

## PROJECT DEVELOPMENT PHASE

### Sprint-3 Cloudant DB

Date	7 November 2022
Team ID	PNT2022TMID38777
Project Name	Intelligent vehicle damage assessment & cost estimator for insurance companies.
Maximum Marks	8 Marks

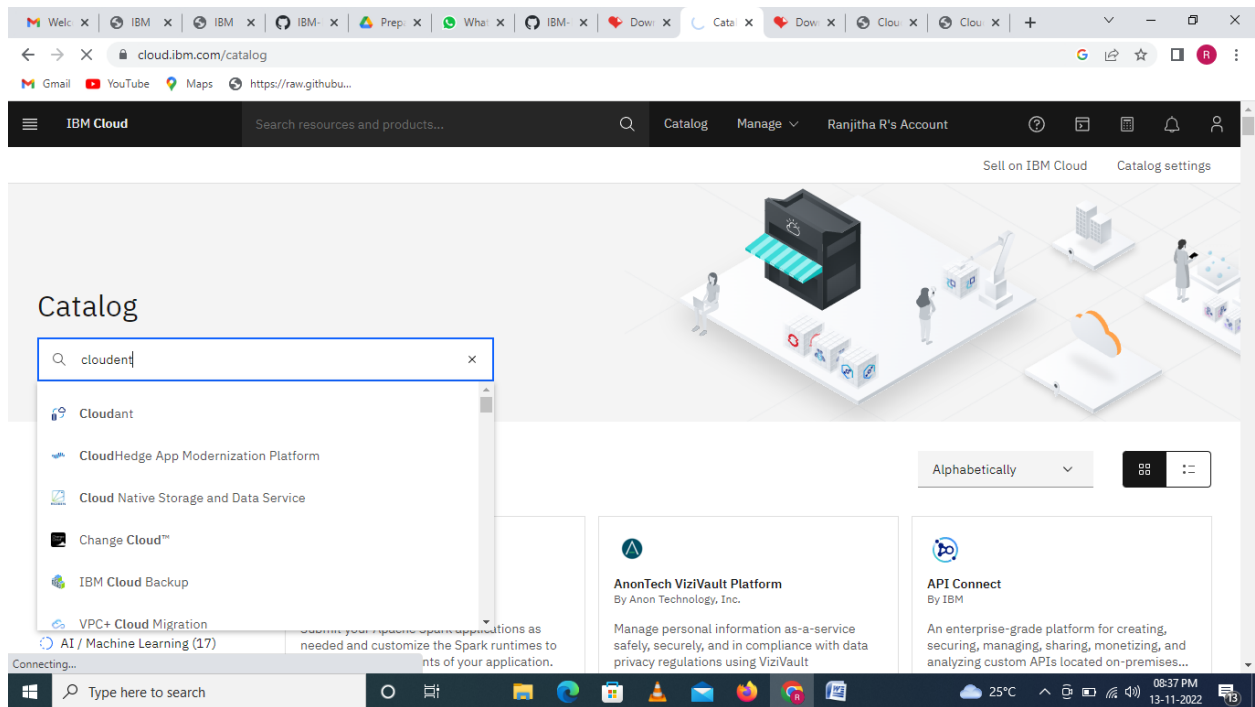
**Register & Login to IBM Cloud:**

**Create Service Instance:**

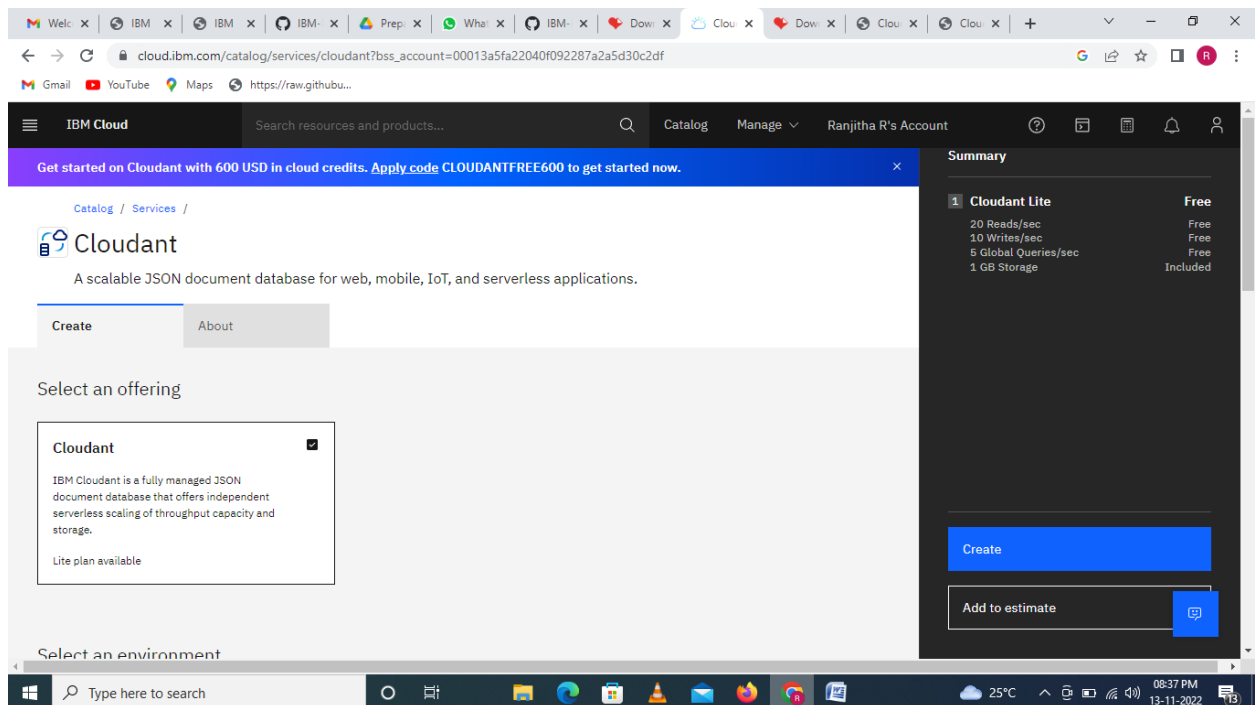
**Step-1:**

The screenshot displays the IBM Cloud dashboard interface. At the top, there's a navigation bar with the IBM Cloud logo, a search bar, and links for 'Catalog', 'Manage', and 'Ranjitha R's Account'. Below this, the 'Dashboard' section is visible, featuring a 'For you' section with several service cards. These cards include 'Build' (a large blue card), 'Build a web app with Watson Speech to Text' (15 min), 'Build a Virtual Private Cloud (VPC)' (7 min), 'Get Started with Watson Studio' (2 hr), 'Get started with Watson Discovery' (2 hr), and 'IBM Watson Catalog'. Each card has a 'Getting started' button. At the bottom, there are sections for 'User access' (with a 'Manage users' link), 'News' (with a 'View all' link), and 'Planned maintenance' (with a 'View all' link). The bottom of the image shows a Windows taskbar with various application icons and a system tray displaying the date and time as 06:43 PM on 13-11-2022.

