Project Development Phase
Sprint1-Test Cases

Date	6 November 2022
Team ID	PNT2022TMID45200
Project Name	VirtualEye - Life Guard for Swimming Pools to Detect Active Drowning
Maximum Marks	4 Marks

Register & Login To IBM Cloud

1. Go to the Site - IBM page and click Register now
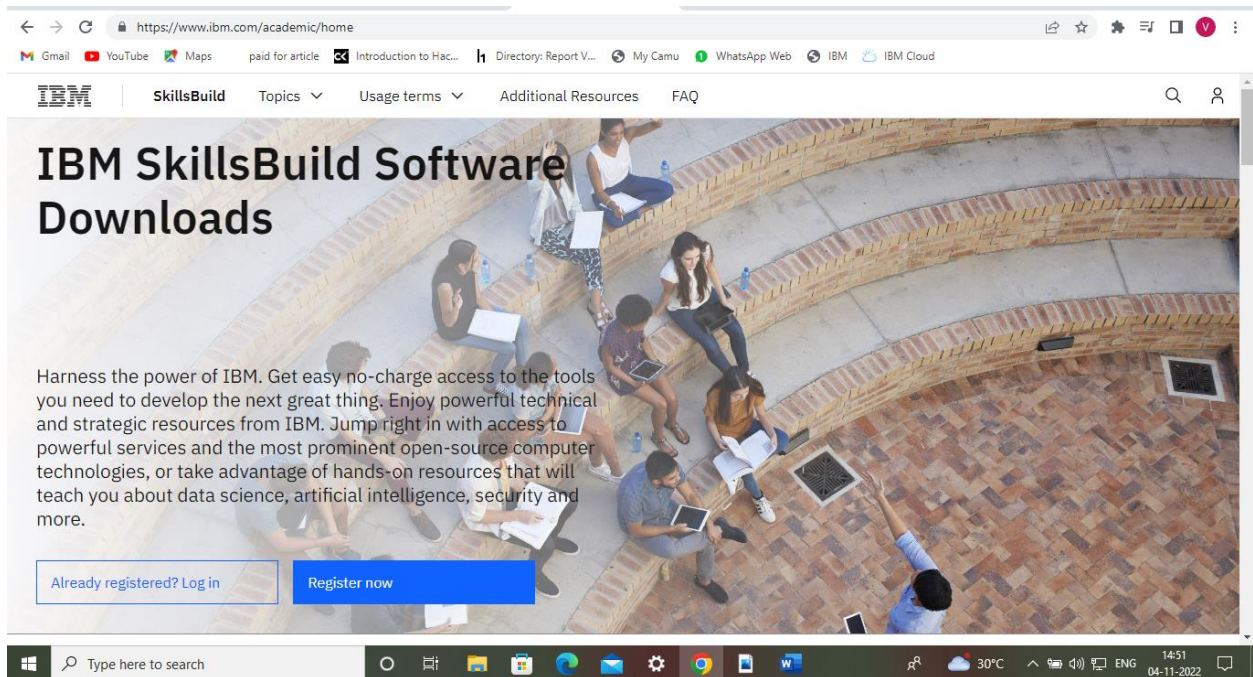
2.Enter your academic institution issued email to begin and click submit

3.Redirect into another registration page ,complete remaining fields with your information and accept the terms and condition, then click on register.

4.Thank you for registering pop up window is shown then after 15 seconds automatically redirect into next page.
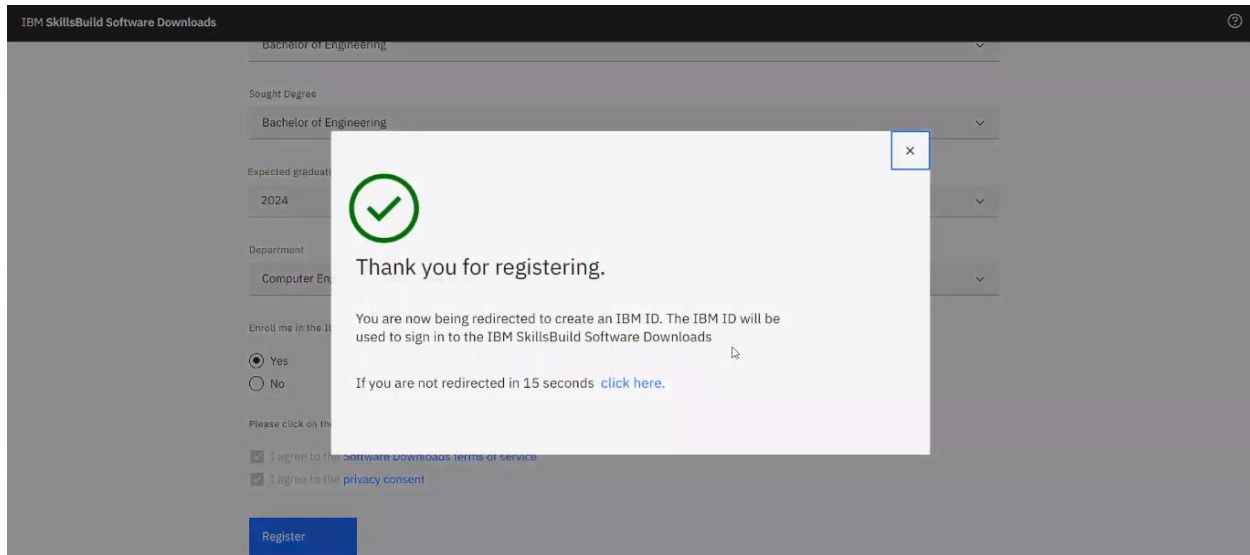
   5.Complete the fields and it send to verify mail in your registered mail id, Enter 7-digit code and click on submit.

   6.You were redirect into IBM home page and scroll down click on IBM Cloud and redirect to IBM cloud page again scroll down click on software then click IBM Cloud Feature Code then click Request feature code some error message shown do not consider again click finaly you get promo code.
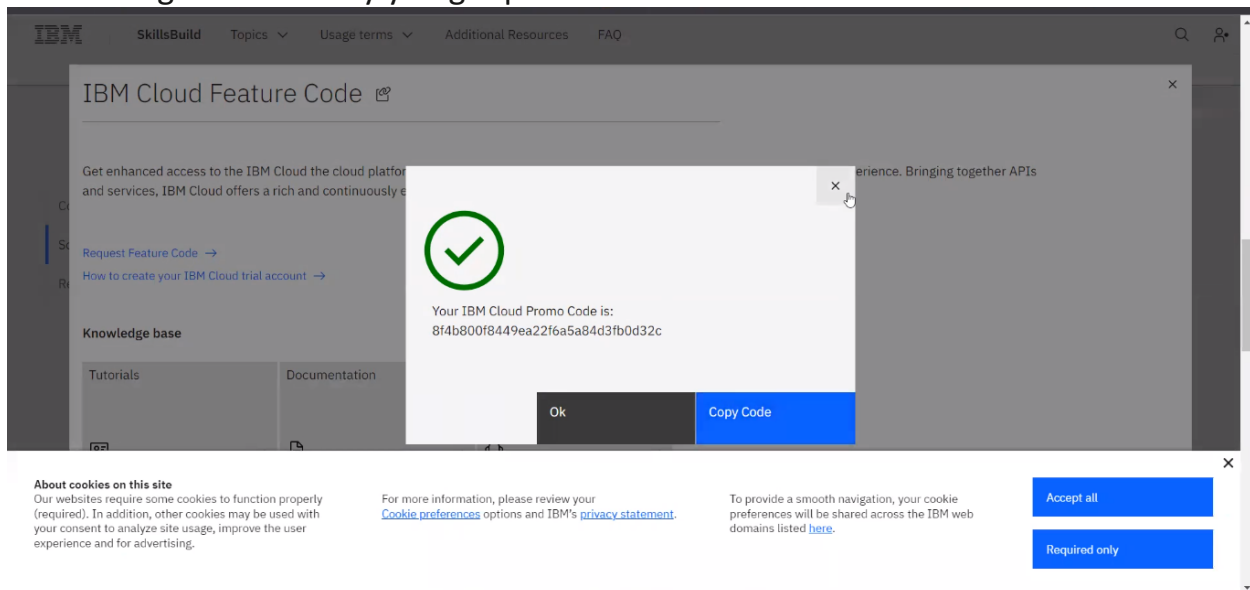

   Next go to IBM Cloud click on create account

 7.Fill the account information and Enter the verification code and set password fill the remaining fields and click the check box then click continue it takes few sec and redirect to login page.

8.Sign in with IBMID with your credentials.
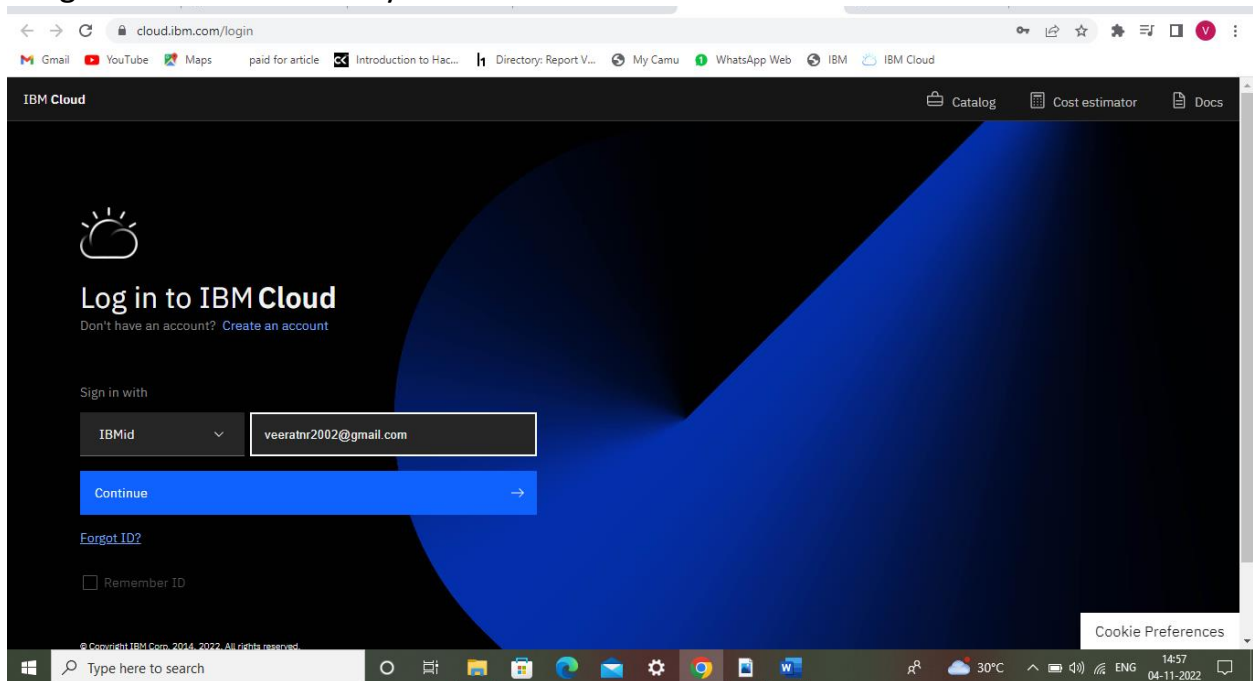
9.Next redirect to verify identity page click register with a code and copy the promo code and paste it and click create account
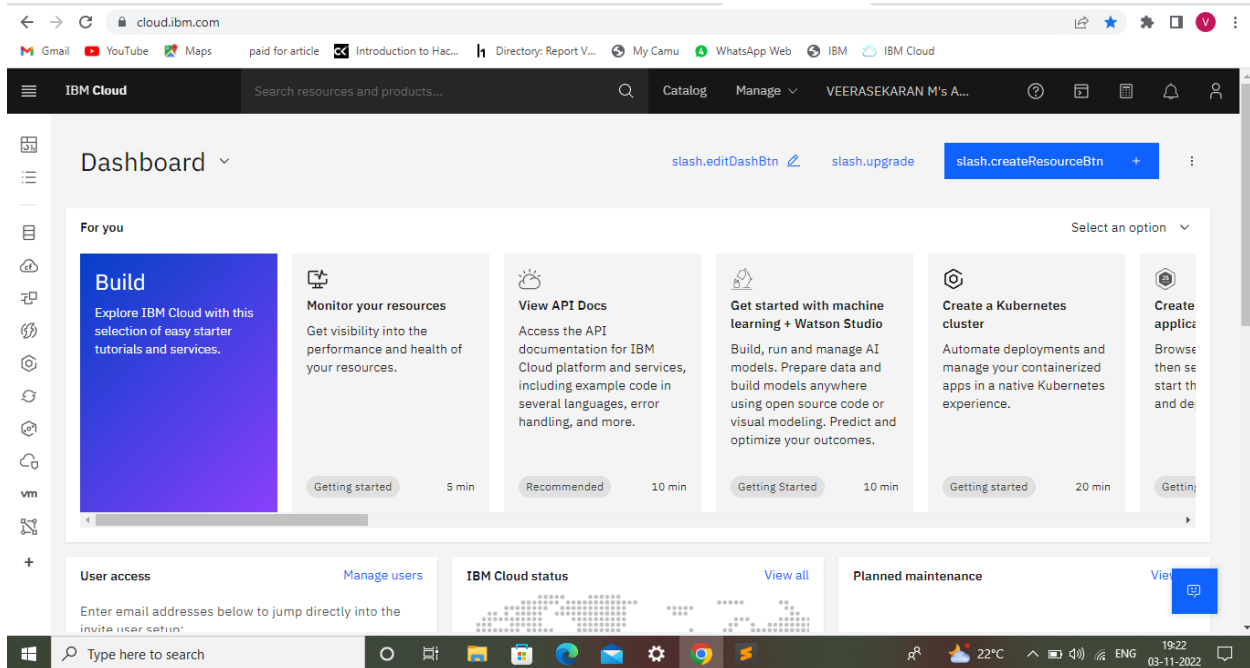
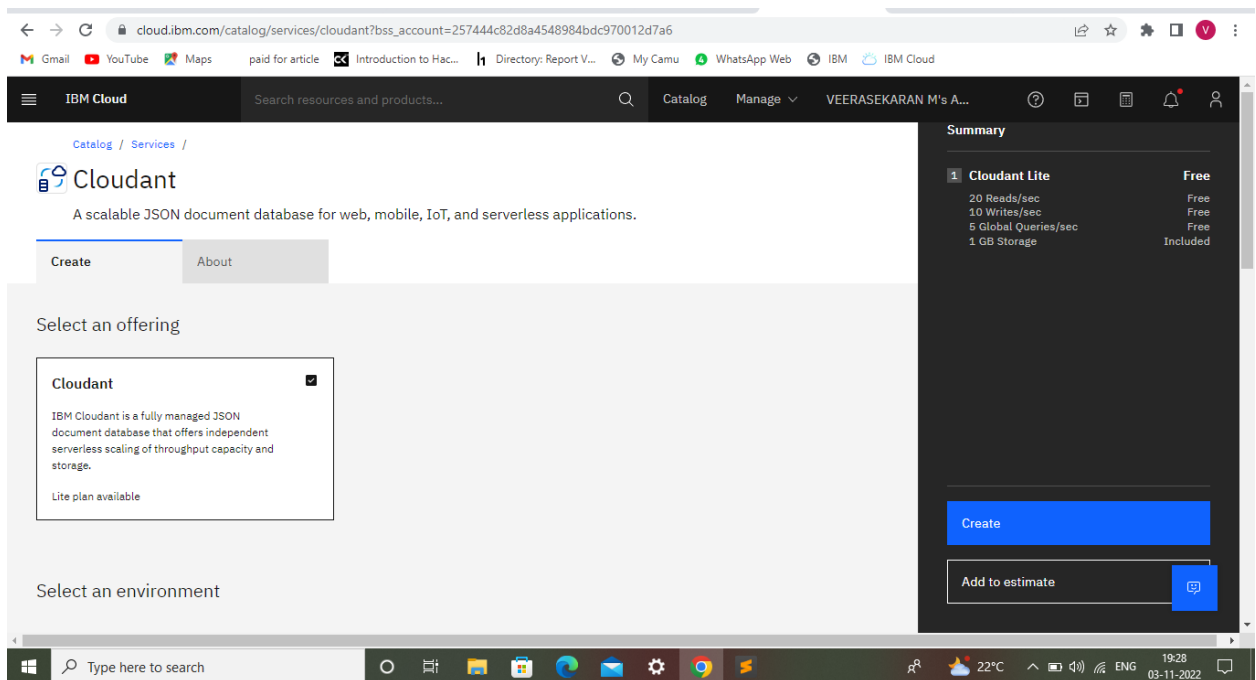## 10.Finally redirect into your IBM Cloud dashboard
