

# Project Development – Sprint 4

Iot Based Safety For Child Safety Monitoring & Notification

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Creating Cloudant DB and integrating Node-Red with the Web UI

Create Cloudant DB:

The screenshot displays the Cloudant Databases management interface. On the left is a dark sidebar with navigation icons and a 'Log Out' button at the bottom. The main area is titled 'Databases' and includes a search bar for 'Database name', a 'Create Database' button, and icons for JSON, a document, and a notification bell. Below the header, a table lists the databases. The table has columns for Name, Size, # of Docs, Partitioned, and Actions. Two databases are listed: 'noderedxvqyc20221018' (30.6 KB, 4 docs) and 'tracker' (0.9 KB, 8 docs). Each database row has three action icons: a double-headed arrow, a lock, and a trash can. At the bottom right, a status bar indicates 'Showing 1–2 of 2 databases.' and a 'Databases per page' dropdown set to 20.

Name	Size	# of Docs	Partitioned	Actions
noderedxvqyc20221018	30.6 KB	4	No	
tracker	0.9 KB	8	No	

←

tracker

⋮

Document ID

Options

{ } JSON

🔔

All Documents

Query

Permissions

Changes

Design Documents

Table

Metadata

{ } JSON

Create Document

	id	key	value
<input type="checkbox"/>	243c8d3c82321defd52d973b3850c5...	243c8d3c82321defd52d973b3850c5...	{ "rev": "1-1be28f38f381cb71781bb8...
<input type="checkbox"/>	3c5831168e309478fe65f3271ee4f7a3	3c5831168e309478fe65f3271ee4f7a3	{ "rev": "1-d29f8b3aa06ac3dbc505a6...
<input type="checkbox"/>	4cc89929b02fd4c89952dee2b22a93...	4cc89929b02fd4c89952dee2b22a93...	{ "rev": "1-db8d15522b93488c03e80...
<input type="checkbox"/>	4e1c9642039d888de745618b166f8...	4e1c9642039d888de745618b166f8...	{ "rev": "1-ac6b5b0e78a9127c524ca...
<input type="checkbox"/>	59701335fcb58f8a32a115d07cc637fa	59701335fcb58f8a32a115d07cc637fa	{ "rev": "1-0f158b6e4dfd987bd9a3c...
<input type="checkbox"/>	a540e8c2ea76492b3f8f63aad920aa7e	a540e8c2ea76492b3f8f63aad920aa7e	{ "rev": "1-2c477f293ce3f69eba...
<input type="checkbox"/>	df30687c4a21e2f76d40b7257aa278...	df30687c4a21e2f76d40b7257aa278...	{ "rev": "1-e658fb3d010c611ef17fae...
<input type="checkbox"/>	f293c3bd3be052d89fb1b8320526b2...	f293c3bd3be052d89fb1b8320526b2...	{ "rev": "1-9aec245bf9e918af2261c5...

Showing document 1 - 8.

Documents per page: 30

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## Node-Red Service IN Area:

filter nodes

common

inject

debug

complete

catch

status

link in

link call

link out

comment

function

function

Flow 1

Flow 2

function 1

function 2

function 3

function 4

function 5

function 6

switch

geofence

worldmap

msg.payload

http request

show dialog

child

msg.payload

msg.payload

msg.payload

debug

all nodes

all

11/17/2022, 5:52:20 PM node: 819393e85eda1982

iot-2/type/safetygad/igad1/evt/status/fmi/json :

msg.payload : Object

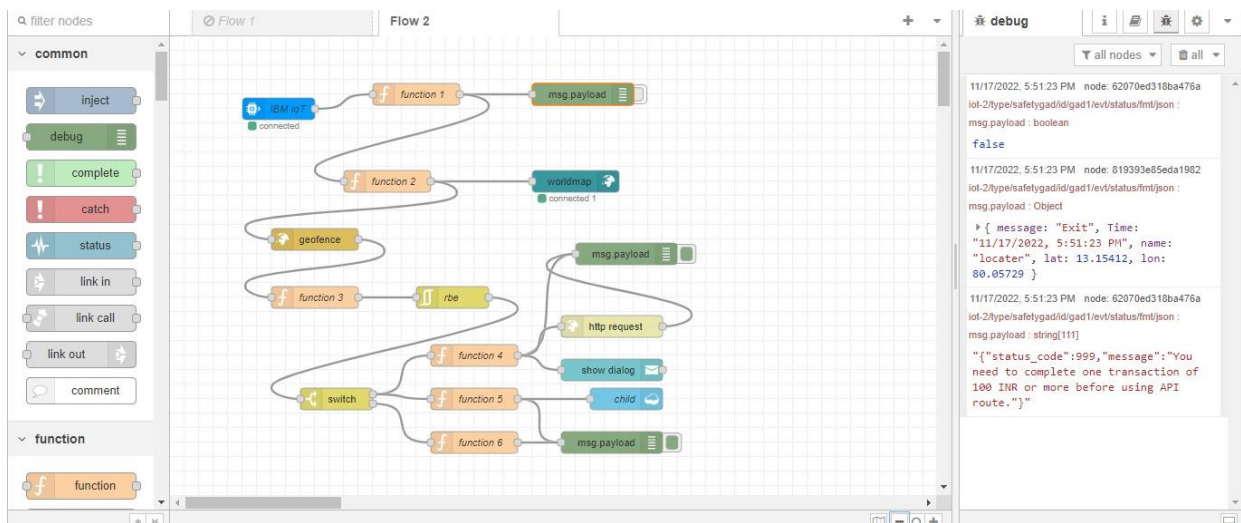
» { message: "Entry", Time:

"11/17/2022, 5:52:21 PM", name:

"locator", lat: 13.145997614532394,

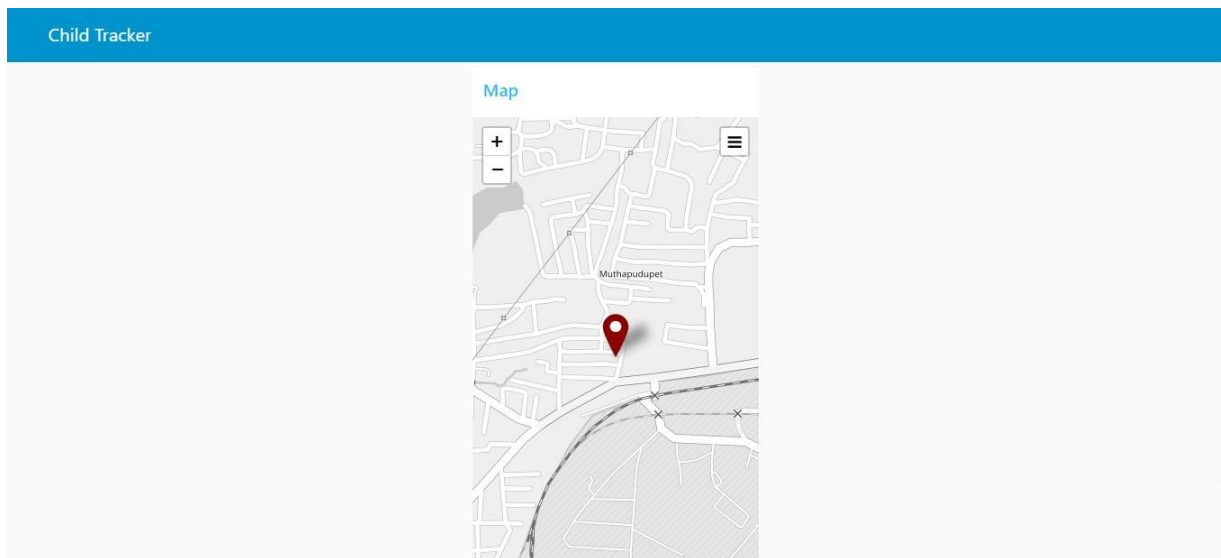
lon: 80.0619303452179 }

## Node-Red Service OUT Area:



## Node-Red Dashboard(Web UI):

### IN Area



## OUT Area

