

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

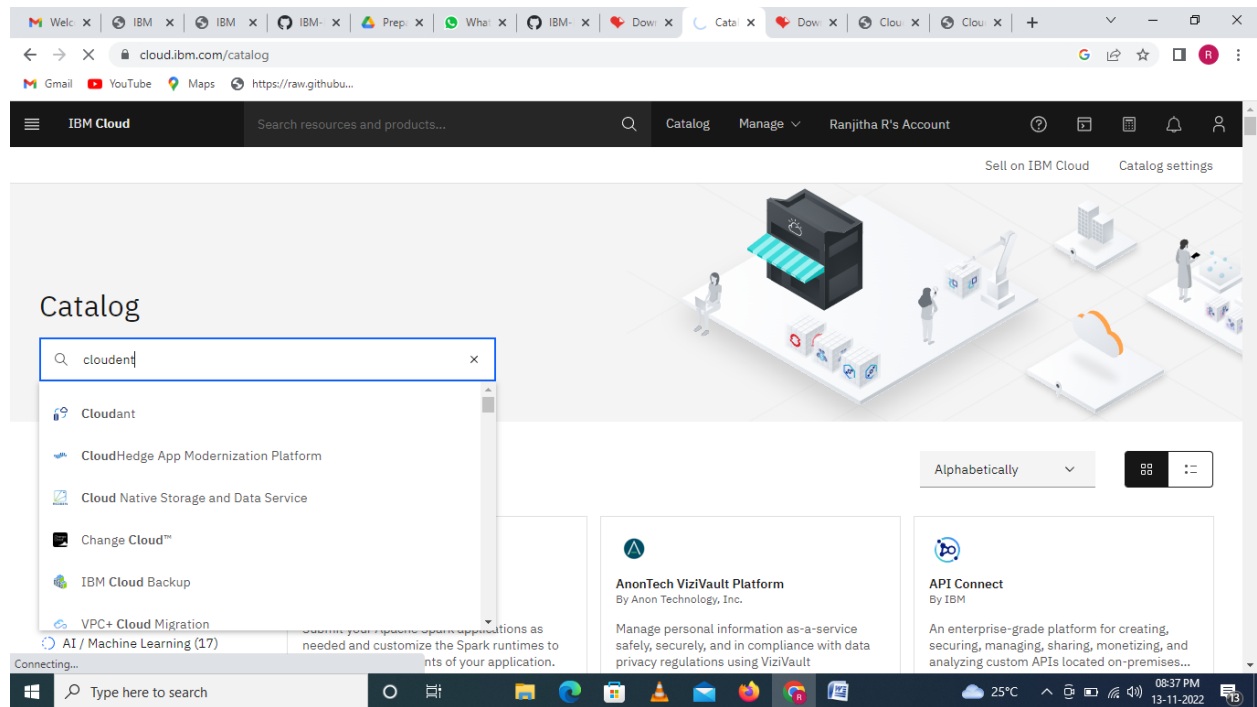
Register & Login to IBM Cloud:

Create Service Instance:

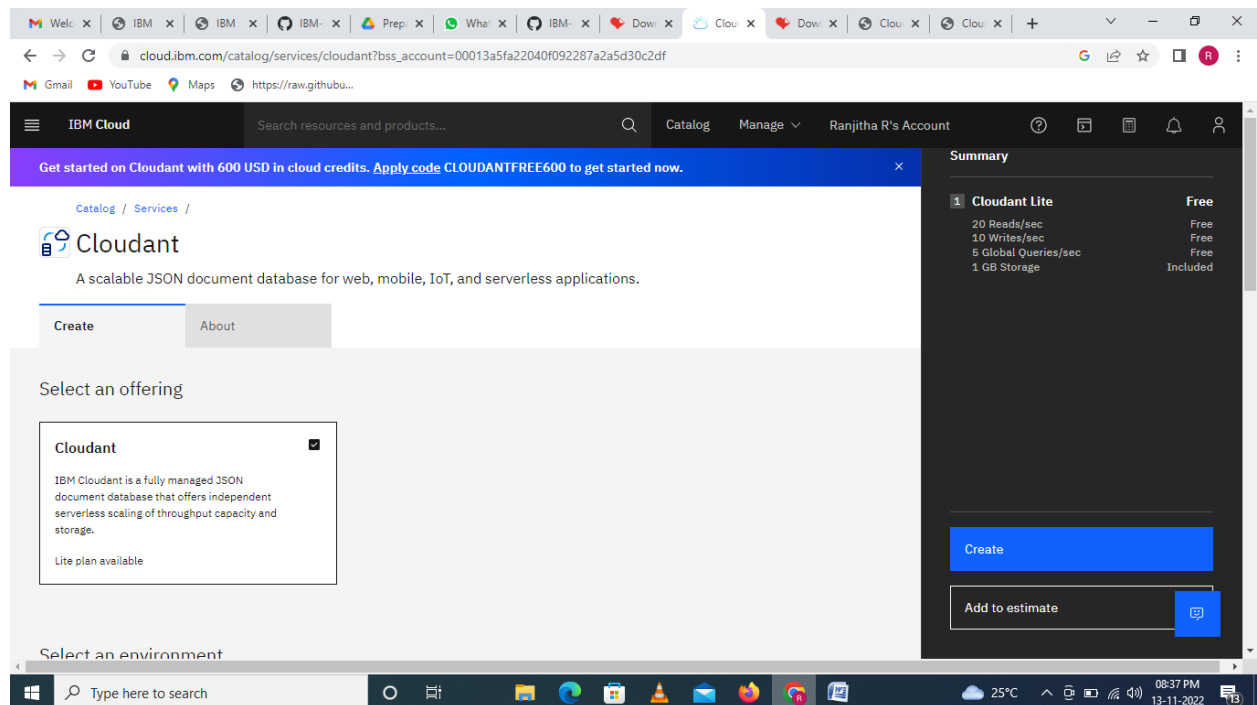
Step-1:

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 clock indicating 06:43 PM on 13-11-2022.

Step-2:



Step-3:



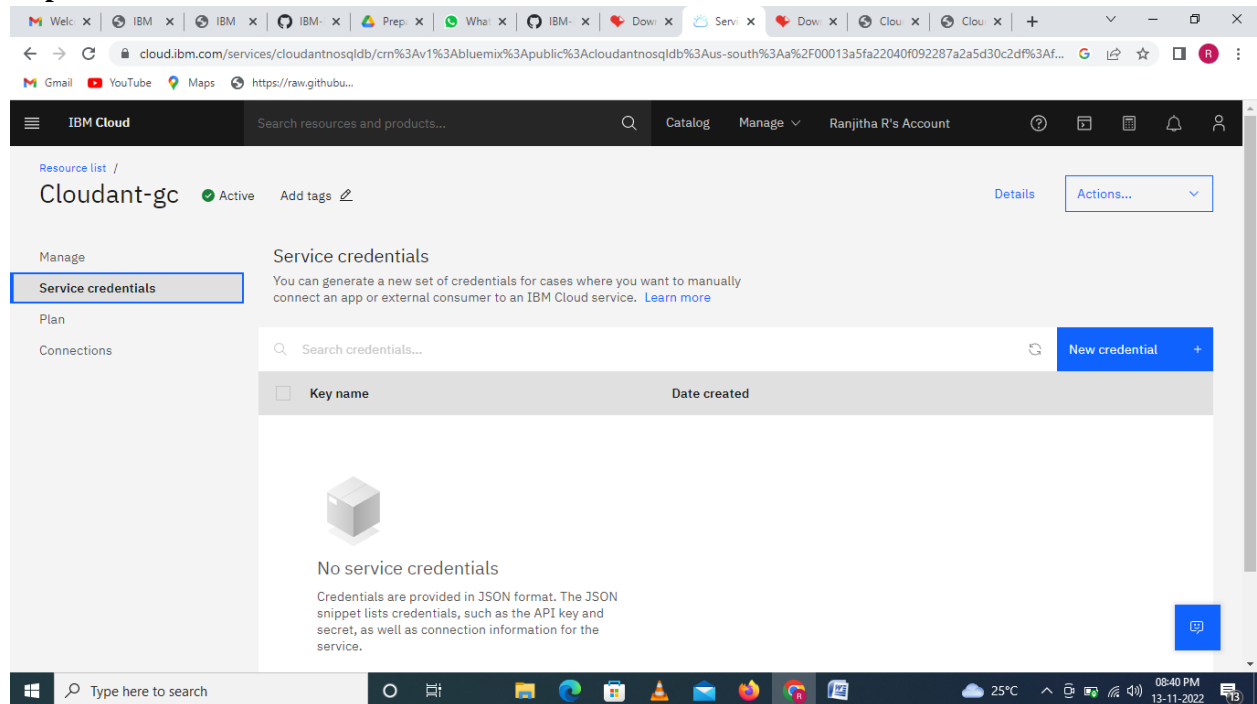
Step-4:

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.

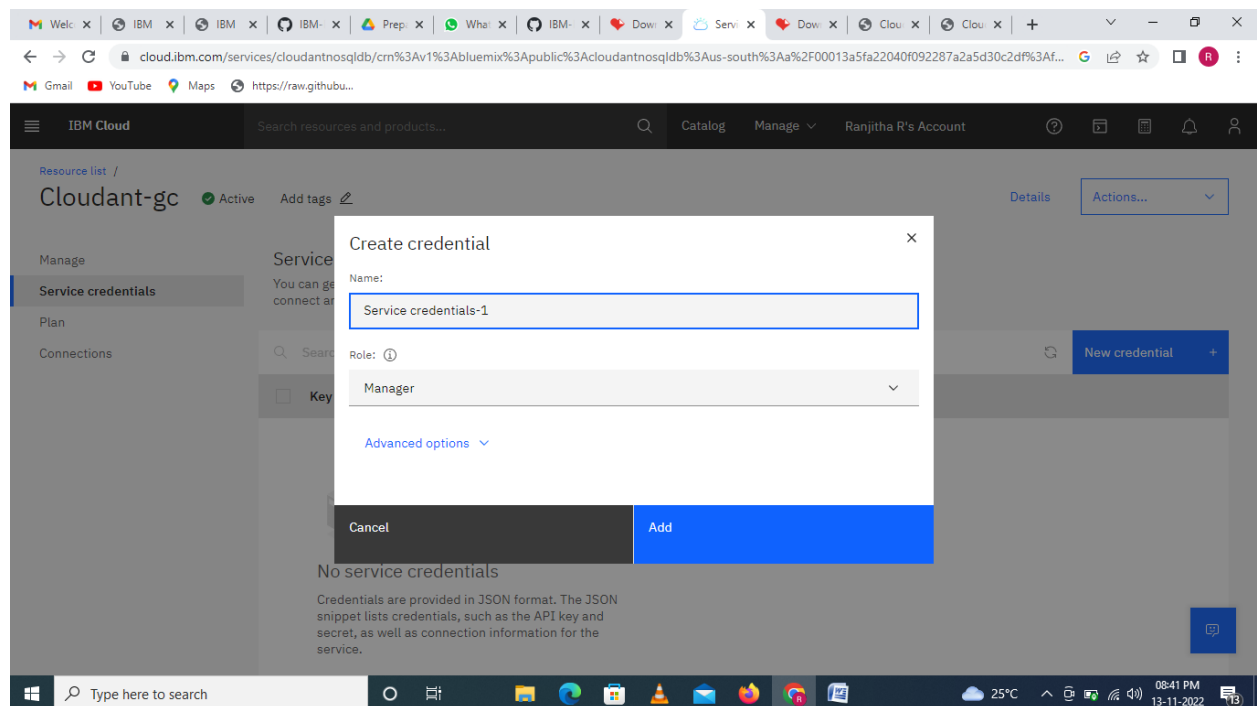
This screenshot shows the 'Plan' selection step in the IBM Cloud console. The 'Authentication method' is set to 'IAM'. Two plans are displayed: 'Lite' and 'Standard'. The 'Lite' plan is selected, indicated by a checked checkbox. Its description reads: 'Full functionality for development and evaluation with a set capacity. Only one Lite plan instance per account.' and it is noted as 'Free - Only in multi-tenant'. The 'Standard' plan is described as having 'Granular control over provisioned throughput capacity allocated. Billing prorated hourly.' and is 'Starting at \$75.00/month'. Below the plans, a 'Capacity' field is visible. The 'Summary' panel on the right remains the same, showing the 'Cloudant Lite' plan details and the 'Create' and 'Add to estimate' buttons. The Windows taskbar at the bottom shows the search bar and various application icons.

