

Safety Gadget for Child Safety Monitoring and Notification

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

Date	19 November 2022
Team ID	PNT2022TMID32392
Project Name	IOT Based Safety Gadget for Child Safety Monitoring & Notification







Create Cloudant DB:

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

Database name Create Database {} JSON

Databases

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 1

Log Out

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

childsafety Document ID Options {} JSON

All Documents Query Permissions Changes Design Documents

☐

	id	key	value
<input type="checkbox"/>	000245d59da9ac61433e5f634f20f9...	000245d59da9ac61433e5f634f20f9...	{ "rev": "1-e6b811f57ea970b95eac7...
<input type="checkbox"/>	000245d59da9ac61433e5f634f213...	000245d59da9ac61433e5f634f213...	{ "rev": "1-5bd67a9dd5077c26203e...
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Showing document 1 - 20. Documents per page: 20

Log Out

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'. The flow starts with an 'IBM IoT' node (connected). It branches into several function nodes: 'function', 'temp', 'temp_status', 'latitude', 'your_child_zone', and 'longitude'. Each function node is connected to a corresponding gauge or display node: 'Child name', 'Temperature', 'temp_status', 'Latitude', 'Child Zone', and 'Longitude'. A 'worldmap' node is also connected to the 'longitude' function node. The right sidebar shows the 'debug' console with log messages from the IoT node, including temperature, latitude, and longitude data for a child named 'Child'.

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 'WELCOME' screen with a background image of a hand holding a smartphone showing a map. The interface includes a 'User Interface' panel on the left with various UI components like Button, CheckBox, DatePicker, Image, Label, ListPicker, ListView, Notifier, PasswordTextBox, Slider, Spinner, Switch, TextBox, TimePicker, and WebViewer. The right panel shows the 'AboutScreen' properties, including 'AccentColor', 'AlignHorizontal', 'AlignVertical', 'AppName', 'BackgroundColor', 'BackgroundImage', 'BigDefaultText', 'BlocksToolkit', 'CloseScreenAnimation', 'DefaultFileScope', 'HighContrast', and 'Icon'. The bottom status bar shows the phone size as 505,320 and the time as 10:46 PM on 11/10/2022.

