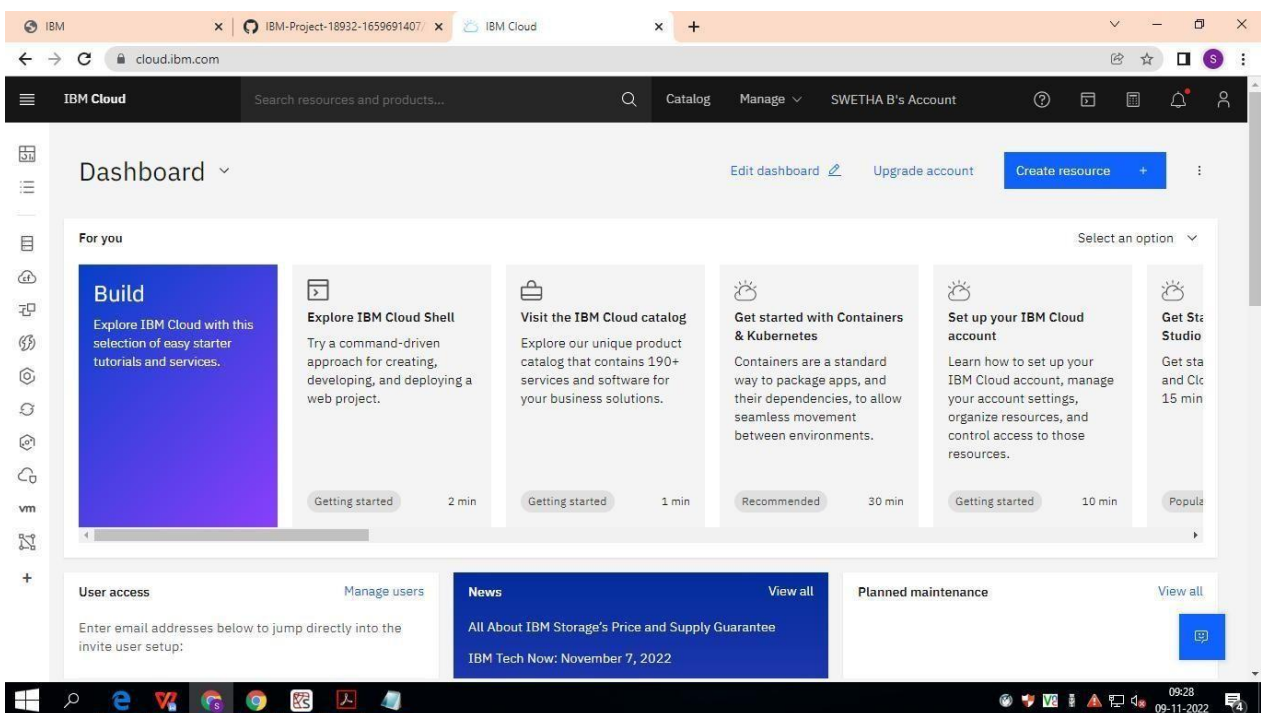


## Project Development Phase

### Sprint-3 Cloudant DB

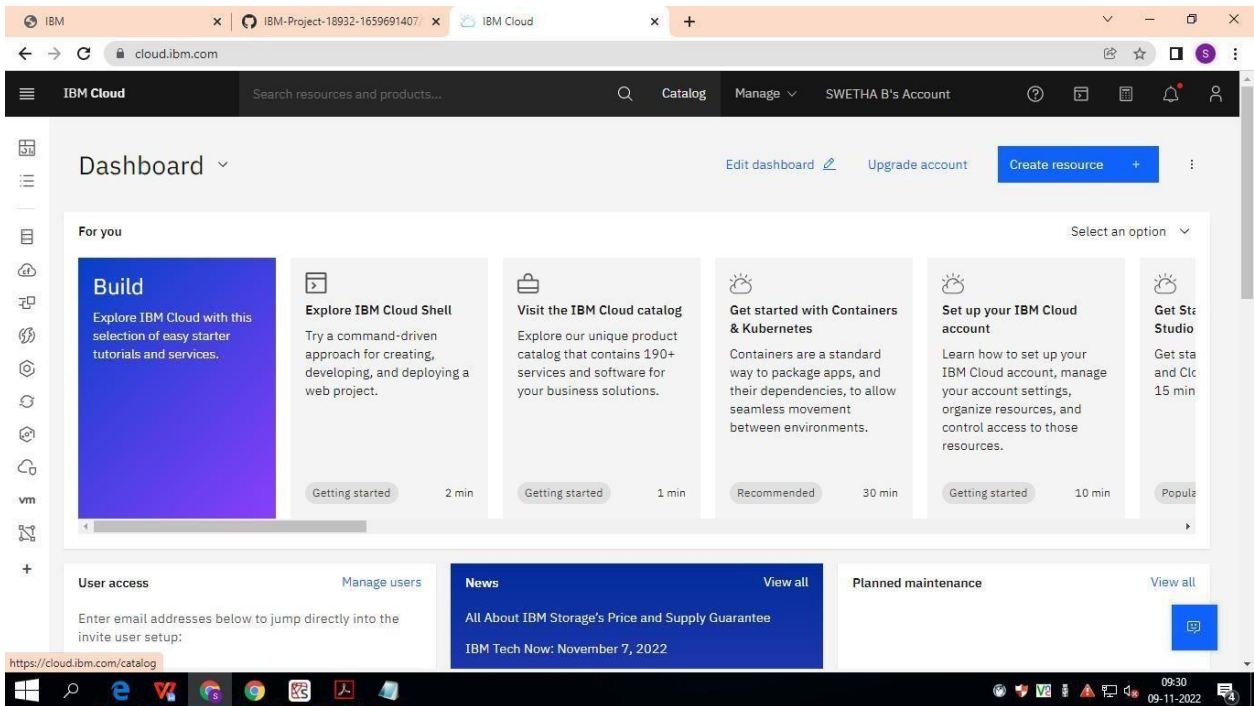
Date	9 November 2022
Team ID	PNT2022TMID25422
Project Name	Intelligent vehicle damage assessment & cost estimator for insurance companies.
Maximum Marks	8 Marks

