

**Create And Configure IBM Cloud  
Service      Create   A   Database in  
Cloudant DB**

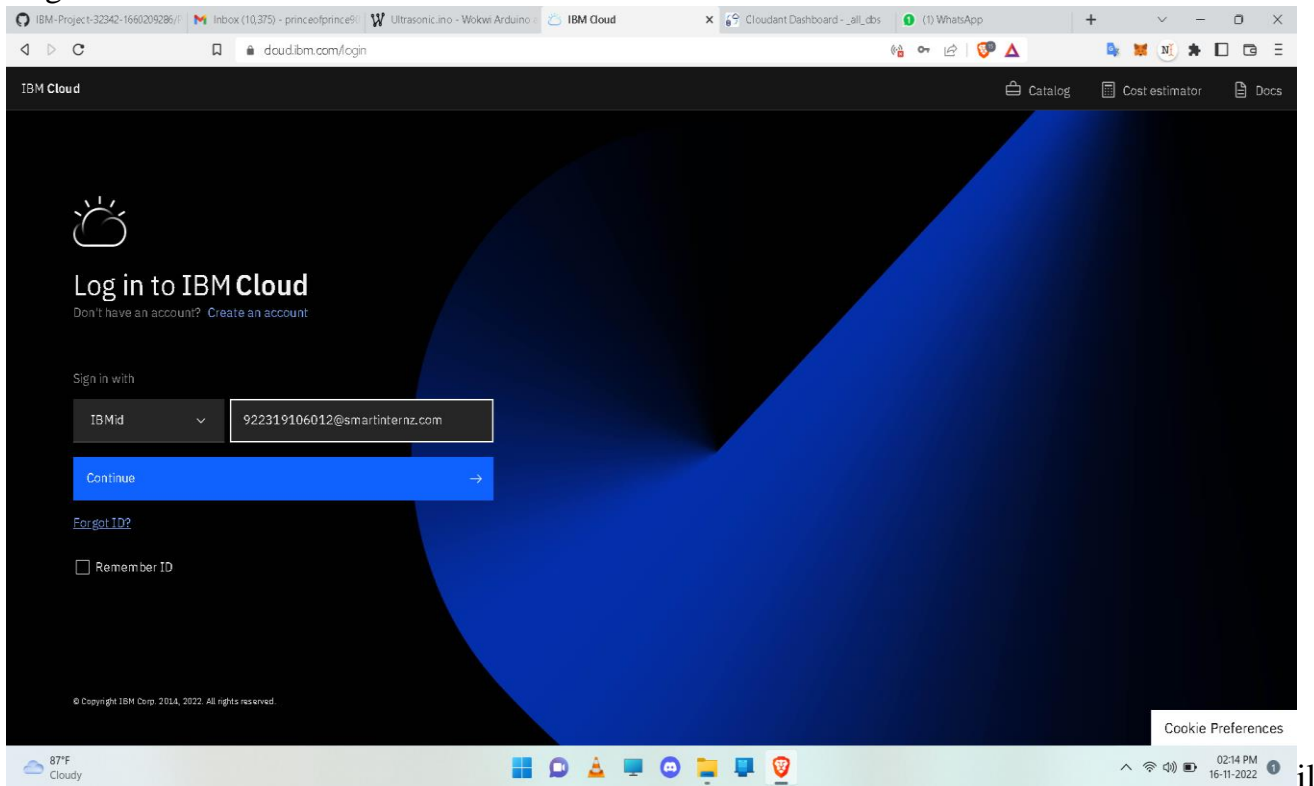
<b>Date</b>	<b>16 November 2022</b>
<b>Team ID</b>	<b>PNT2022TMID49271</b>
<b>Project Name</b>	<b>IoT Based Safety Gadget For Child Safety Monitoring &amp; Notification</b>
<b>Maximum Marks</b>	<b>4 Marks</b>

