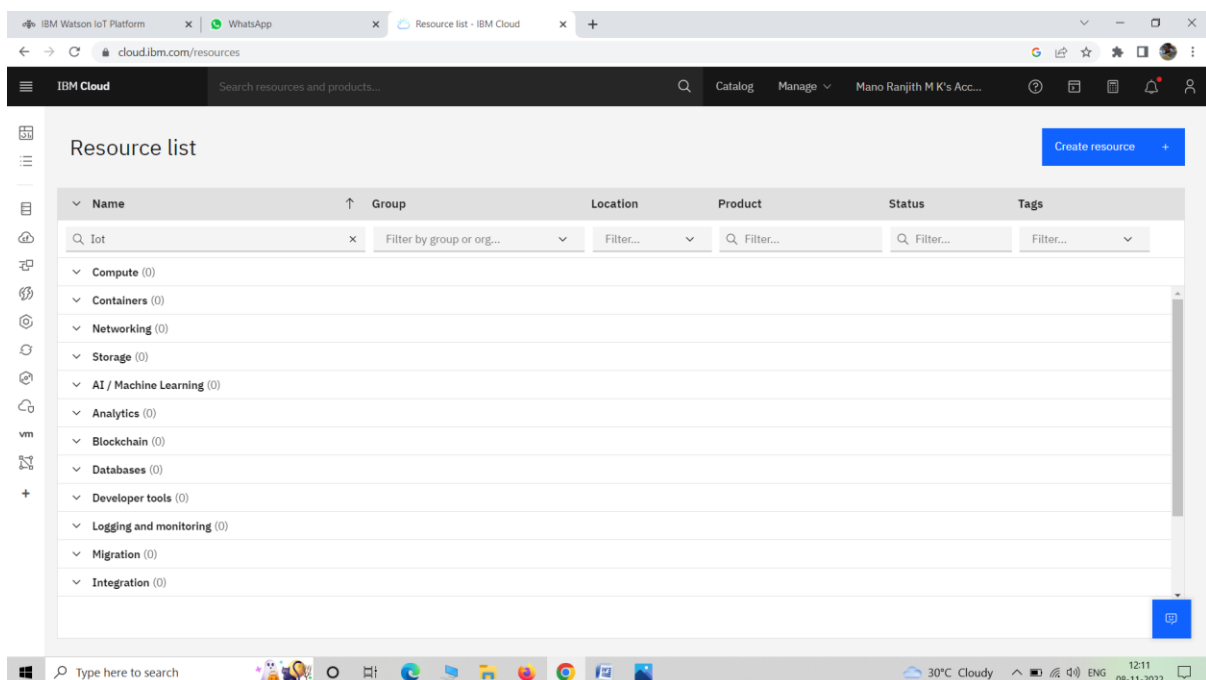
Sprint -1

TEAM ID	PNT2022TMID41856
PROJECT TITLE	SIGNS WITH SMART CONNECTIVITY FOR BETTER ROAD SAFETY
MARKS	20 marks

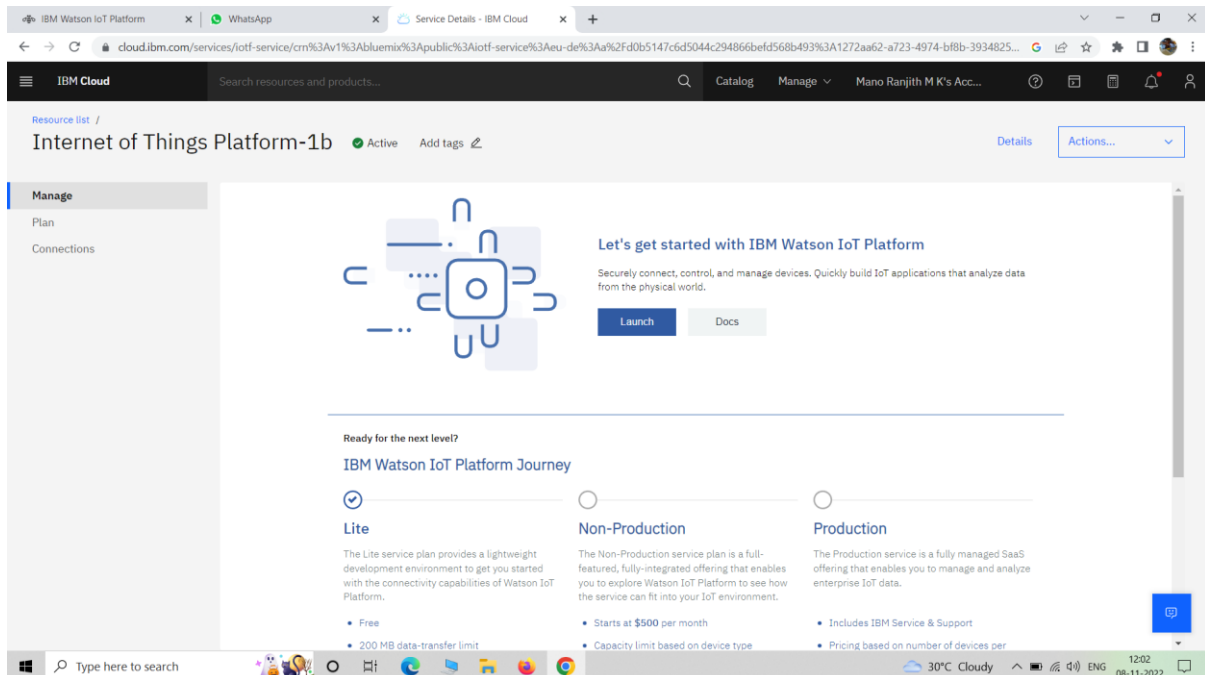
