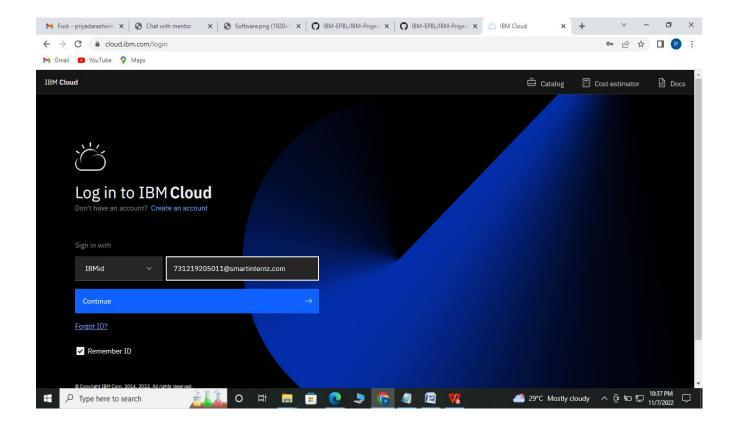
CREATE IBM WATSON IOT PLATFORM AND DEVICE

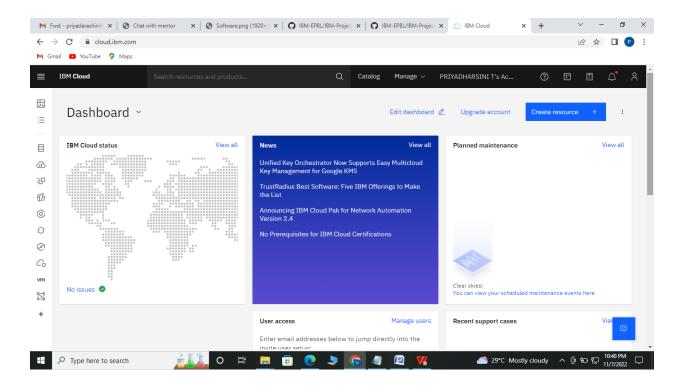
Team ID	PNT2022TMID44448
Project Name	Project - Signs with Smart Connectivity for
	better Road Safety.
Team Leader	Priyadharsini . T
Team Member 1	Nithya.k
Team Member 2	Nandhini.R
Team Member 3	Vaidevi.M
Team Member 4	Prabhu .M
Mentor	D. Nivethini

STEPS:

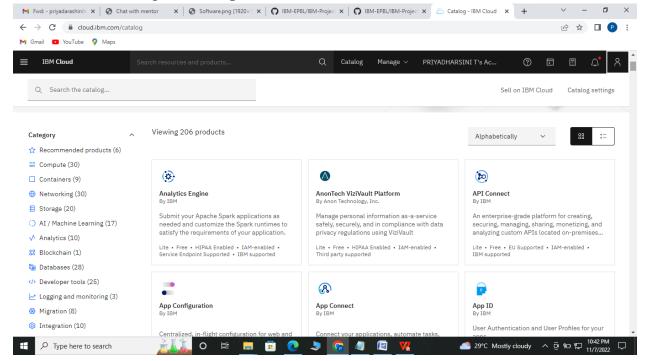
1. Firstly create an IBM cloud account with IBM id and password