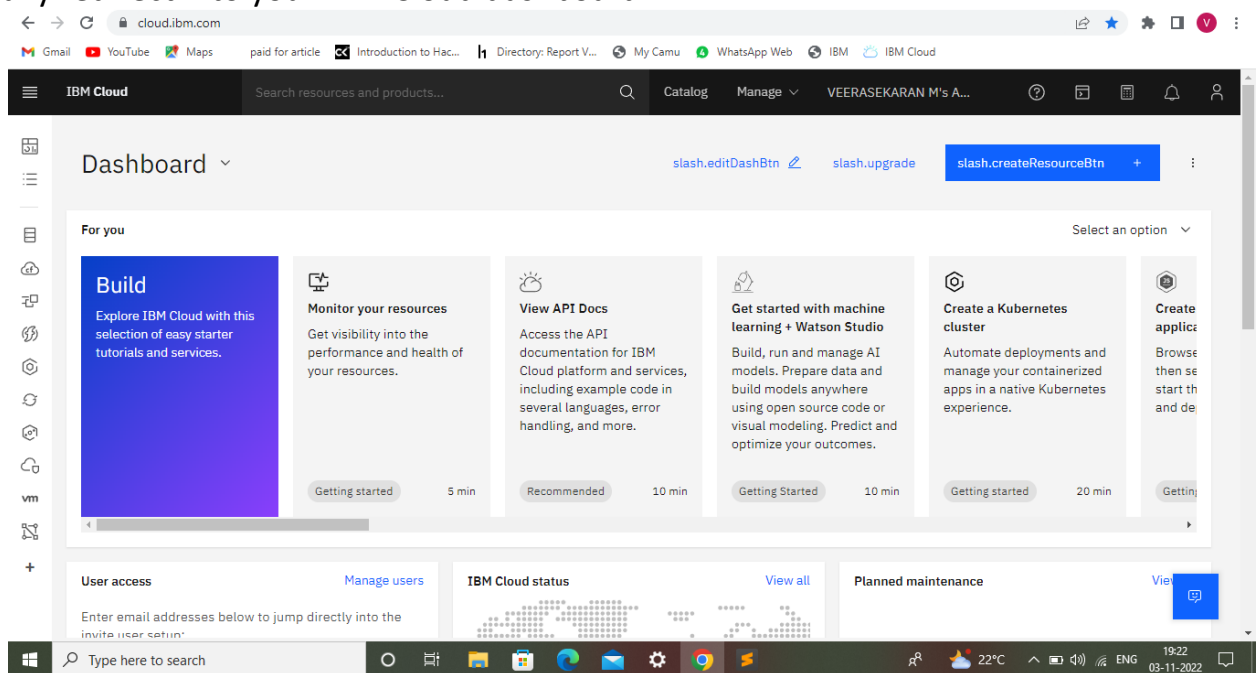
Successfully registered and login into your account .
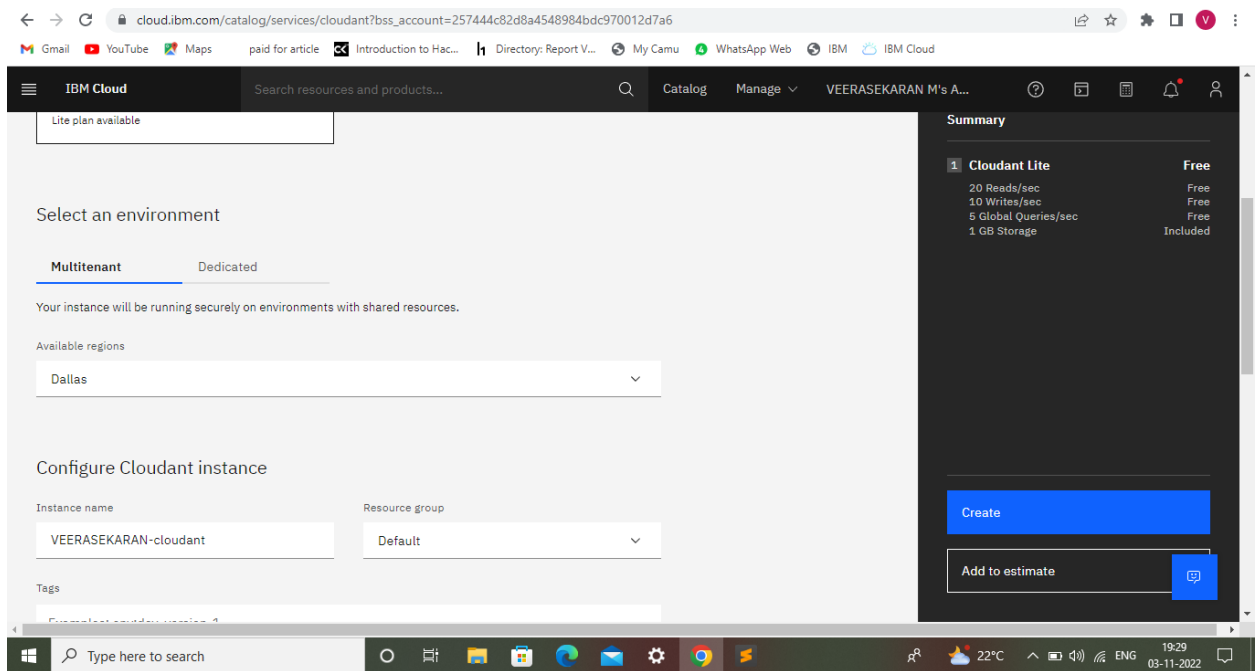
Create Service Instance