## Step-2:



## Step-3:



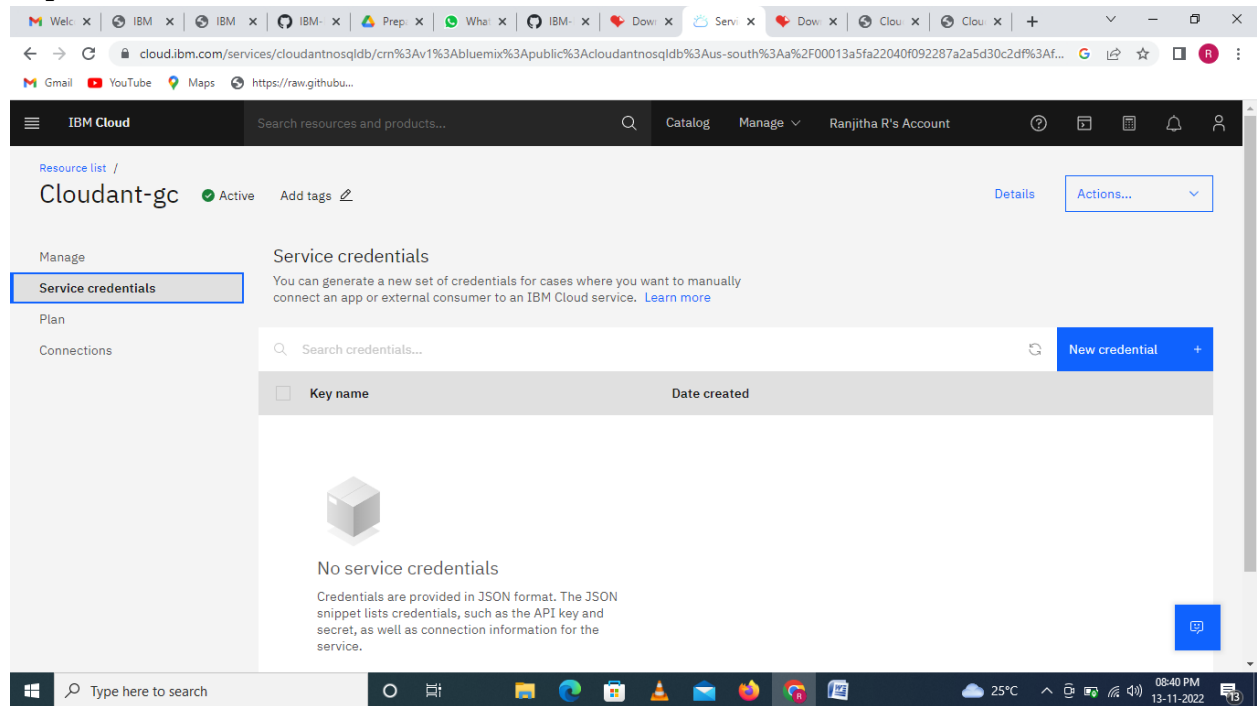
## Step-4:

The screenshot shows the IBM Cloud console interface. The top navigation bar includes the IBM Cloud logo, a search bar, and links to Catalog, Manage, and the user's account (Ranjitha R's Account). The main content area is titled 'Select an environment' and features two tabs: 'Multitenant' (selected) and 'Dedicated'. Below the tabs, a message states: 'Your instance will be running securely on environments with shared resources.' Under 'Available regions', a dropdown menu shows 'Dallas'. The 'Configure Cloudant instance' section includes an 'Instance name' field with 'Cloudant-gc', a 'Resource group' dropdown with 'Default', and a 'Tags' field with the example 'env:dev, version-1'. On the right, a 'Summary' panel lists the 'Cloudant Lite' plan with specifications: 20 Reads/sec, 10 Writes/sec, 5 Global Queries/sec, and 1 GB Storage, all marked as 'Free' or 'Included'. At the bottom of the summary panel are 'Create' and 'Add to estimate' buttons. The Windows taskbar at the bottom shows the search bar and various application icons.