US -1 : Create the IBM cloud service which are being used in this project.



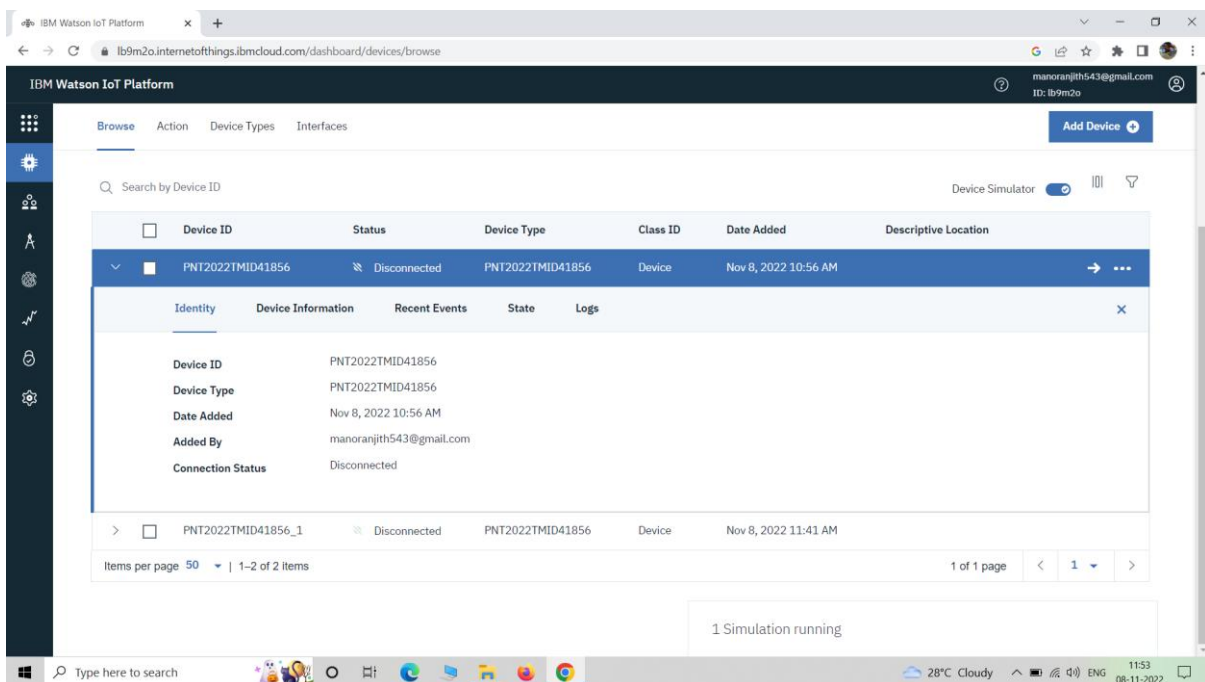
US -1 : Configure the IBM cloud service which are being used in completing this project.