**AIM**

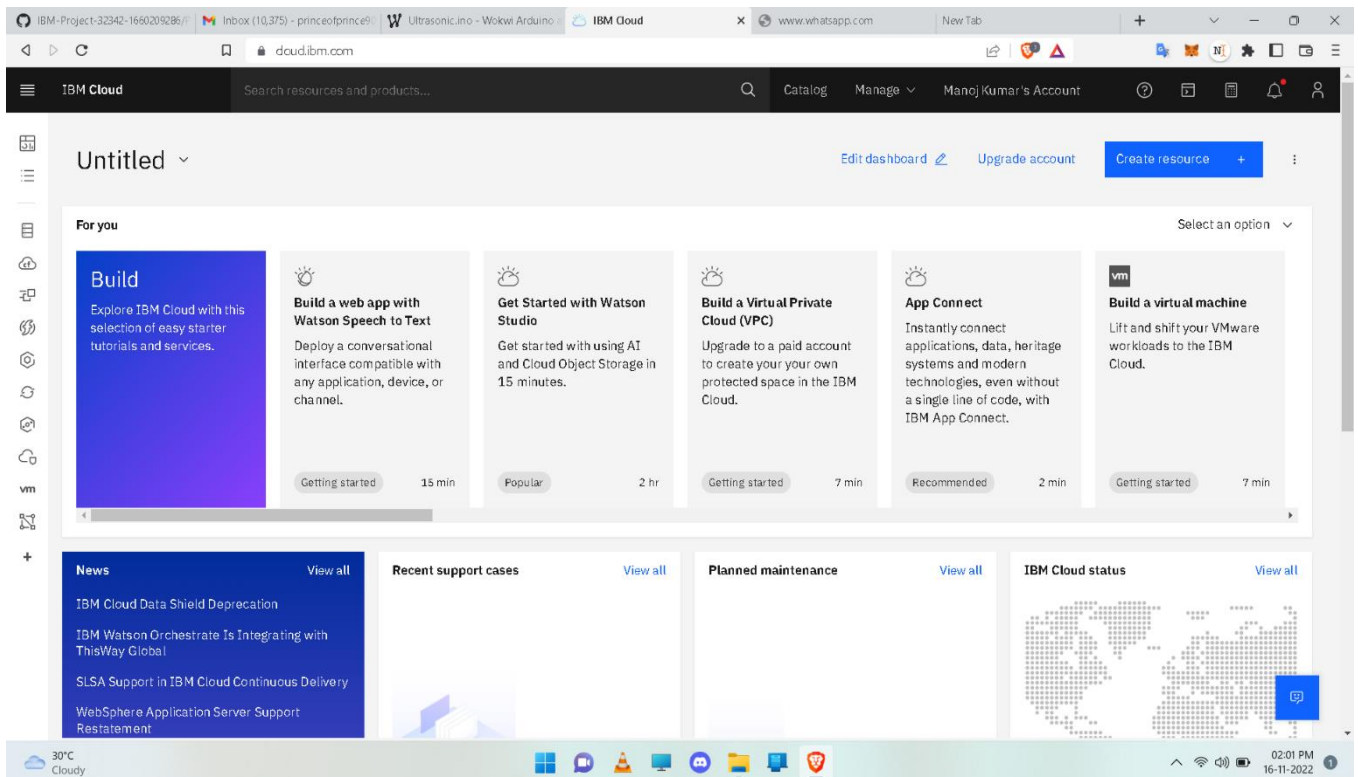
To create a database in Cloudant DB to store location data

**STEPS**

## 1. Login to IBM Cloud with smartinternz mail- ID and Password.



## 2. Click “Create Resource +” button



### 3. Search Cloudant in Catalog then Choose the Lite version

The screenshot shows the IBM Cloud Catalog interface. At the top, there's a navigation bar with 'IBM Cloud' and a search bar. Below it, a banner promotes getting started with 600 USD in cloud credits using code CLOUDANTFREE600. The main content area is titled 'Cloudant' and describes it as a scalable JSON document database. There are two tabs: 'Create' and 'About'. Under 'Create', there's a section 'Select an offering' with a single option 'Cloudant'. Below that, 'Select an environment' shows 'Multitenant' as the selected option. On the right, a 'Summary' panel lists the 'Cloudant Lite' plan as 'Free' with details: 20 Reads/sec, 10 Writes/sec, 5 Global Queries/sec, and 1 GB Storage. At the bottom of the summary panel are 'Create' and 'Add to estimate' buttons. The bottom of the browser window shows a taskbar with various icons and a system tray indicating 30°C Cloudy and the time 02:03 PM on 16-11-2022.

### 4. Click on launch Dashboard

The screenshot shows the 'Service Details' page for 'Cloudant-8p' in the IBM Cloud console. The page has a left sidebar with 'Manage' selected, showing options for 'Service credentials', 'Plan', and 'Connections'. The main area has tabs for 'Overview', 'Capacity', and 'Docs'. The 'Overview' tab is active, displaying 'Deployment details' and 'Capacity details'. The 'Deployment details' section includes fields for 'CRN', 'Location' (Sydney), 'External endpoint', 'External endpoint (preferred)', 'Authentication methods' (IBM Cloud IAM), 'Activity Tracker event types', and 'Disk encryption'. The 'Capacity details' section is partially visible at the bottom. A 'Launch Dashboard' button is located in the top right corner of the main content area. The bottom of the browser window shows a taskbar with various icons and a system tray indicating 30°C Cloudy and the time 02:05 PM on 16-11-2022.

5. Click “Create Database”. Entered “child\_safety” as the database name and the “Non-partitioned” option.

6. The database “child\_safety” has been created and it's

The screenshot displays the Cloudbant Dashboard interface. The main section is titled 'Databases' and shows a table of 'Your Databases'. The table has the following data:

Name	Size	# of Docs	Partitioned	Actions
child_safety	0 bytes	0	No	[Icons for edit, delete, and other actions]

The interface also includes a sidebar with navigation icons, a top bar with a search bar and 'Create Database' button, and a bottom status bar showing weather (30°C Cloudy) and system time (02:07 PM 16-11-2022).

work Successfully

## RESULT:

A database to store the location data on Cloudbant DataBase has been created successfully.

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