

Project Development Phase

Sprint – 3

Cloud:

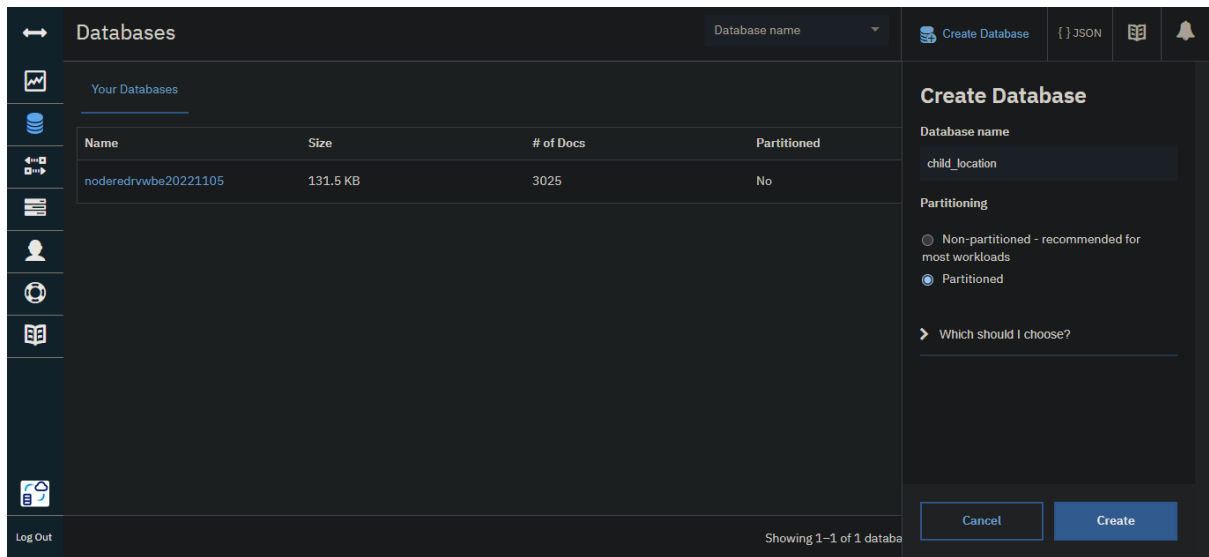
USN – 6: The child's locations are stored in cloud.

