

Safety Gadget for Child Safety Monitoring and Notification

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Project Development –Delivery of Sprint 3
Creating Cloudant DB and connecting to Node-Red
Create App in MIT App inventor

TITLE	IOT based child safety gadget for child safety monitoring and notification
DOMAIN NAME	INTERNET OF THINGS
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Create Cloudant DB:

372abdd0-20b2-4719-9ebb-e33ec675bf9d-bluemix.cloudant.com/dashboard.html

Databases







Database name

Create Database

{ } JSON

Log Out

Your Databases

Name	Size	# of Docs	Partitioned	Actions
childsafety	0.6 MB	15767	No	  
noderedknnqv20221107	34.3 KB	4	No	  

Showing 1-2 of 2 databases. Databases per page: 20

372abdd0-20b2-4719-9ebb-e33ec675bf9d-bluemix.cloudant.com/dashboard.html#database/childsafety/_all_docs

childsafety

Document ID

Options

{ } JSON

Log Out

All Documents











Query

Permissions

Changes

Design Documents

Create Document

id	key	value
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Showing document 1 - 20. Documents per page: 20

Node-Red Service with Clodant DB:

The screenshot shows the Node-RED web interface in a browser. The main workspace displays a flow named 'Flow 1'. It starts with an 'IBM IoT' node connected to a 'worldmap' node. The flow then branches into several parallel paths, each representing a different sensor or data source. These paths include nodes for 'child safety', 'temp', 'temp_status', 'latitude', 'your_child_zone', and 'longitude'. Each path ends with a 'msg.payload' node, which is then connected to a 'gauge' or 'temp_status' node. The right sidebar shows the 'debug' console with a list of messages received from the IoT nodes, including timestamps, node IDs, and JSON payloads containing sensor data like temperature, latitude, and longitude.

Create App in MIT app inventor:

The screenshot shows the MIT App Inventor web interface. The central canvas displays a mobile app design for a smartphone. The app has a blue background with a 'WELCOME' message at the top. Below the message, there is a map showing a location with a red pin. The app also features a 'MY CHILD SAFETY' button and a 'WELCOME' button. The left sidebar shows the 'User Interface' palette with various components like Button, CheckBox, DatePicker, Image, Label, ListPicker, ListView, Notifier, PasswordTextBox, Slider, Spinner, Switch, TextBox, TimePicker, and WebViewer. The right sidebar shows the 'Properties' panel for the selected component, with settings for AccentColor, AlignHorizontal, AlignVertical, AppName, BackgroundColor, BackgroundImage, BigDefaultText, BlocksToolkit, CloseScreenAnimation, DefaultFileScope, HighContrast, and Icon. The bottom status bar shows the time as 10:46 PM on 11/10/2022.