US -3 : IBM Watson IoT platform act as the meditor to connect the web application to IoT devices, so create the IBM Watson IoT platform.



US – 4 : In order to connect the IoT device to the IBM cloud, create a device in IBM Watson IoT platform and get device credentials.



IBM Watson IoT Platform

lb9m2o.internetofthings.ibmcloud.com/dashboard/devices/browse

manoranjith543@gmail.com
ID: lb9m2o

Browse Action Device Types Interfaces

Add Device

Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
PNT2022TMID41856	Disconnected	PNT2022TMID41856	Device	Nov 8, 2022 10:56 AM	

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":8,"Humidity":43,"Rain":48}	json	a few seconds ago
event_1	{"Temperature":25,"Humidity":29,"Rain":30}	json	a few seconds ago
event_1	{"Temperature":37,"Humidity":21,"Rain":65}	json	a few seconds ago
event_1	{"Temperature":67,"Humidity":82,"Rain":4}	json	a few seconds ago
event_1	{"Temperature":31,"Humidity":92,"Rain":13}	json	a few seconds ago

1 Simulation running

IBM Watson IoT Platform

lb9m2o.internetofthings.ibmcloud.com/dashboard/devices/browse

manoranjith543@gmail.com
ID: lb9m2o

Browse Action Device Types Interfaces

Add Device

Device ID	Status	Device Type	Class ID
PNT2022TMID41856	Disconnected	PNT2022TMID41856	Device

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":16,"Humidity":54,"Rain":88}	json	a few seconds ago
event_1	{"Temperature":94,"Humidity":96,"Rain":39}	json	a few seconds ago
event_1	{"Temperature":93,"Humidity":91,"Rain":35}	json	a few seconds ago
event_1	{"Temperature":48,"Humidity":65,"Rain":71}	json	a few seconds ago
event_1	{"Temperature":63,"Humidity":0,"Rain":3}	json	a few seconds ago

Device Type: PNT2022TMID41856

Events 1

Event type name: event_1

Schedule: 20 Every Minute

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

```
0 {  
1   "Temperature": random(0, 100),  
2   "Humidity": random(0, 100),  
3   "Rain": random(0, 100),  
4 }  
5
```

Upload a CSV file

Cancel Save

The screenshot displays the IBM Watson IoT Platform interface. At the top, the browser address bar shows the URL `ib9m2o.internetofthings.ibmcloud.com/dashboard/devices/browse`. The page header includes the IBM Watson IoT Platform logo and a user profile for `manoranj@h543@gmail.com` with ID `ib9m2o`. A navigation bar contains links for `Browse`, `Action`, `Device Types`, and `Interfaces`, along with an `Add Device` button.

The main content area shows a list of devices. The selected device is `PNT2022TMID41856`, which is `Disconnected`. Below the device list, a modal window titled `Recent Events` is open, displaying a table of live stream data:

Event	Value	Format	Last Received
event_1	["Temperature":8,"Humidity":43,"Rain":48]	json	a few seconds ago
event_1	["Temperature":25,"Humidity":29,"Rain":30]	json	a few seconds ago
event_1	["Temperature":37,"Humidity":21,"Rain":65]	json	a few seconds ago
event_1	["Temperature":67,"Humidity":82,"Rain":4]	json	a few seconds ago
event_1	["Temperature":31,"Humidity":92,"Rain":13]	json	a few seconds ago

At the bottom right, a status box indicates `1 Simulation running`.