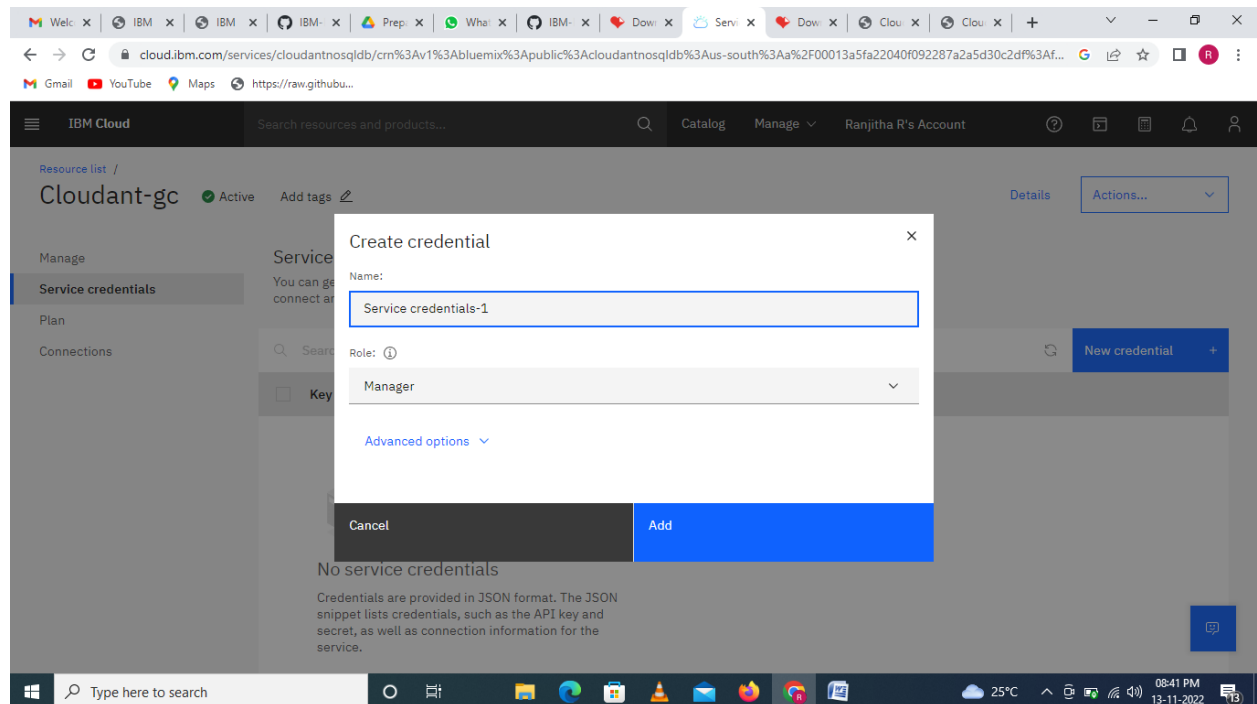
This screenshot shows the next step in the IBM Cloud console, where the user selects a plan. The 'Authentication method' is set to 'IAM'. Under the 'Plan' section, two options are displayed: 'Lite' (selected with a checkmark) and 'Standard'. The 'Lite' plan is described as 'Full functionality for development and evaluation with a set capacity. Only one Lite plan instance per account.' and is 'Free - Only in multi-tenant'. The 'Standard' plan offers 'Granular control over provisioned throughput capacity allocated. Billing prorated hourly.' and starts at '\$75.00/month'. A 'Capacity' field is visible at the bottom. The right-hand 'Summary' panel remains the same, showing the 'Cloudant Lite' plan details and the 'Create' and 'Add to estimate' buttons. The Windows taskbar at the bottom is consistent with the previous screenshot.