Creating Service Credentials:

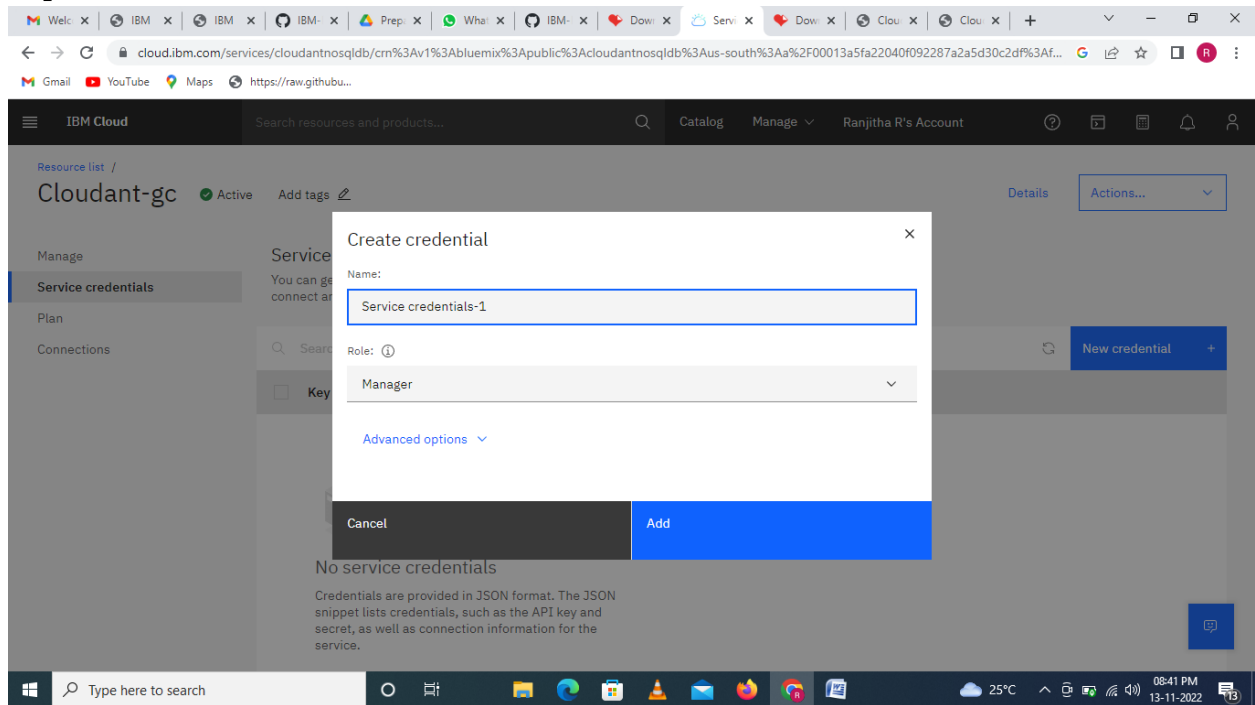
Step-1:



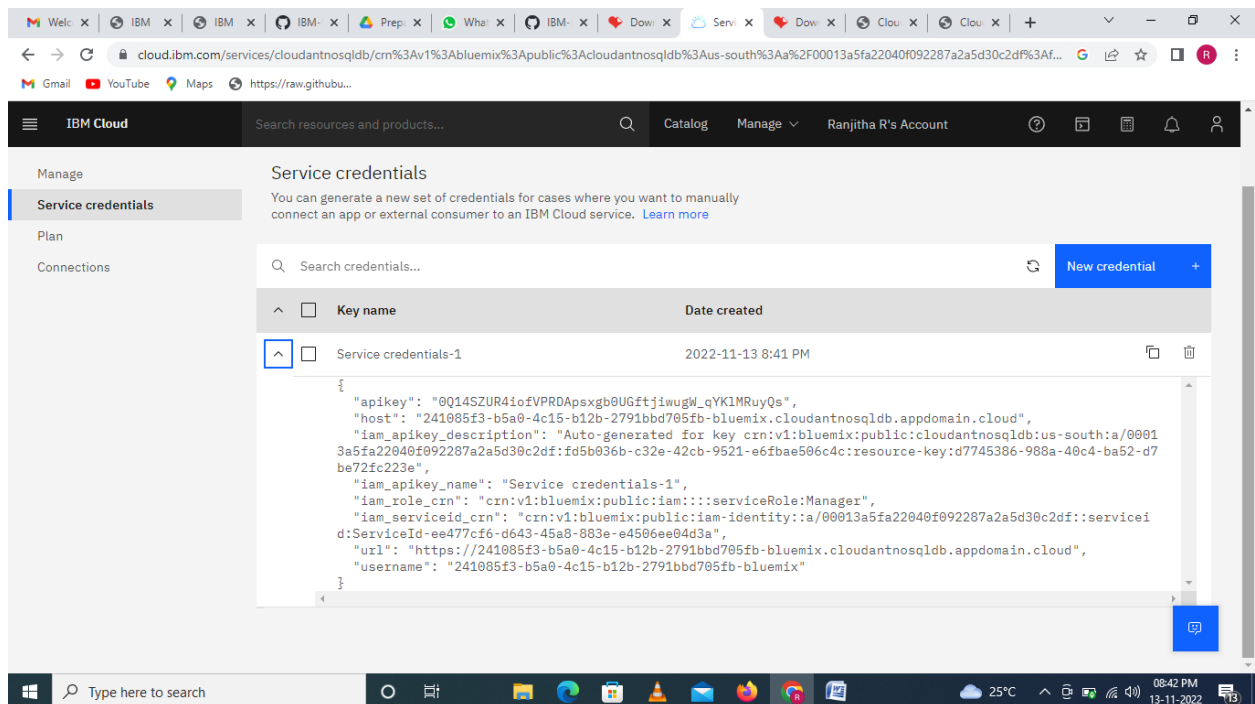
Step-2:



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 Cloudant-gc resource, which is currently Active. 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. A Launch Dashboard button is also visible in the top right corner of the main panel.

Step-2:

The screenshot shows the Cloudant Dashboard interface. The top navigation bar includes the Cloudant logo, a search bar, and links to Create Database, JSON, and a notification bell. The main content area displays the Databases section, which is currently empty. The left sidebar shows the Databases tab selected, with sub-options for Your Databases, Recent Databases, and Recent Collections. The main panel shows the Overview tab, which includes a table with the following columns:

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

At the bottom of the main panel, there is a status bar showing "Showing 1-0 of 0 databases." and a dropdown menu for "Databases per page" set to 20. A Log Out button is visible in the bottom left corner of the sidebar.

Create Database:

The screenshot shows the IBM Cloud console interface. The left sidebar has a 'Manage' section with 'Service credentials' selected. The main area is titled 'Service credentials' and contains a search bar, a 'New credential' button, and a table of credentials. One credential, 'Service credentials-1', is expanded to show its details in a JSON format.

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 +

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

```
{
  "apikey": "0Q14SZUR4iofVPRDApsxgb0UGftjiwugW_qYKlMRuyQs",
  "host": "241085f3-b5a0-4c15-b12b-2791bbd705fb-blumix.cloudantnosqldb.appdomain.cloud",
  "iam_apikey_description": "Auto-generated for key crn:v1:blumix: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:blumix:public:iam:::serviceRole:Manager",
  "iam_serviceid_crn": "crn:v1:blumix:public:iam-identity::a/00013a5fa22040f092287a2a5d30c2df::serviceid:ServiceId-ee477cf6-d643-45a8-883e-e4506ee04d3a",
  "url": "https://241085f3-b5a0-4c15-b12b-2791bbd705fb-blumix.cloudantnosqldb.appdomain.cloud",
  "username": "241085f3-b5a0-4c15-b12b-2791bbd705fb-blumix"
}
```