- Launching Cloudant DB

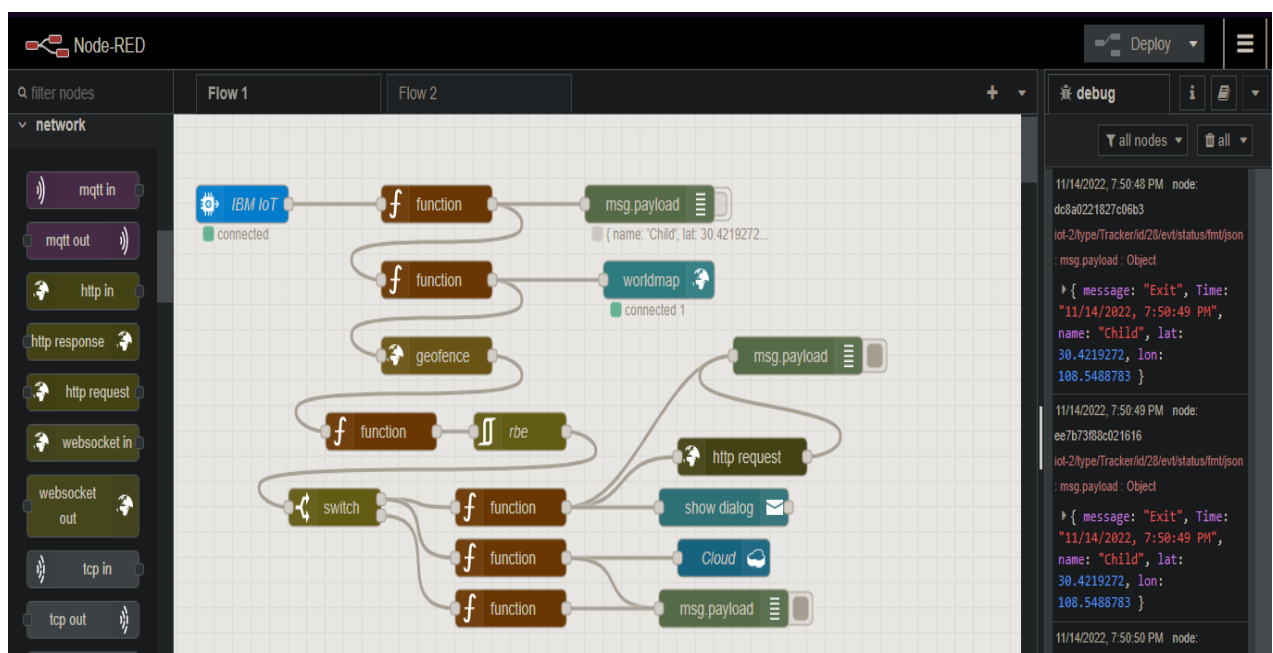
The screenshot shows the Cloudant Databases management interface. At the top, there's a header with the title 'Databases', a search bar labeled 'Database name', and buttons for 'Create Database', 'JSON', and a notification bell. Below the header, the main area is titled 'Your Databases'. It contains a table with the following columns: 'Name', 'Size', '# of Docs', 'Partitioned', and 'Actions'. There is one database listed: 'noderedrvwbe20221105' with a size of '131.5 KB', 3025 documents, and it is not partitioned. The 'Actions' column for this database shows three icons: a refresh icon, a lock icon, and a delete icon. On the left side, there is a vertical sidebar with various icons for navigation. At the bottom, there's a footer with a 'Log Out' button on the left and pagination information on the right: 'Showing 1-1 of 1 databases. Databases per page 20' followed by navigation arrows and the number '1'.

Name	Size	# of Docs	Partitioned	Actions
noderedrvwbe20221105	131.5 KB	3025	No	

- Creating new database.



- If the child crosses the geofence the child's location is stored in the cloudant DB.



The screenshot shows a web application interface for managing documents. The top navigation bar includes a back arrow, the text 'child_location', and a 'Document ID' dropdown. The left sidebar contains icons for 'All Documents', 'Query', 'Permissions', 'Changes', 'Design Documents', and 'Log Out'. The main content area displays a table of documents with columns: Time, _id, lat, lon, and message. Two documents are visible, both with a message of 'Exit'. The bottom status bar indicates 'Showing 5 of 7 columns', 'Showing document 1 - 2', and 'Documents per page: 20'.

Time	_id	lat	lon	message
11/14/2022, 7:49:0...	88546892f62b6ca3...	30.4219272	108.5488783	Exit
11/14/2022, 7:50:4...	dfb6fa00869bc599e...	30.4219272	108.5488783	Exit

- Child's location details.

The screenshot shows the details of a specific document in the same application. The top navigation bar displays the document's path 'child_location > 88546892f62b6ca39066ae8ced65d2b8' and icons for JSON, document, and notifications. The left sidebar is identical to the first screenshot. The main content area shows a 'Save Changes' button and a 'Cancel' button. Below these are buttons for 'Upload Attachment', 'Clone Document', and 'Delete'. The document's JSON data is displayed in a code editor, showing fields for _id, _rev, message, Time, name, lat, and lon.

```

1 {
2   "_id": "88546892f62b6ca39066ae8ced65d2b8",
3   "_rev": "1-8a4e9ff0afee0dfc17ba6227b4295929",
4   "message": "Exit",
5   "Time": "11/14/2022, 7:49:02 PM",
6   "name": "Child",
7   "lat": 30.4219272,
8   "lon": 108.5488783
9 }

```