

# **PANIMALAR ENGINEERING COLLEGE**

IOT BASED SAFETY GADGET FOR CHILD SAFETY MONITORING AND NOTIFICATION

## **Project Development –Delivery of Sprint 3**

### **Creating Cloudant DB and connecting to Node-Red**

#### **Create App in MIT App inventor**

<b>TITLE</b>	IOT based child safety gadget for child safety monitoring and notification
<b>DOMAIN NAME</b>	INTERNET OF THINGS
<b>TEAM ID</b>	PNT2022TMID01082
<b>TEAM LEADERNAME</b>	B MUKKESH
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## CREATING CLOUDANT DB:

The screenshot shows the Cloudant NoSQL Database interface. On the left is a dark sidebar with various icons for database management. The main area is titled "Databases" and contains a table titled "Your Databases". The table has columns: Name, Size, # of Docs, Partitioned, and Actions. Two databases are listed: "childsafe" (0.6 MB, 15767 docs, No partitioning) and "noderedknnqv20221107" (34.3 KB, 4 docs, No partitioning). Each database row has a set of three icons for actions: a double arrow (replica), a lock, and a trash can. At the bottom right of the table, it says "Showing 1–2 of 2 databases. Databases per page: 20".

The screenshot shows the "childsafe" database details page. The left sidebar is identical to the previous screenshot. The main area shows the "All Documents" tab selected. It includes a toolbar with "Table", "Metadata", and "JSON" buttons, and a "Create Document" button. Below is a table with columns: id, key, and value. The table lists 20 documents. The "value" column shows JSON objects for each document. At the bottom right, it says "Showing document 1 - 20. Documents per page: 20".

id	key	value
000245d59da9ac61433e5f634f20f9...	000245d59da9ac61433e5f634f20f9...	{"rev": "1-e6b811f57ea970b95eac7..."}
000245d59da9ac61433e5f634f213...	000245d59da9ac61433e5f634f213...	{"rev": "1-5bd67a9dd5077c26203e..."}
000245d59da9ac61433e5f634f7df	000245d59da9ac61433e5f634f7df	{"rev": "1-ffedff57c99ea860cde31c3..."}
000245d59da9ac61433e5f634f506...	000245d59da9ac61433e5f634f506...	{"rev": "1-57b844b01fae28e70630e..."}
000245d59da9ac61433e5f634f508...	000245d59da9ac61433e5f634f508...	{"rev": "1-83bacc72c450f237855a7..."}
000245d59da9ac61433e5f634f50f5...	000245d59da9ac61433e5f634f50f5...	{"rev": "1-452b9a0e1fe9db26c9264..."}
000245d59da9ac61433e5f634f512...	000245d59da9ac61433e5f634f512...	{"rev": "1-476cd41ad5e8c74f5b2c6..."}
000245d59da9ac61433e5f634f514...	000245d59da9ac61433e5f634f514...	{"rev": "1-38b023705962b5ee4cdaf..."}
000245d59da9ac61433e5f634f51d...	000245d59da9ac61433e5f634f51d...	{"rev": "1-83bacc72c450f237855a7..."}
00078610ea6fd9b443a4b58549619...	00078610ea6fd9b443a4b58549619...	{"rev": "1-476cd41ad5e8c74f5b2c6..."}

# Node-Red Service with Clodant DB:

## Create App in MIT app inventor:





