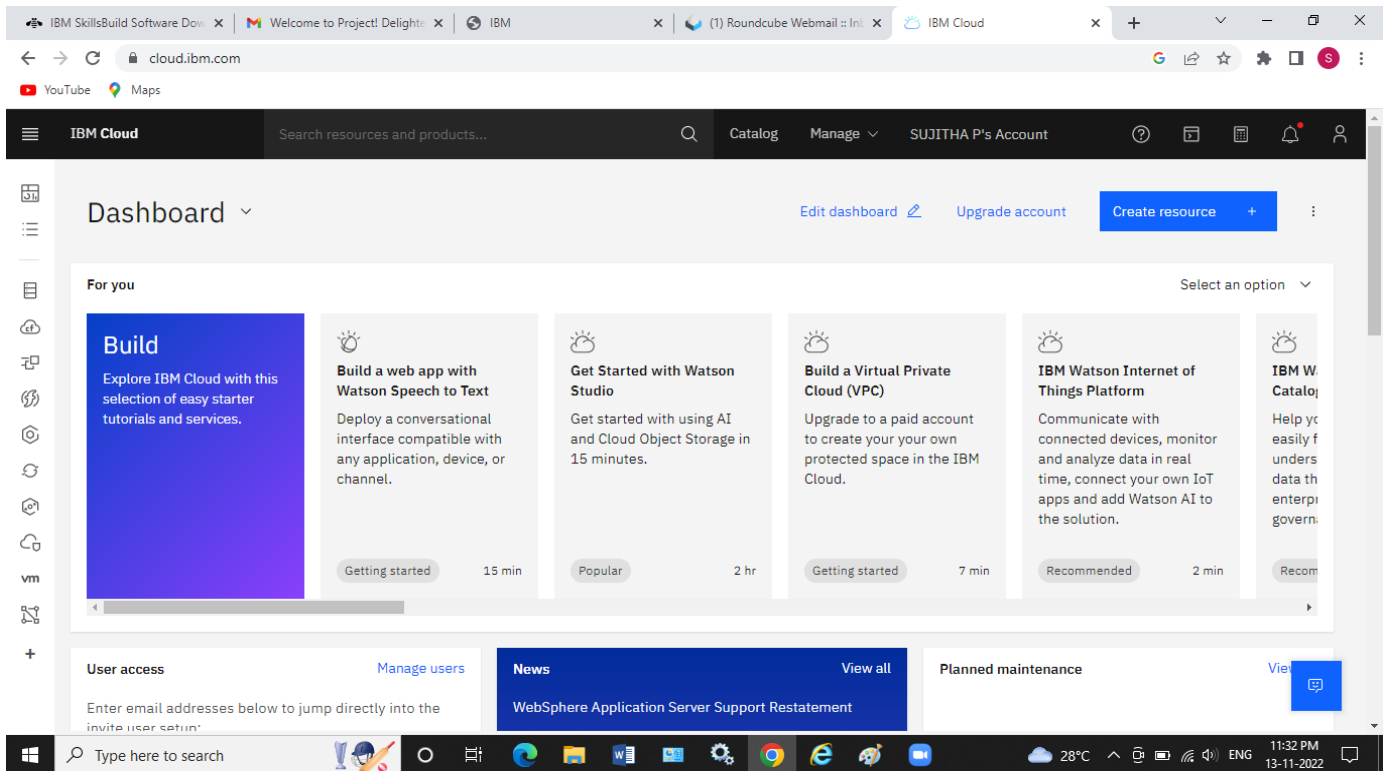


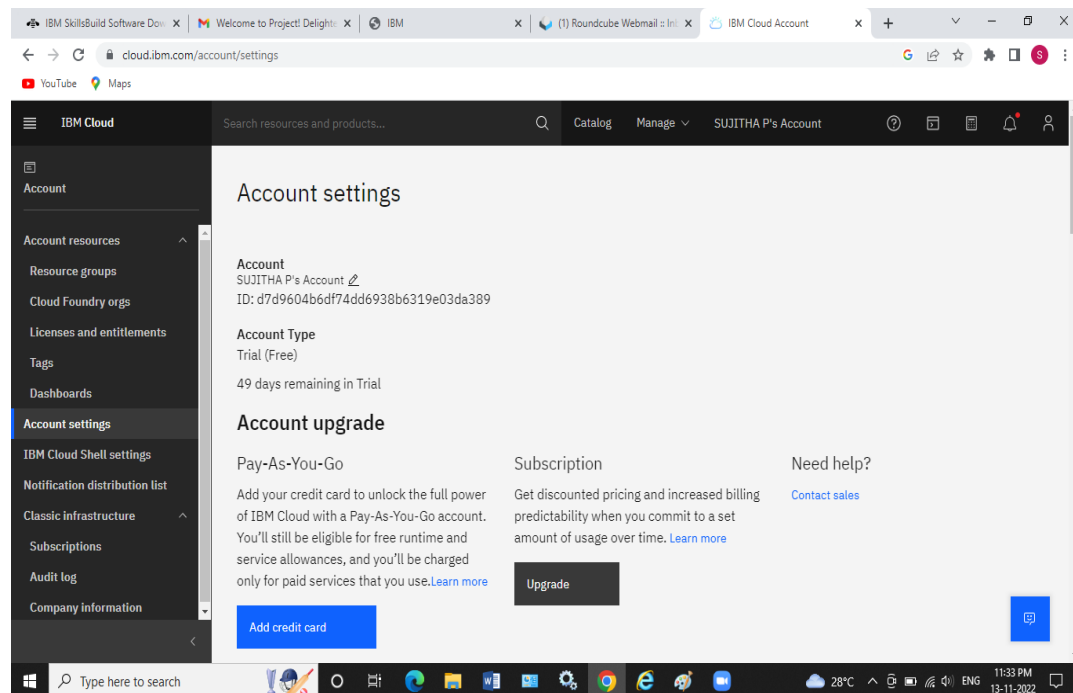
### Cloudant DB

Date	28 October 2022
Team ID	PNT2022TMID10706
Team Leader	Sujitha P (4211191021098)
Team Member	Swedha M (4211191021101), Swetha P (4211191021102), Yamini P (4211191021118).
Project Name	Intelligent Vehicle Damage Assessment & Cost Estimator for Insurance Companies.

## Register & Login To IBM Cloud:



The screenshot shows the IBM Cloud Dashboard in a web browser. The browser's address bar displays 'cloud.ibm.com'. The dashboard header includes the IBM Cloud logo, a search bar, and navigation links for 'Catalog', 'Manage', and 'SUJITHA P's Account'. The main content area is titled 'Dashboard' and features a 'For you' section with several recommended actions: 'Build' (Explore IBM Cloud with this selection of easy starter tutorials and services), 'Build a web app with Watson Speech to Text' (Deploy a conversational interface compatible with any application, device, or channel), 'Get Started with Watson Studio' (Get started with using AI and Cloud Object Storage in 15 minutes), 'Build a Virtual Private Cloud (VPC)' (Upgrade to a paid account to create your own protected space in the IBM Cloud), 'IBM Watson Internet of Things Platform' (Communicate with connected devices, monitor and analyze data in real time, connect your own IoT apps and add Watson AI to the solution), and 'IBM Watson Catalog' (Help you easily find data that underpins your enterprise governance). Below the 'For you' section, there are four cards: 'User access' (Manage users), 'News' (WebSphere Application Server Support Restatement), 'Planned maintenance' (View), and 'View all'. The bottom of the dashboard shows a Windows taskbar with various application icons and a system tray displaying the date and time as 11:32 PM on 13-11-2022.