## Creating Service Credentials:

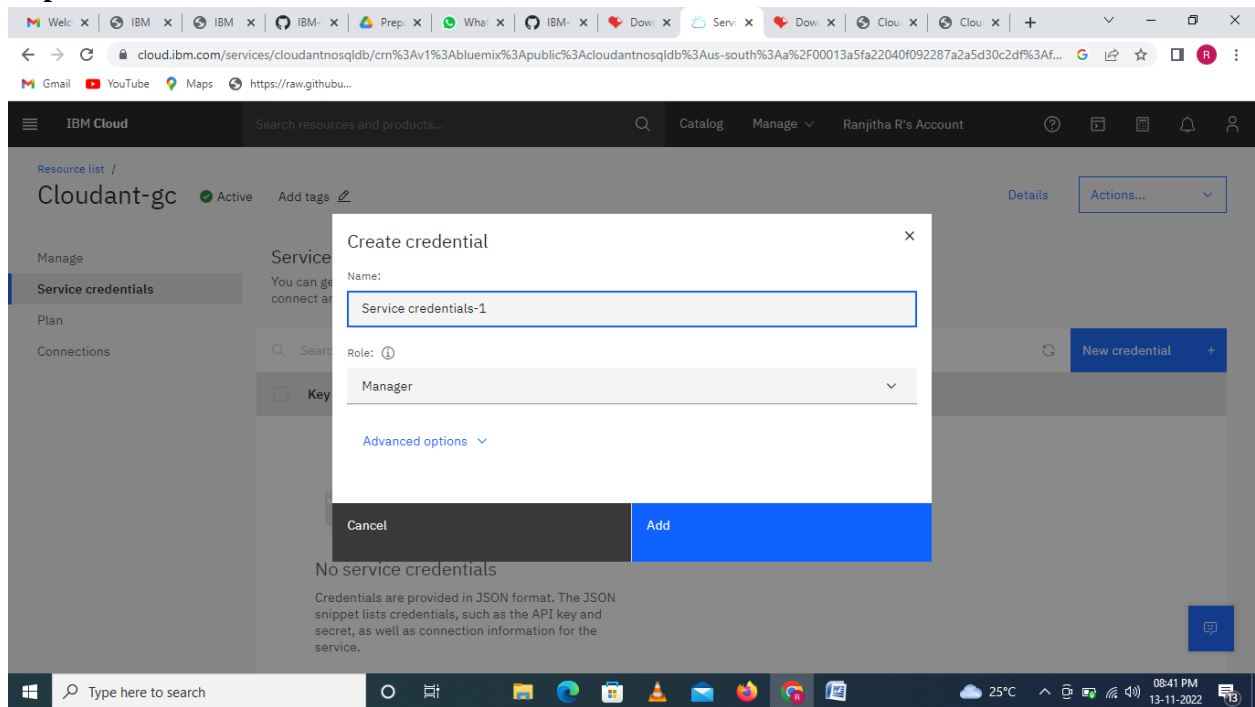
### Step-1:



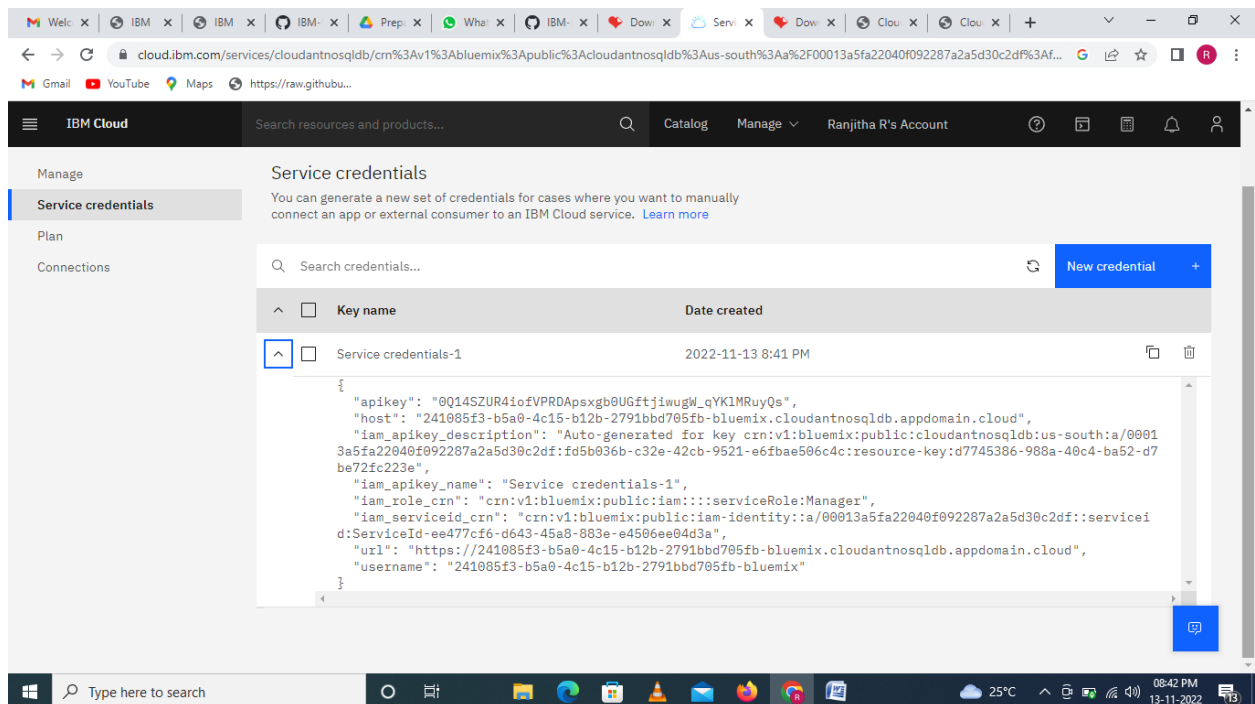
### Step-2:



### Step-3:



### Step-4:



## Launch Cloudant DB: Step-1:

The screenshot shows the IBM Cloud console interface. The top navigation bar includes the IBM Cloud logo, a search bar, and links to Catalog, Manage, and the user's account (Ranjitha R's Account). The main content area displays the details for a resource named "Cloudant-gc", which is in an "Active" state. The left sidebar shows the "Manage" tab selected, with sub-options for Service credentials, Plan, and Connections. The main panel shows the "Overview" tab, which includes a "Deployment details" section with the following information:

- CRN:** crn:v1:bluemix:public:cloudantnosqldb:us-south:a/00013a5fa22040f092287a2a5d30c2df:fd5b036b-c32e-42cb-9521-e6fbae506c4c::
- Location:** Dallas
- External endpoint:** <https://241085f3-b5a0-4c15-b12b-2791bbd705fb-bluemix.cloudant.com>
- External endpoint (preferred):** <https://241085f3-b5a0-4c15-b12b-2791bbd705fb-bluemix.cloudantnosqldb.appdomain.cloud>
- Authentication methods:** [IBM Cloud IAM](#)

At the bottom of the main panel, there is an "Activity Tracker event types" section with a dropdown menu set to "Management" and a "Save" button. The bottom of the screen shows the Windows taskbar with various application icons and the system clock indicating 08:42 PM on 13-11-2022.

## Create Database:

The screenshot shows the IBM Cloud console interface, specifically the "Service credentials" page. The top navigation bar is the same as in the previous screenshot. The left sidebar shows the "Service credentials" tab selected. The main panel displays the "Service credentials" section, which includes a description: "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](#)". Below this, there is a search bar and a "New credential" button. A table lists the existing credentials:

Key name	Date created
Service credentials-1	2022-11-13 8:41 PM

The "Service credentials-1" entry is selected, and its details are displayed in a code block below the table. The details include an API key, host, IAM API key description, IAM API key name, IAM role CRN, IAM service ID CRN, service ID, URL, and username.

```
{
  "apikey": "0Q14SZUR4iofVPRDapsxgb0UGftjwugW_qYKlMRuyQs",
  "host": "241085f3-b5a0-4c15-b12b-2791bbd705fb-bluemix.cloudantnosqldb.appdomain.cloud",
  "iam_apikey_description": "Auto-generated for key crn:v1:bluemix:public:cloudantnosqldb:us-south:a/00013a5fa22040f092287a2a5d30c2df:fd5b036b-c32e-42cb-9521-e6fbae506c4c:resource-key:d7745386-988a-40c4-ba52-d7be72fc223e",
  "iam_apikey_name": "Service credentials-1",
  "iam_role_crn": "crn:v1:bluemix:public:iam:::serviceRole:Manager",
  "iam_serviceid_crn": "crn:v1:bluemix:public:iam-identity::a/00013a5fa22040f092287a2a5d30c2df::serviceid:ServiceId-ee477cf6-d643-45a8-883e-e4506ee04d3a",
  "url": "https://241085f3-b5a0-4c15-b12b-2791bbd705fb-bluemix.cloudantnosqldb.appdomain.cloud",
  "username": "241085f3-b5a0-4c15-b12b-2791bbd705fb-bluemix"
}
```

The bottom of the screen shows the Windows taskbar with various application icons and the system clock indicating 08:42 PM on 13-11-2022.