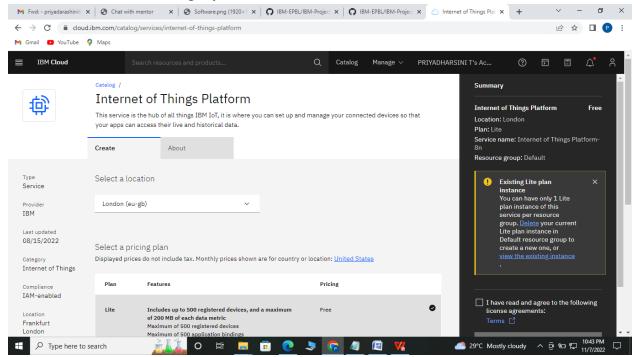
2. Home page of IBM cloud



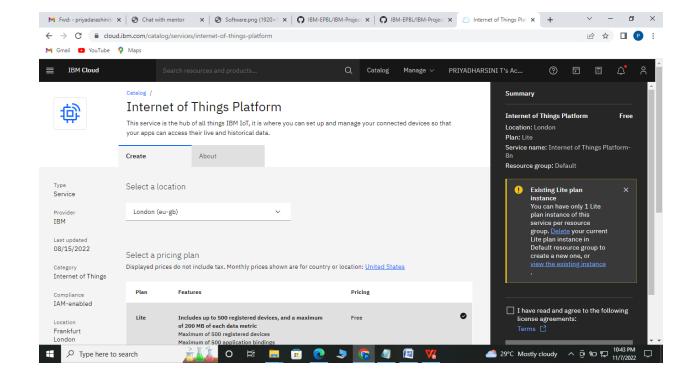
3. Click on the catalog on the top



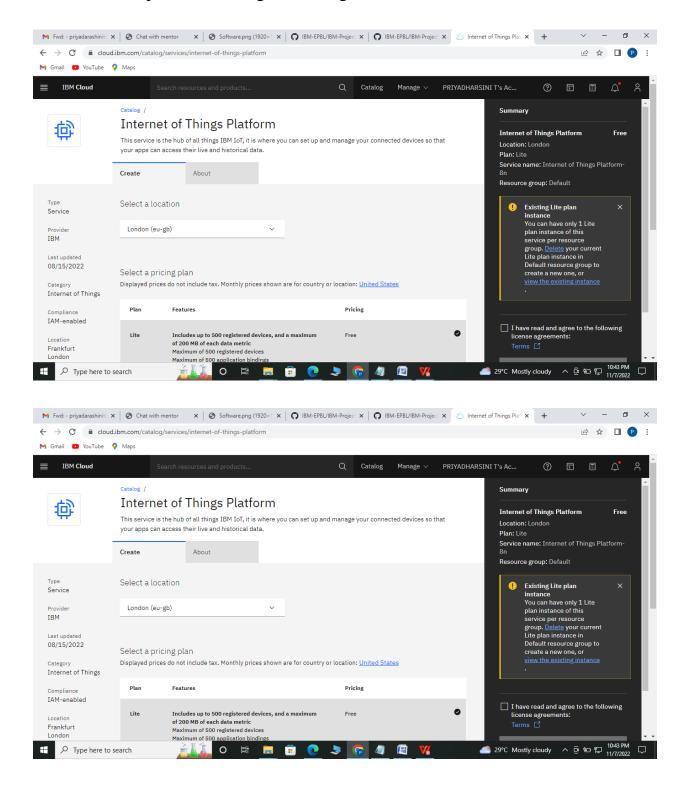
Click on IoT in the category mentioned



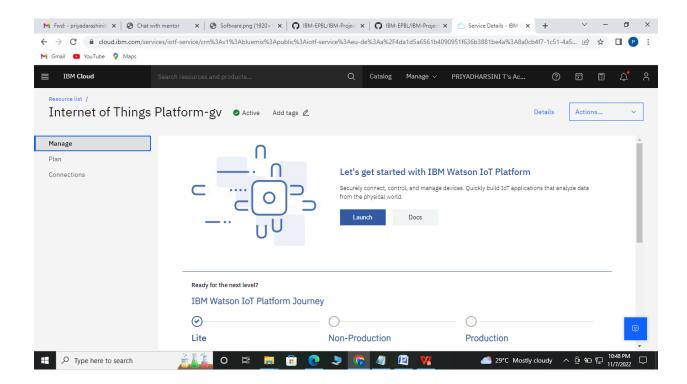
4. If already a lite is present delete it else u can't create another