The screenshot shows the IBM Cloud Account settings page. The browser's address bar displays 'cloud.ibm.com/account/settings'. The page header includes the IBM Cloud logo, a search bar, and navigation links for 'Catalog', 'Manage', and 'SUJITHA P's Account'. The left sidebar contains a list of account-related settings: 'Account', 'Account resources', 'Resource groups', 'Cloud Foundry orgs', 'Licenses and entitlements', 'Tags', 'Dashboards', 'Account settings' (selected), 'IBM Cloud Shell settings', 'Notification distribution list', 'Classic infrastructure', 'Subscriptions', 'Audit log', and 'Company information'. The main content area is titled 'Account settings' and displays the following information: 'Account' (SUJITHA P's Account, ID: d7d9604b6d74dd6938b6319e03da389), 'Account Type' (Trial (Free), 49 days remaining in Trial), 'Account upgrade' (Pay-As-You-Go, Subscription, Need help?), and 'Add credit card' (Add credit card). The bottom of the page shows a Windows taskbar with various application icons and a system tray displaying the date and time as 11:33 PM on 13-11-2022.

## Create Service Instance :

### Step1:

The screenshot shows the IBM Cloud catalog page for Cloudant. The browser tabs include 'IBM SkillsBuild Software', 'Welcome to Project!', 'IBM', '(1) Roundcube Webmail', 'Cloudant - IBM Cloud', and 'Downloads'. The address bar shows 'cloud.ibm.com/catalog/services/cloudant'. The page header includes the IBM Cloud logo, a search bar, and navigation links for 'Catalog', 'Manage', and 'SUJITHA P's Account'. A blue banner at the top reads: 'Get started on Cloudant with 600 USD in cloud credits. Apply code CLOUDANTFREE600 to get started now.' 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. To the right, a 'Summary' panel lists the 'Cloudant Lite' plan, which is free and includes 20 Reads/sec, 10 Writes/sec, 5 Global Queries/sec, and 1 GB Storage. At the bottom of the 'Create' section, there are buttons for 'Create' and 'Add to estimate'.

### Step2:

The screenshot shows the IBM Cloud configuration page for Cloudant. The browser tabs and address bar are the same as in Step 1. The page header is also the same. The main content area is titled 'Configure Cloudant instance'. It includes a dropdown for 'Available regions' set to 'Sydney'. Below this, there are fields for 'Instance name' (set to 'Cloudant-8a') and 'Resource group' (set to 'Default'). There is a 'Tags' section with a text input field containing 'Examples: env:dev, version-1'. The 'Authentication method' is set to 'IAM'. At the bottom, there are two radio buttons for 'Plan': 'Lite' (selected) and 'Standard'. To the right, the 'Summary' panel is the same as in Step 1, showing the 'Cloudant Lite' plan. At the bottom of the configuration section, there are buttons for 'Create' and 'Add to estimate'.

## Creating Service Credentials:

### Step1:

The screenshot shows the IBM Cloud 'Resource list' page. The browser address bar displays 'cloud.ibm.com/resources'. The page header includes the IBM Cloud logo, a search bar, and navigation links for 'Catalog', 'Manage', and 'SUJITHA P's Account'. The main content area is titled 'Resource list' and features a 'Create resource' button. Below the title is a table with columns: Name, Group, Location, Product, Status, and Tags. The table is currently empty, with filter boxes for each column. A sidebar on the left lists various resource categories: Compute (0), Containers (0), Networking (0), Storage (0), AI / Machine Learning (0), Analytics (0), Blockchain (0), Databases (1), Cloudant-4a, Developer tools (0), and Logging and monitoring (0). The 'Cloudant-4a' resource is highlighted. The Windows taskbar at the bottom shows the system clock as 11:46 PM on 13-11-2022.

### Step2:

The screenshot shows the IBM Cloud 'Service Details' page for 'Cloudant-4a'. The browser address bar displays a long URL. The page header is consistent with the previous screenshot. The main content area is titled 'Cloudant-4a' and shows the resource is 'Active'. A 'Create credential' dialog box is open in the center of the screen. The dialog has a 'Name' field containing 'Service credentials-1', a 'Role' dropdown menu set to 'Manager', and an 'Advanced options' link. At the bottom of the dialog are 'Cancel' and 'Add' buttons. The background page shows a sidebar with 'Service credentials' selected and a 'New credential' button. The Windows taskbar at the bottom shows the system clock as 11:48 PM on 13-11-2022.