### Register & Login To IBM Cloud:

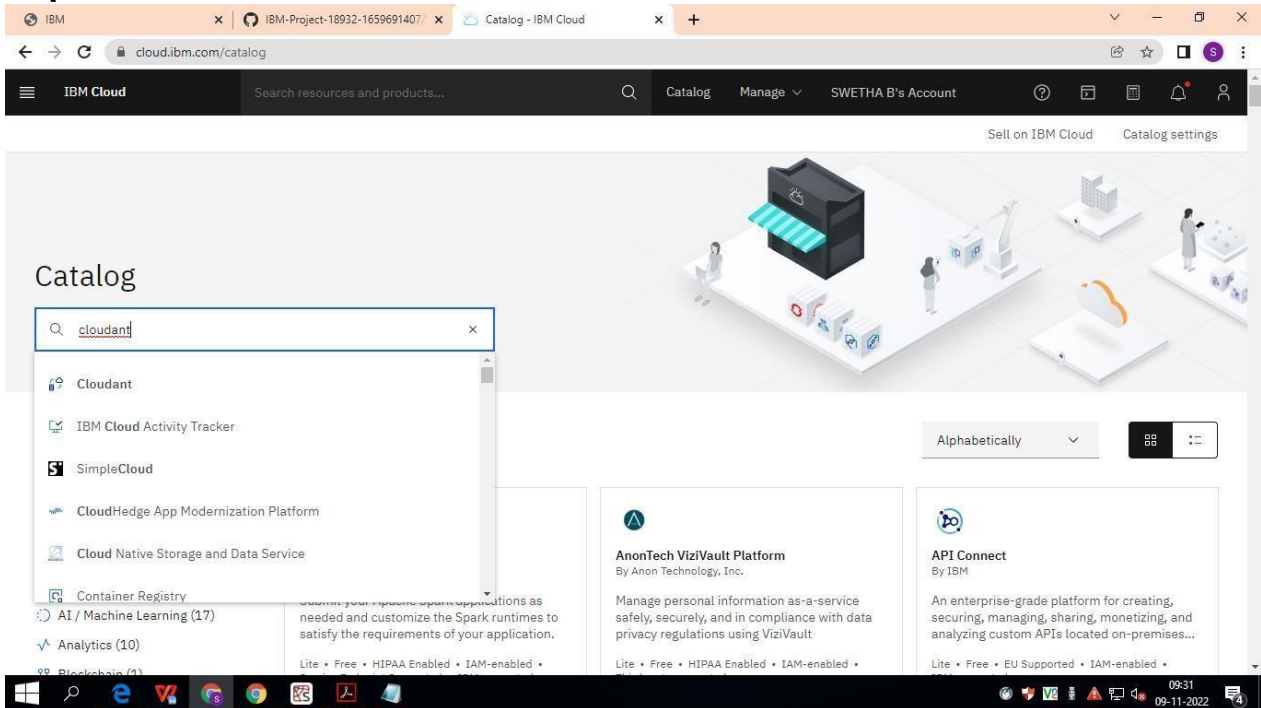


### Create Service Instance :

#### Step1:



## Step2:



## Step3:

The screenshot shows the IBM Cloud Catalog interface. The top navigation bar includes the IBM logo, a search bar, and links to 'Catalog', 'Manage', and 'SWETHA B's Account'. The main content area is titled 'Cloudant' and describes it as a 'scalable JSON document database for web, mobile, IoT, and serverless applications.' Below this, there are tabs for 'Create' and 'About'. The 'Create' tab is active, showing a 'Select an offering' section with a single option, 'Cloudant', which is selected. Below this is a 'Select an environment' section with tabs for 'Multitenant' and 'Dedicated'. The 'Multitenant' tab is selected. On the right side, there is a 'Summary' panel for the 'Cloudant Lite' plan, which is 'Free'. The summary lists the following specifications: 20 Reads/sec, 10 Writes/sec, 5 Global Queries/sec, and 1 GB Storage. At the bottom of the 'Summary' panel, there are two buttons: 'Create' and 'Add to estimate'.

#### Step4:

The screenshot shows the IBM Cloud Catalog interface for configuring a Cloudant instance. The top navigation bar is the same as the previous screenshot. The main content area is titled 'Select an environment' and shows the 'Multitenant' tab selected. Below this, there is a section for 'Available regions' with a dropdown menu showing 'Dallas'. The 'Configure Cloudant instance' section is active, showing fields for 'Instance name' (set to 'Cloudant-cx') and 'Resource group' (set to 'Default'). There is also a 'Tags' field with the example text 'env:dev, version-1'. At the bottom, there is an 'Authentication method' dropdown menu set to 'IAM'. On the right side, there is a 'Summary' panel for the 'Cloudant Lite' plan, which is 'Free'. The summary lists the following specifications: 20 Reads/sec, 10 Writes/sec, 5 Global Queries/sec, and 1 GB Storage. At the bottom of the 'Summary' panel, there are two buttons: 'Create' and 'Add to estimate'.

#### Creating Service Credentials:

##### Step1:

IBM Cloud

Resource list / Cloudant-w7 Active Add tags

Manage

Service credentials

You can generate a new set of credentials for cases where you want to manually connect an app or external consumer to an IBM Cloud service. [Learn more](#)

Search credentials...

Key name Date created

No service credentials

Credentials are provided in JSON format. The JSON snippet lists credentials, such as the API key and secret, as well as connection information for the service.

ESET Smart Security

Your system is exposed to risk. For more information, click on this notification.

ESET Main GUI

## Step2:

IBM Cloud

Resource list / Cloudant-w7 Active Add tags

Manage

Service credentials

You can generate a new set of credentials for cases where you want to manually connect an app or external consumer to an IBM Cloud service. [Learn more](#)

Search credentials...

Key name Date created

No service credentials

Credentials are provided in JSON format. The JSON snippet lists credentials, such as the API key and secret, as well as connection information for the service.

