



**GOVERNMENT COLLEGE OF ENGINEERING**

**BODINAYAKKANUR, THENI**

# **Safety Gadget for Child Safety Monitoring and Notification**

**IBM NALAIYATHIRAN**

**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>	PNT2022TMID49428
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<b>MENTOR NAME</b>	BARADWAJ

# Create Cloudant DB:

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Databases

Database name

Create Database

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Your Databases

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

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## 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 parallel paths, each consisting of a function node followed by a specific data node: 'Child name', 'Temperature', 'temp\_status', 'Latitude', 'Child Zone', 'Longitude', and 'worldmap'. Each of these data nodes is connected to a corresponding 'gauge' or 'worldmap' node. The right sidebar shows the 'debug' console with several log entries, including JSON payloads for child location and temperature data. The bottom of the screen shows a Windows taskbar with various application icons.

## 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 'WELCOME' screen. The design features a blue background with a hand holding a smartphone showing a map. The left sidebar lists various UI components like Button, CheckBox, DatePicker, Image, Label, ListPicker, ListView, Notifier, PasswordTextBox, Slider, Spinner, Switch, TextBox, TimePicker, and WebViewer. The right sidebar shows the 'AboutScreen' properties, including AccentColor, AlignHorizontal, AlignVertical, AppName, BackgroundColor, BackgroundImage, BigDefaultText, BlocksToolkit, CloseScreenAnimation, DefaultFileScope, HighContrast, and Icon. The bottom of the screen shows a Windows taskbar with various application icons.



