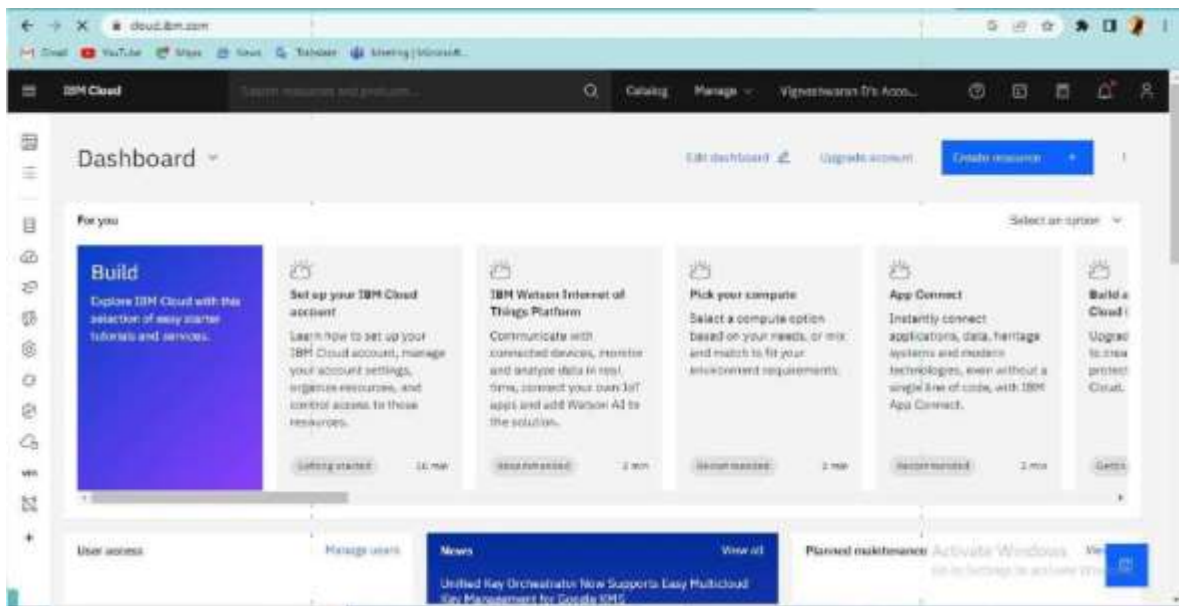


## Create A Database In Cloudant DB

|              |   |
|--------------|---|
| Date         | 01 October 2022                                   |
| Team ID      | PNT2022TMID15011                                  |
| Project Name | Project –IOT based smart Crops protection system. |

– To create a database in Cloudant DB to store location dataSteps:

1. Login to IBM Cloud account
2. Click“ Create Resource+”button



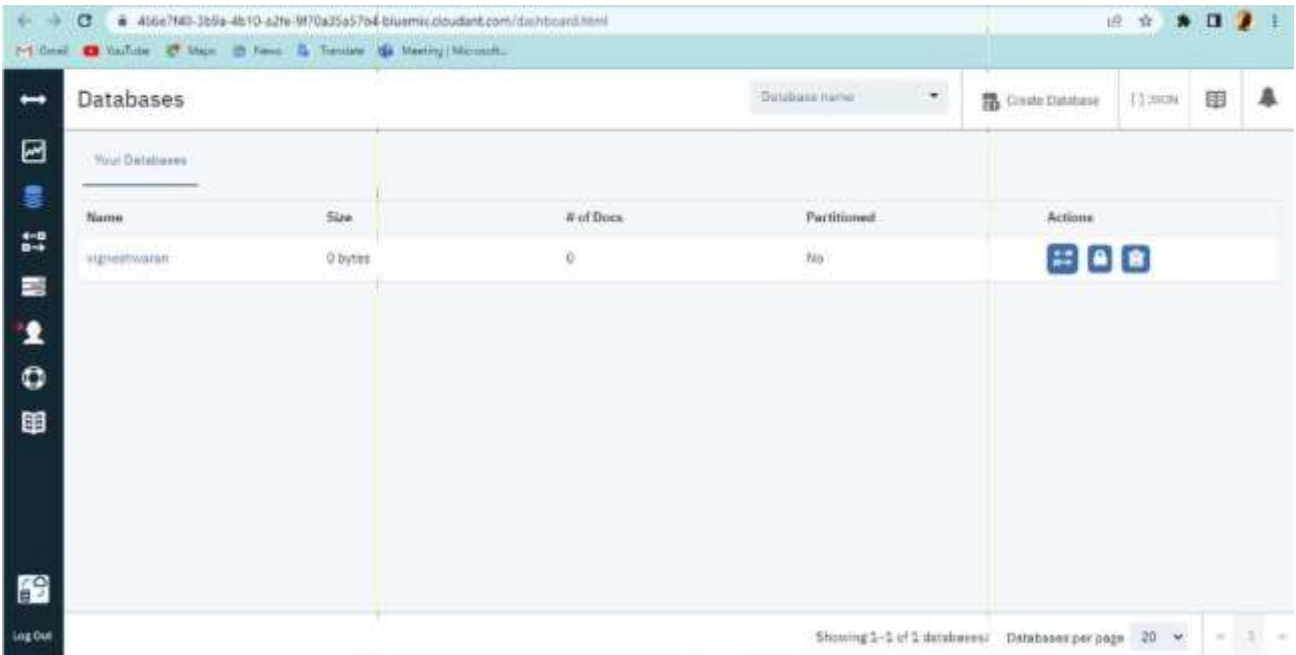
3. Search for “Cloudant”
4. Choose the“ Lite Version”
5. Click on “ Create”

The screenshot displays the IBM Cloud console interface. At the top, the header shows 'IBM Cloud', a search bar, and navigation links for 'Catalog', 'Manage', and 'Vigneshwaran D'. The main content area is titled 'Resource list / Cloudbant-9e' and includes a status indicator 'Active' and a link to 'Add tags'. The 'Manage' tab is selected, showing a sidebar with 'Service credentials', 'Plan', and 'Connections'. The 'Overview' tab is active, displaying 'Deployment details' for the 'Cloudbant-9e' resource. The details include the CRN, Location (London), External endpoint, External endpoint (preferred), and Authentication method (IBM Cloud IAM). Below the details, there is a section for 'Activity Tracker event types' with a 'Management' dropdown and a 'Save' button. On the right, there is a 'Launch Dashboard' button. The bottom of the screen shows a 'Cloudbant Lite' pricing page with a table comparing 'Life' and 'Standard' plans. The 'Life' plan is priced at \$15.00/month, and the 'Standard' plan is priced at \$15.00/month. The table also shows the number of nodes and storage for each plan. A 'Create' button is visible at the bottom right of the pricing page.

| Plan    | Life          | Standard      |
|---------|---------------|---------------|
| Price   | \$15.00/month | \$15.00/month |
| Nodes   | 20            | 10            |
| Storage | 1 TB          | 1 TB          |

6.The Cloudbant database resource created

7. Click on launch dashboard



8. Click “Create Database”. Entered “Brijesh” as the database name and the “Non-partitioned” option

9. The database “Brijesh” has been created.

### **Conclusion:**

A database to store the location data on Cloud and Database has been created successfully.