Create credential

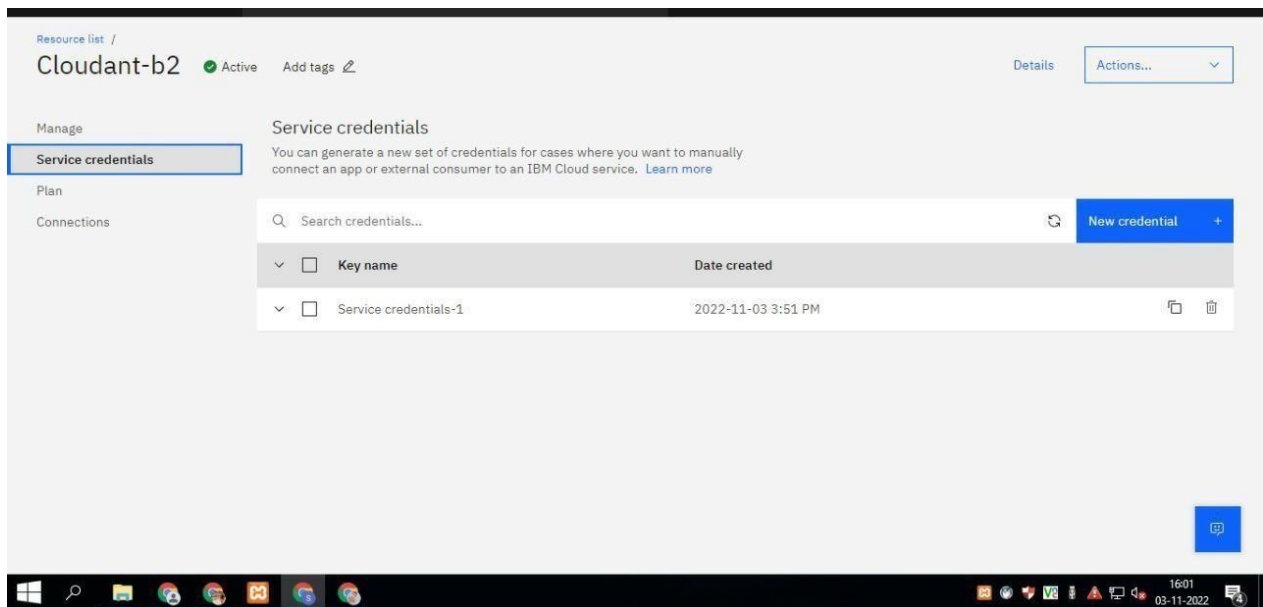
Name: Service credentials-1

Role: Manager

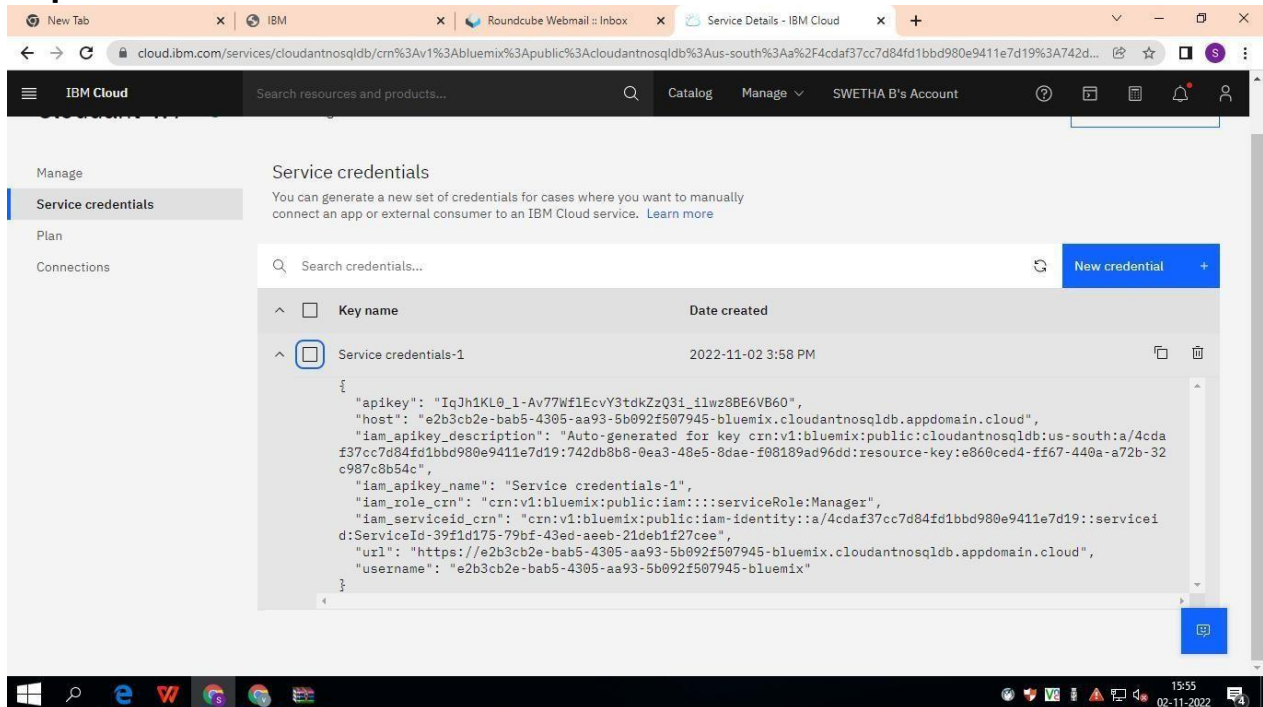
Advanced options

Cancel Add

## Step3:



## Step4:



## Launch Cloudant DB:

### Step1:

IBM Cloud interface showing the details of a Cloudant instance named "Cloudant-w7". The instance is Active. The deployment details are as follows:

Property	Value
CRN	crn:v1:bluemix:public:cloudantnosqldb:us-south:a/4cdaf37cc7d84fd1bbd980e9411e7d19:742db8b8-0ea3-48e5-8dae-f08189ad96dd::
Location	Dallas
External endpoint	<a href="https://e2b3cb2e-bab5-4305-aa93-5b092f507945-bluemix.cloudant.com">https://e2b3cb2e-bab5-4305-aa93-5b092f507945-bluemix.cloudant.com</a>
External endpoint (preferred)	<a href="https://e2b3cb2e-bab5-4305-aa93-5b092f507945-bluemix.cloudantnosqldb.appdomain.cloud">https://e2b3cb2e-bab5-4305-aa93-5b092f507945-bluemix.cloudantnosqldb.appdomain.cloud</a>
Authentication methods	IBM Cloud IAM
Activity Tracker event types	Management

The interface also shows tabs for Manage, Overview, Capacity, and Docs. A "Launch Dashboard" button is visible.

## Step2:

Cloudant Dashboard interface showing the "Databases" section. The URL is [e2b3cb2e-bab5-4305-aa93-5b092f507945-bluemix.cloudant.com/dashboard.html](https://e2b3cb2e-bab5-4305-aa93-5b092f507945-bluemix.cloudant.com/dashboard.html). The interface includes a sidebar with navigation icons and a main area with a table for databases.

Name	Size	# of Docs	Partitioned	Actions
------	------	-----------	-------------	---------

At the bottom, it shows "Showing 1-0 of 0 databases." and "Databases per page 20".

## Create Database :



IBM

IBM-Project-18932-1659691407

Service Details - IBM Cloud

cloud.ibm.com/services/cloudantnosqldb/crn%3Av1%3Abluemix%3Apublic%3Acloudantnosqldb%3Aus-south%3Aa%2F4cdf37cc7d84fd1bbd980e9411e7d19%3A742d...

IBM Cloud

Search resources and products...

Catalog

Manage

SWETHA B's Account

Manage

Service credentials

Plan

Connections

Service credentials

You can generate a new set of credentials for cases where you want to manually connect an app or external consumer to an IBM Cloud service. [Learn more](#)

Search credentials...

New credential +

<input type="checkbox"/>	Key name	Date created		
<input checked="" type="checkbox"/>	Service credentials-1	2022-11-02 3:56 PM		
<input type="checkbox"/>	Service	2022-11-08 1:32 PM		

```
{
  "apikey": "HPXqMZUg1Z1-8R4-LTFuFC7mH5r086A9fCR8zrR3J7wy",
  "host": "e2b3cb2e-bab5-4305-aa93-5b092f507945-bluemix.cloudantnosqldb.appdomain.cloud",
  "iam_apikey_description": "Auto-generated for key crn:v1:bluemix:public:cloudantnosqldb:us-south:a/4cdf37cc7d84fd1bbd980e9411e7d19:742db8b8-0ea3-48e5-8dae-f08189ad96dd:resource-key:2d547002-05eb-442e-bda9-6e3ad8f85996",
  "iam_apikey_name": "Service",
  "iam_role_crn": "crn:v1:bluemix:public:iam:::serviceRole:Manager",
  "iam_serviceid_crn": "crn:v1:bluemix:public:iam-identity:a/4cdf37cc7d84fd1bbd980e9411e7d19:serviceid:ServiceId-63c8b23f-0026-4202-88ba-4c90b5133a87",
  "url": "https://e2b3cb2e-bab5-4305-aa93-5b092f507945-bluemix.cloudantnosqldb.appdomain.cloud",
  "username": "e2b3cb2e-bab5-4305-aa93-5b092f507945-bluemix"
}
```

Windows Taskbar

System Tray