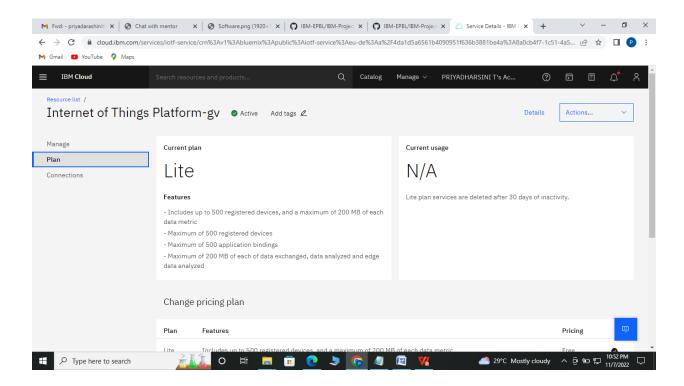


5. Enter the location and in the configure your resource type the service name and choose the plan, tick the agree with agreements and then click on create

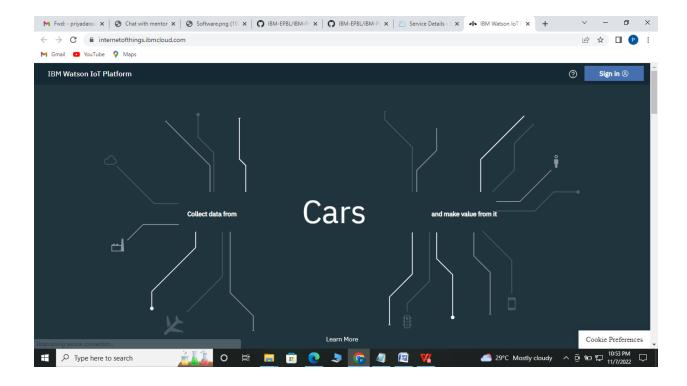


6. Internet of Things Platform Road safety will be created, where there are different options like manage, plan, and connection (manage is for launch, Plan gives us the idea about the payment package and its upgrades, and lastly the connection is for to connect IoT with other servies)

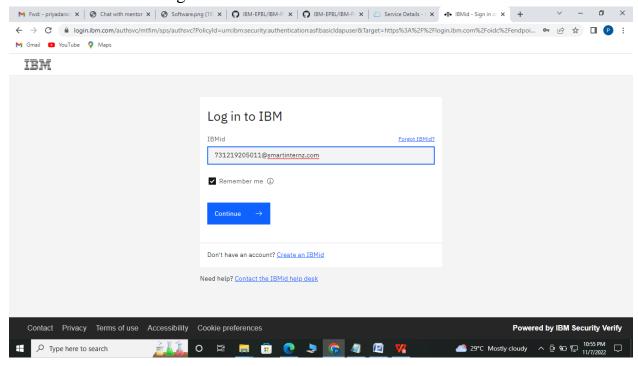




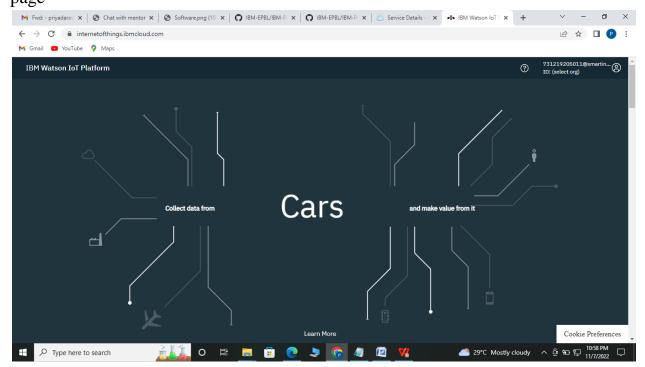
7 . Clicking on the launch button in the manage tab, it will open to this