### Step3:

The screenshot shows the IBM Cloud console interface. The top navigation bar includes the IBM logo, a search bar, and links for 'Catalog', 'Manage', and 'SUJITHA P's Account'. The main content area is titled 'Cloudant-4a' with a status of 'Active'. On the left, a sidebar shows 'Manage' with options for 'Service credentials', 'Plan', and 'Connections'. The 'Service credentials' section is active, displaying a table with one entry: 'Service credentials-1' created on '2022-11-13 11:48 PM'. A 'New credential' button is visible in the top right of the table area.

Key name	Date created
Service credentials-1	2022-11-13 11:48 PM

### Step4:

This screenshot shows the same IBM Cloud console interface as Step 3, but with the details of 'Service credentials-1' expanded. The JSON data is displayed in a text area, showing the API key, host, and other configuration details for the service.

```
{
  "apikey": "oPnbSondoj6pE8X-k_wmL7B336Vh6r421ZZFvHaacT90",
  "host": "07a00f75-be5b-46aa-9c5b-467282fefa85-bluemix.cloudantnosqldb.appdomain.cloud",
  "iam_apikey_description": "Auto-generated for key crn:v1:bluemix:public:cloudantnosqldb:eu-gb:a/d7d9604b6df74dd6938b6319e03da389:832236b8-6d25-4b73-aa06-fd7e6df6c4df:resource-key:a46e7667-4303-4f14-ba6d-67bca6b7486b",
  "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/d7d9604b6df74dd6938b6319e03da389:serviceid:ServiceId-e2bc3e7b-9800-454b-ba2f-b959ef21d29c",
  "url": "https://07a00f75-be5b-46aa-9c5b-467282fefa85-bluemix.cloudantnosqldb.appdomain.cloud",
  "username": "07a00f75-be5b-46aa-9c5b-467282fefa85-bluemix"
}
```

## Launch Cloudant DB:

### Step1:

The screenshot shows the IBM Cloud console interface. The top navigation bar includes the IBM Cloud logo, a search bar, and user account information (SUJITHA P's Account). The main content area displays the 'Cloudant-4a' resource, which is 'Active'. The 'Manage' tab is selected, showing 'Deployment details'. The details include:

- CRN:** crn:v1:bluemix:public:cloudantnosqldb:eu-gb:a/d7d9604b6df74dd6938b6319e03da389:832236b8-6d25-4b73-aa06-fd7e6df6c4df::
- Location:** London
- External endpoint:** <https://07a00f75-be5b-46aa-9c5b-467282fefa85-bluemix.cloudant.com>
- External endpoint (preferred):** <https://07a00f75-be5b-46aa-9c5b-467282fefa85-bluemix.cloudantnosqldb.appdomain.cloud>
- Authentication methods:** [IBM Cloud IAM](#)

At the bottom, 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 details panel.

### Step2:

The screenshot shows the Cloudant Dashboard interface. The top navigation bar includes the 'Database name' dropdown, 'Create Database' button, and icons for JSON, REST API, and notifications. The main content area displays the 'Databases' section, which is currently empty. The table has the following columns: Name, Size, # of Docs, Partitioned, and Actions. The status at the bottom indicates 'Showing 1-0 of 0 databases. Databases per page: 20'.

# Create Database

IBM SkillsBuild S...

Welcome to Proj...

IBM

(1) Roundcube W...

Service Details -

Cloudant Dashbo...

Downloads

07a00f75-be5b-46aa-9c5b-467282fe8a85-bluemix.cloudant.com/dashboard.html#database/damage\_vehicle/\_all\_docs

YouTube Maps

damage\_vehicle

Document ID

Options

{ } JSON

All Documents

Query


Permissions

Changes

Design Documents

Log Out


Create Document



No Documents Found

Showing 0 documents. Documents per page: 20

Type here to search



11:52 PM  
13-11-2022

