

## Delivery Phase

### Sprint 3

Date	12 Nov 2022
Team Id	PNT2022TMID34780
Team Members	Lijish Wilson S (lead) Ashish A L Ajith B Akilan K Shan Pieo Wesley A
Project	Project – IoT Based Safety Gadget For Child Safety Monitoring & Notification

## Create Cloudant DB:

← →

Database name

Create Database

{ } JSON

Your Databases

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

Showing 1–2 of 2 databases. Databases per page 20

« 1 »

Log Out

childrensafety
Document ID ▾
 Options
{ } JSON

- All Documents +
- Query
- Permissions
- Changes
- Design Documents +

Table
Metadata
 { } JSON

Create Document

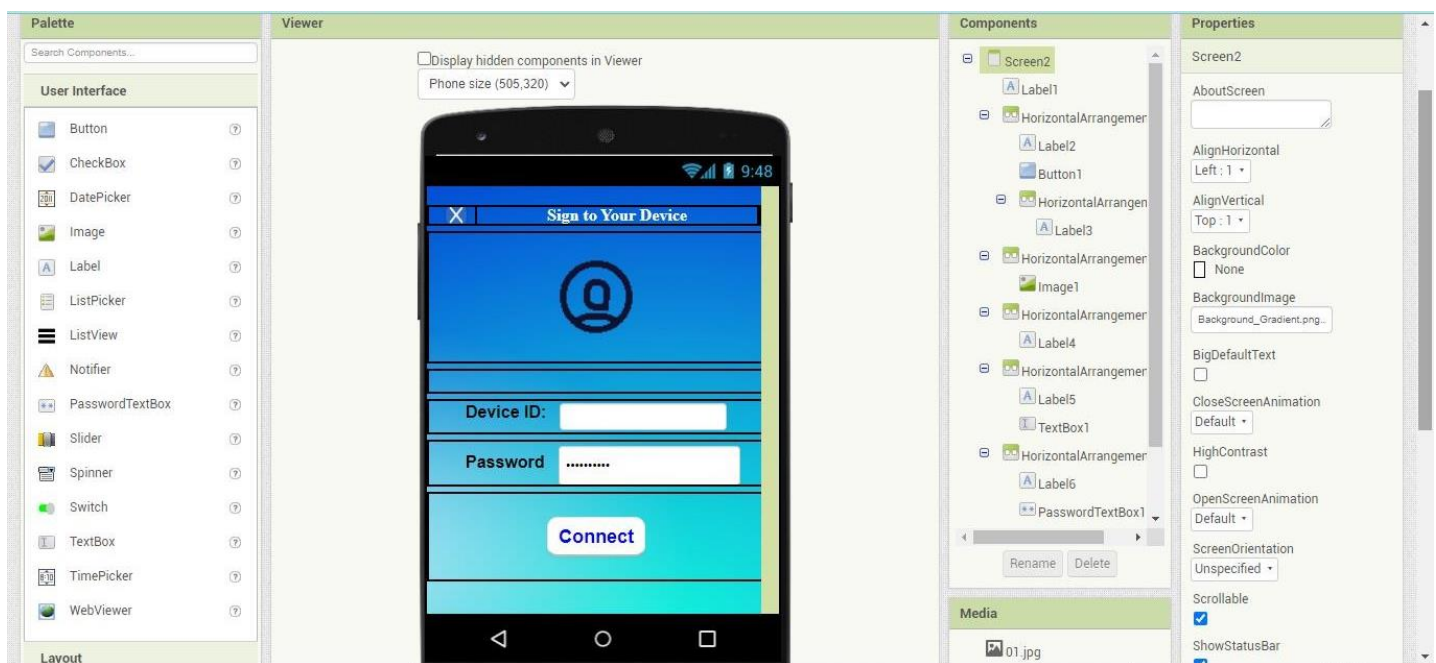
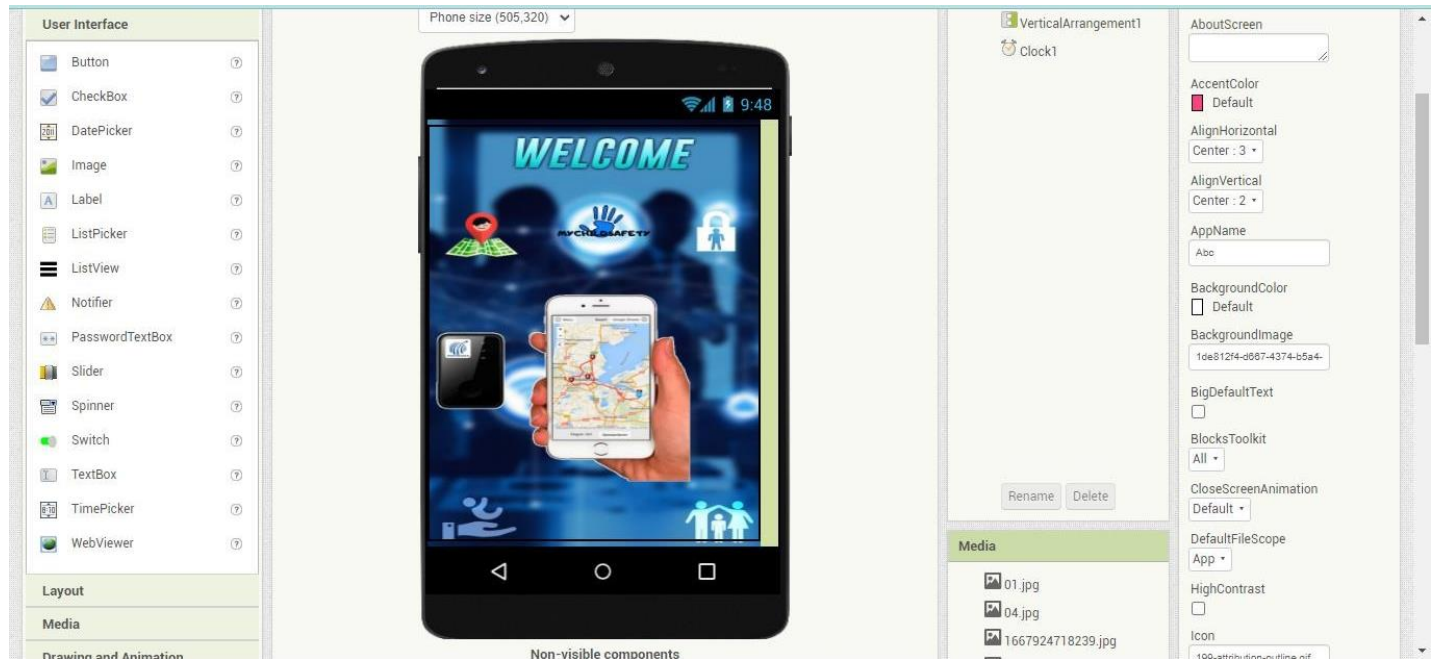
	id	key	value
<input type="checkbox"/>	000245d59da9ac61433e5f634f20f9...	000245d59da9ac61433e5f634f20f9...	{ "rev": "1-e6b811f57ea970b95eac7..." }
<input type="checkbox"/>	000245d59da9ac61433e5f634f213...	000245d59da9ac61433e5f634f213...	{ "rev": "1-5bd67a9dd5077c26203e..." }
<input type="checkbox"/>	000245d59da9ac61433e5f634f4fe7df	000245d59da9ac61433e5f634f4fe7df	{ "rev": "1-ffedff57c99ea860cde31c3..." }
<input type="checkbox"/>	000245d59da9ac61433e5f634f506...	000245d59da9ac61433e5f634f506...	{ "rev": "1-57b844b01fae28e70630e..." }
<input type="checkbox"/>	000245d59da9ac61433e5f634f508...	000245d59da9ac61433e5f634f508...	{ "rev": "1-83bacc72c450f237855a7..." }
<input type="checkbox"/>	000245d59da9ac61433e5f634f50f5...	000245d59da9ac61433e5f634f50f5...	{ "rev": "1-452b9a0e1fe9db26c9264..." }
<input type="checkbox"/>	000245d59da9ac61433e5f634f512...	000245d59da9ac61433e5f634f512...	{ "rev": "1-476cd41ad5e8c74f5b2c6..." }
<input type="checkbox"/>	000245d59da9ac61433e5f634f514...	000245d59da9ac61433e5f634f514...	{ "rev": "1-38b023705962b5ee4cdf..." }
<input type="checkbox"/>	000245d59da9ac61433e5f634f51d...	000245d59da9ac61433e5f634f51d...	{ "rev": "1-83bacc72c450f237855a7..." }
<input type="checkbox"/>	00078610ea6fd9b443a4b58549619...	00078610ea6fd9b443a4b58549619...	{ "rev": "1-476cd41ad5e8c74f5b2c6..." }