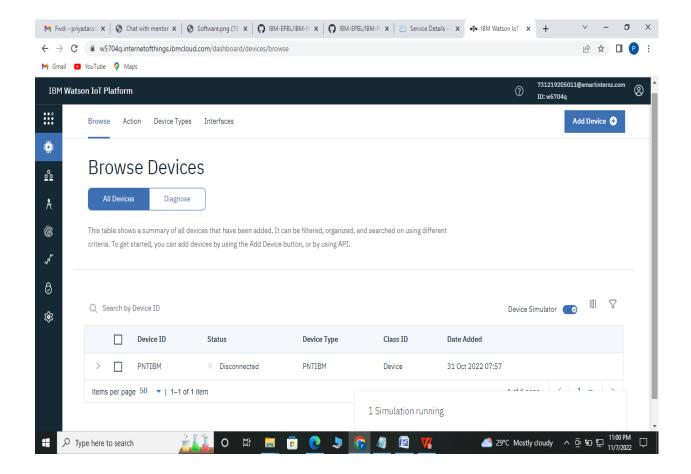
8. Enter the details to sign in to the Watson Cloud to create a device



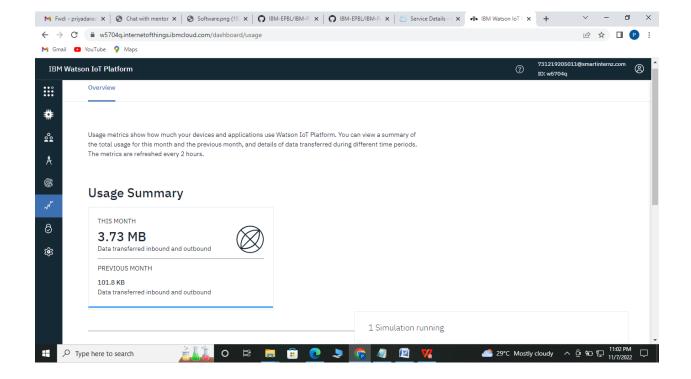
9. Once logged in the name will be displayed and it goes back to the first page



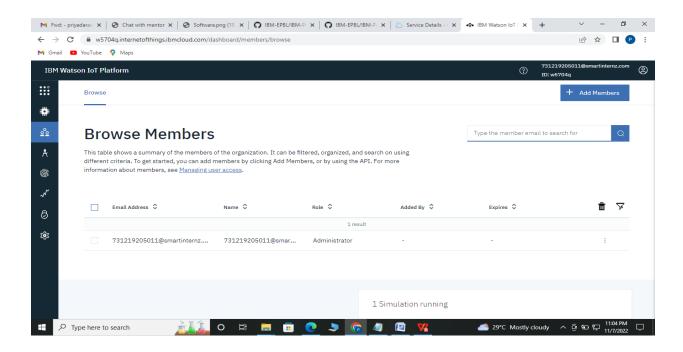
10. And again clicking on the launch button will open this tab, the device will help in the creation of the devices, the addition of devices, and the display of details of the devices



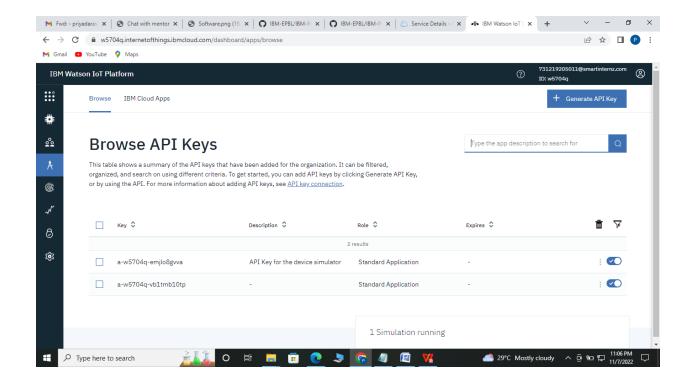
11.Usage gives the summary of how many bytes are used between the devices and the IBM cloud.