Log in to My IBM Cloud account, and click on Catalog

- Type Cloudant in the Search bar and click to open it.

- Select an offering and an environment

- Select region as Dallas & Type an instance name then click on create service

- After you click create the system displays a message to say that the instance is being provisioned, which returns you to the Resource list. From the Resource list, you see that the status for your instance is, Provision in progress.

  When the status changes to Active, click the instance.

Creating Service Credentials

1. To create the connection information that My application needs to connect to the instance, click New credential.

2. Enter a name for the new credential in the Add new credential window.

3. Accept the Manager role.

4. (Optional) Create a service ID or have one automatically generated for me.

5. (Optional) Add inline configuration parameters. This parameter isn't used by IBM Cloudant service credentials, so ignore it.

6. Click Add.

Create credential

Name:

Service credentials-1

Role: ⓘ

Manager ⌄

Advanced options ⌃

Select Service ID (Optional) ⓘ

Auto Generate ⌄

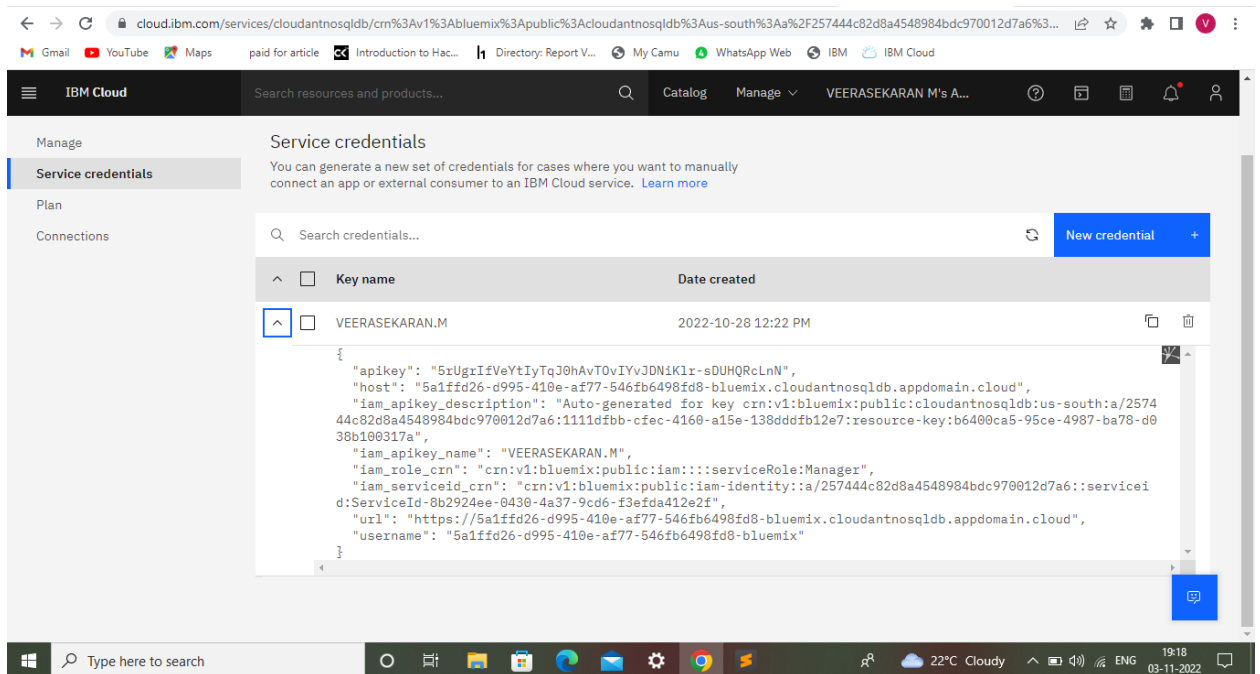Provide service-specific configuration parameters in a valid JSON object (Optional)

Choose file

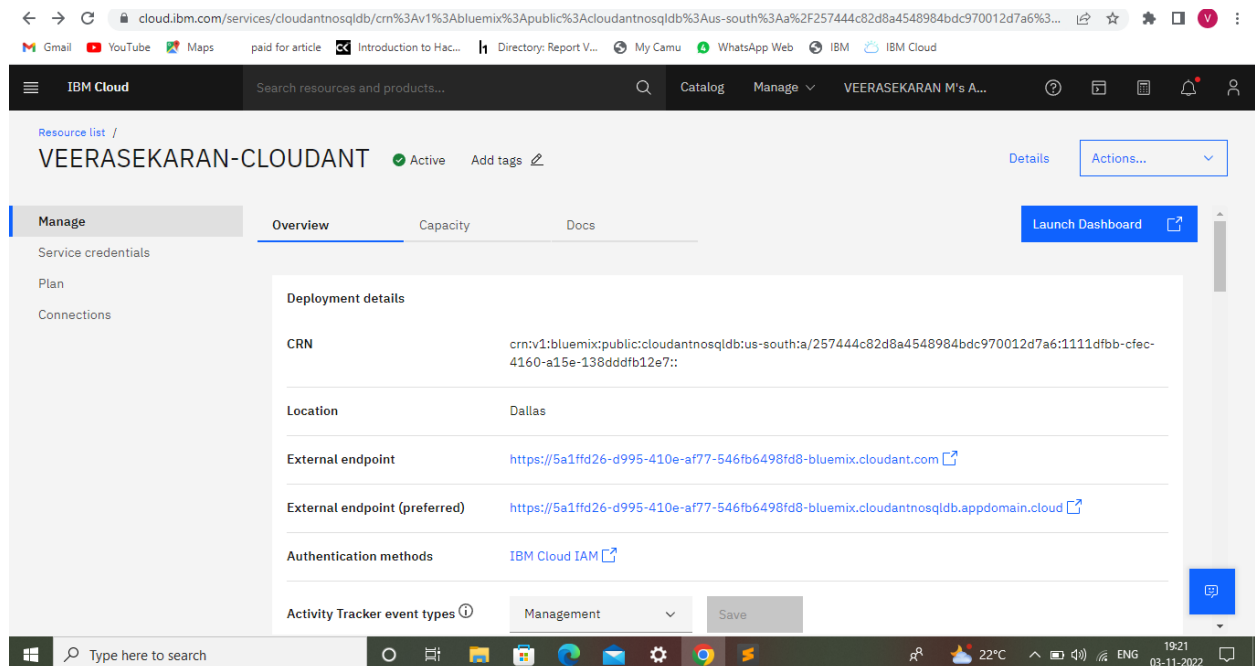Add inline configuration parameters (Optional)