Showing document 1 - 20.    Documents per page: 20 ▾

## Node-Red Service with Clodant DB:

The screenshot displays the Node-RED web interface. The main workspace shows a flow titled "Flow 1". The flow begins with an "IBM IoT" node (green, connected). This node connects to a series of "function" nodes (orange). These function nodes are then connected to various output nodes: "chidsafety" (blue), "msg payload" (green), "Child name" (blue), "gauge" (blue), "Temperature" (blue), "temp\_status" (blue), "Latitude" (blue), "Child Zone" (blue), "Longitude" (blue), and "worldmap" (blue). The "worldmap" node is also connected. The right sidebar shows the "debug" console with logs for the flow, including timestamps and node IDs.

## Create App in MIT app inventor:



ChildSafety

Screen5 · Add Screen ... Remove Screen Publish to Gallery

Designer Blocks

Blocks

Built-in

Control

Logic

Math

Text

Lists

Dictionaries

Colors

Variables

Procedures

Screen5

HorizontalArranger

Label1

HorizontalArranger

LOCATION

VerticalArranger

Label3

Viewer

when Clock1 .Timer

do

set Web1 .Uri to "https://node-red-knnqv-2022-11-07.au-syd.mybluem..."

call Web1 .Get

when Web1 .GotText

url responseCode responseType responseContent

do

set Label2 .Text to look up in pairs key "temp"

pairs

call Web1 .JsonTextDecode

jsonText

get responseContent

notFound "not found"

set Label3 .Text to look up in pairs key "lat"

pairs

call Web1 .JsonTextDecode

jsonText

get responseContent

Screenshot (184).png

Show all