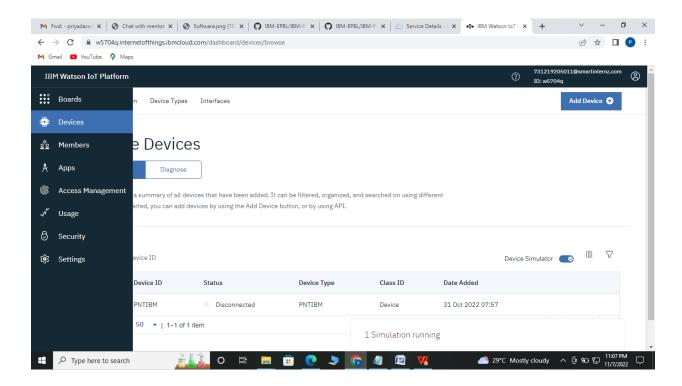
12. The member tab is add the teams members to work in the platform



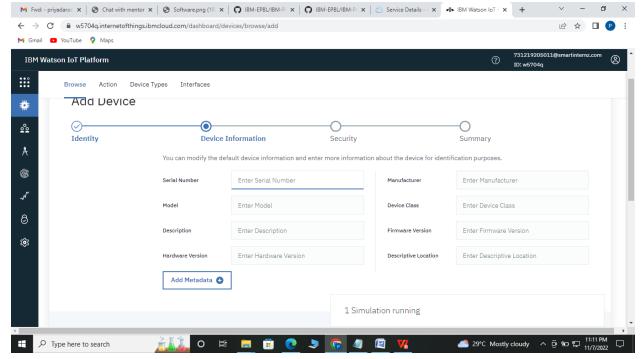
13. This tab is used when you want to connect to some other platform and to integrate with other services.



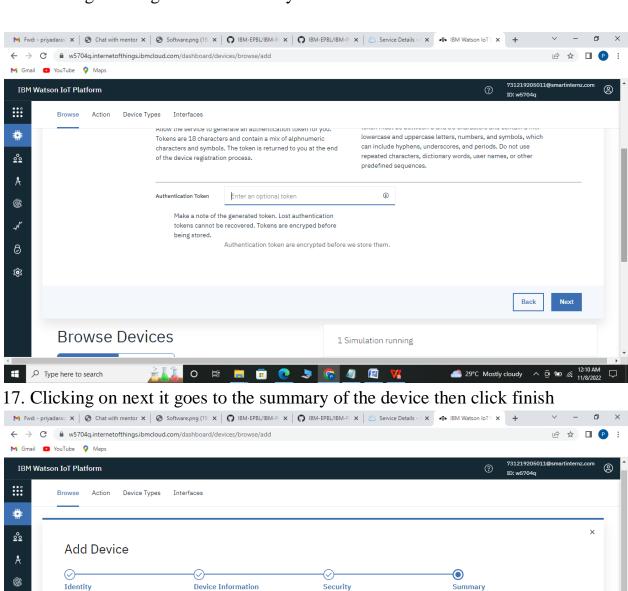
14.Click on the device tab and click on the add device button, then give the device type and device id and click next