Cancel	Add

7. To see the credentials that are required to access the service, click the chevron.
8. The details for the service credentials open

Launch Cloudant DB

My Cloudant DB launches


Let's create the Database Now

Create Database

- In order to manage a connection from a local system you must first initialize the connection by constructing a Cloudant client.We need to import the cloudant library.

```
from cloudant.client import cloudant
```

- IBM Cloud Identity & Access Management enables you to securely authenticate users and control access to all cloud resources consistently in the IBM Bluemix Cloud Platform.

```
Client=cloudnt.iam('username','apikey',connect=True)
```

In the above cloudant.iam() method we have to give username & apikey to build the connection with cloudant DB.
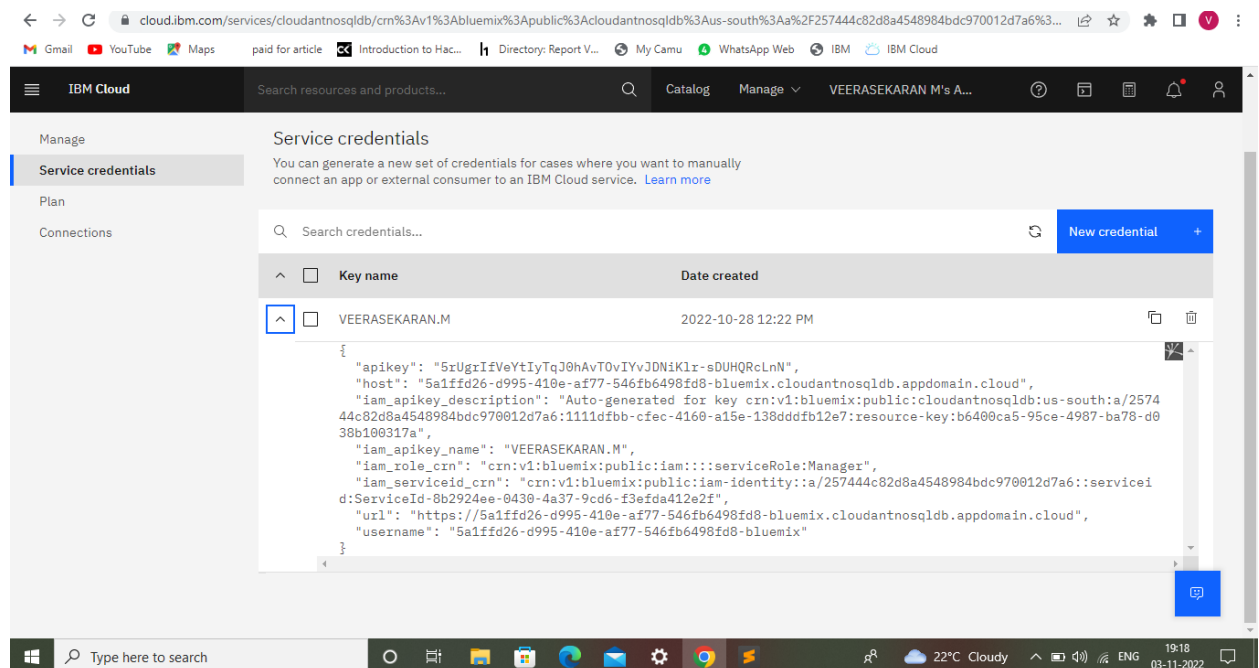
- Once a connection is established you can then create a database, open an existing database.
- Create a database as my_database

```
my_database=client.create_database(my_database')
```

Databases

| Database name ▾ | | 🗄 Create Database | { } JSON | 📖 | 🔔 |

Your Databases

Name	Size	# of Docs	Partitioned	Actions
my_database	101 bytes	3	No	⬌ 🔒 🗑

Showing 1–1 of 1 databases.   Databases per page 20 ▾   « 1 »

Log Out