15. This page to enter extra details and of the hardware



16. Clicking next it goes to the security where we do authentication token id.



1 Simulation running

Verify that the following information is correct then select Finish

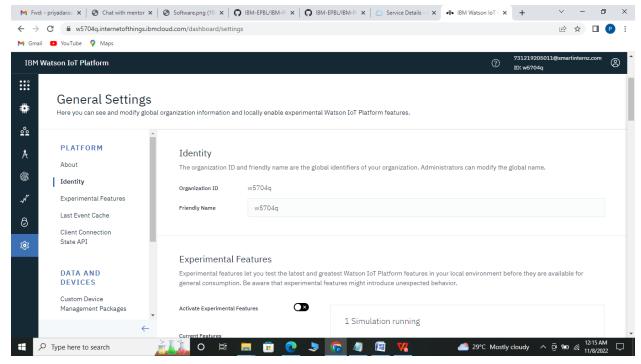
Device ID

Security Token
To be generated

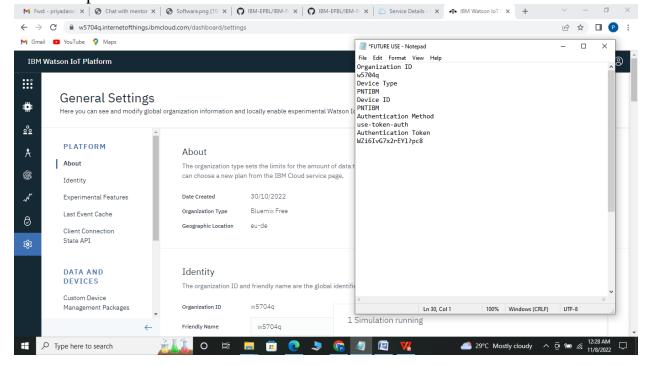
₿

Type here to search

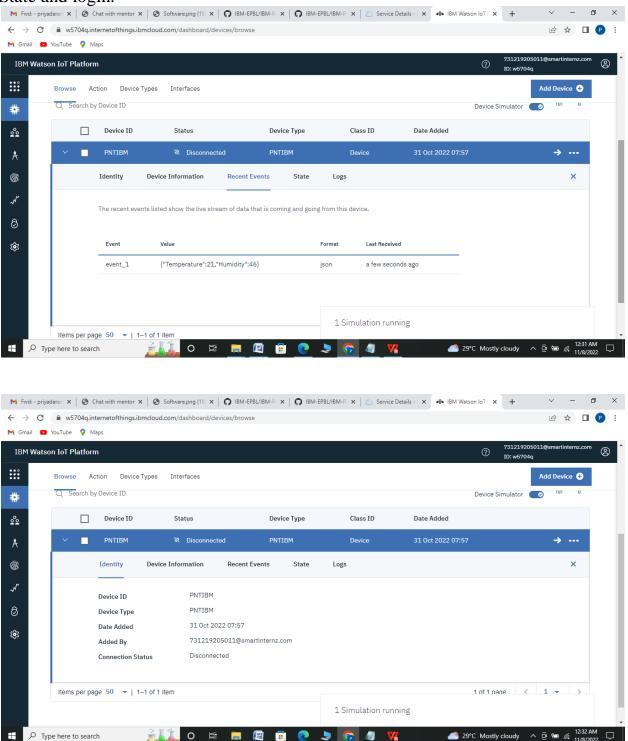
18. The device credentials will be displayed with all the details



19. Safe the details of the device as the authentication tokens are nonrecoverable and if misplaced then we have to create a new one.

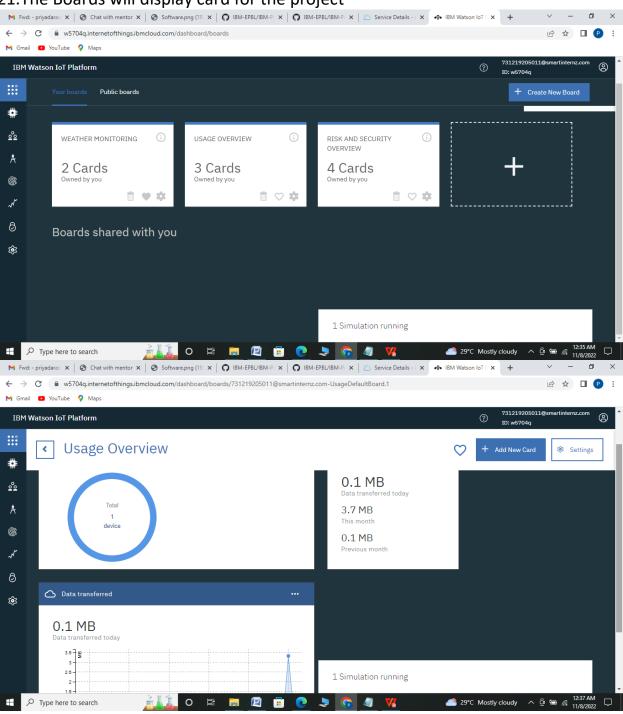


20. Clicking on the device tab we can now see the added device. Clicking on it will display the other details. It has different tabs like Identity, Device Information, State and login.



In a similar way, we can create n number of devices with a 50 per page limit as per the requirement of our project





RESULT:

An IBM Watson cloud for IoT and a device is created