

IOT Based Safety Gadget for Child Safety Monitoring and Notification

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
TEAM ID	PNT2022TMID40851
TEAM LEADERNAME	Sathishkumar .M
TEAM MEMBER NAME	Praveenkumar.S Saranraj.S Mohamedbadhusa.A
MENTOR NAME	Mr.T.Thirunavukkarasu

Create Cloudant DB:

IBM Watson IoT Platform

Browse Action Device Types Interfaces

Search by Device ID

Device ID	Status	Device Type	Class ID	Data
12345	Disconnected	eps32	Device	Nov
123_1	Connected	123	Device	Nov

Identity Device Information Recent Events State Logs

The recent events listed show the live stream of data that is coming and going from this device.

Event	Value	Format	Last Recd
event_1	{"randomNumber":23,"temp":33,"hum":97}	json	a few se

Items per page 50 | 1-2 of 2 items

Device Type: 123

Events 1 New event type +

Event type name event_1 Send

Schedule 2 Every Minute

Payload Specify the event payload in the editor window or by uploading a CSV file.

```
0 {
1   "randomNumber": random(0, 100),
2   "temp": random(10, 90),
3   "hum": random(80, 100)
4 }
5
```

Upload a CSV file

Cancel Save

1 of 1 page

childsafety

Document ID Options JSON

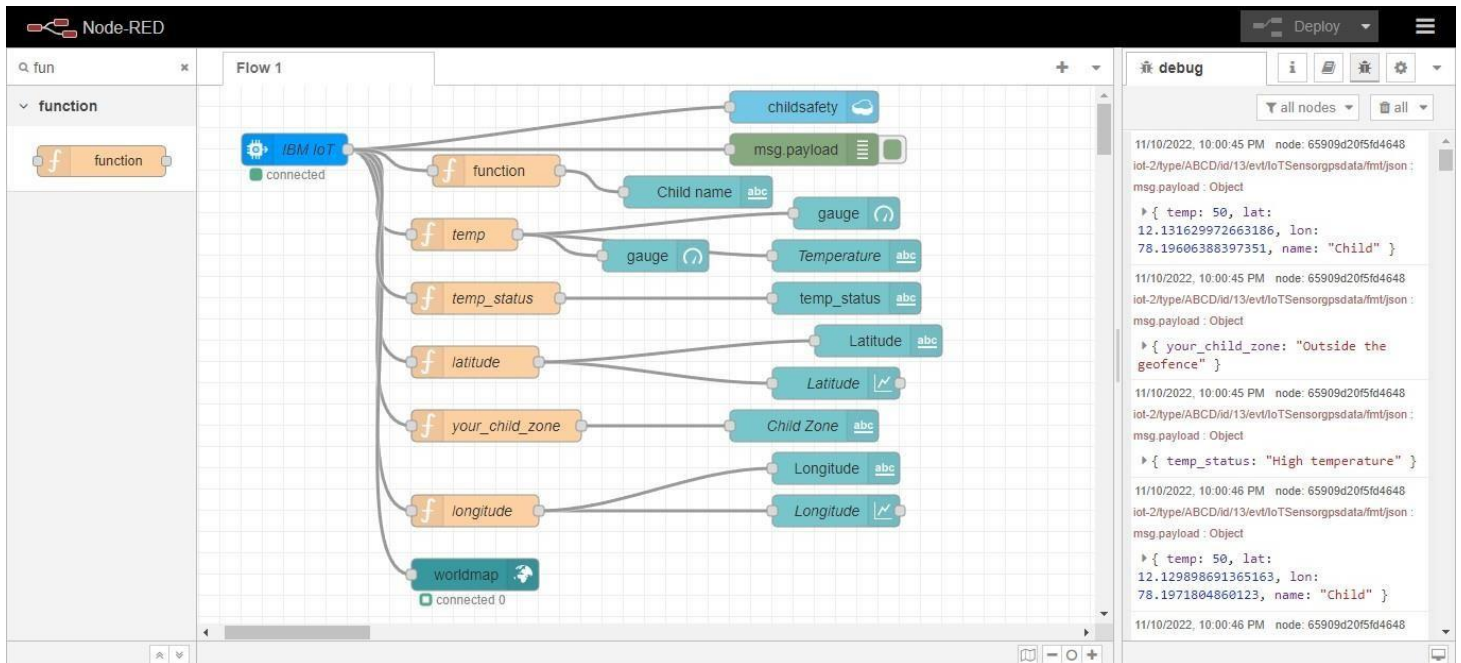
All Documents Query Permissions Changes Design Documents

Create Document

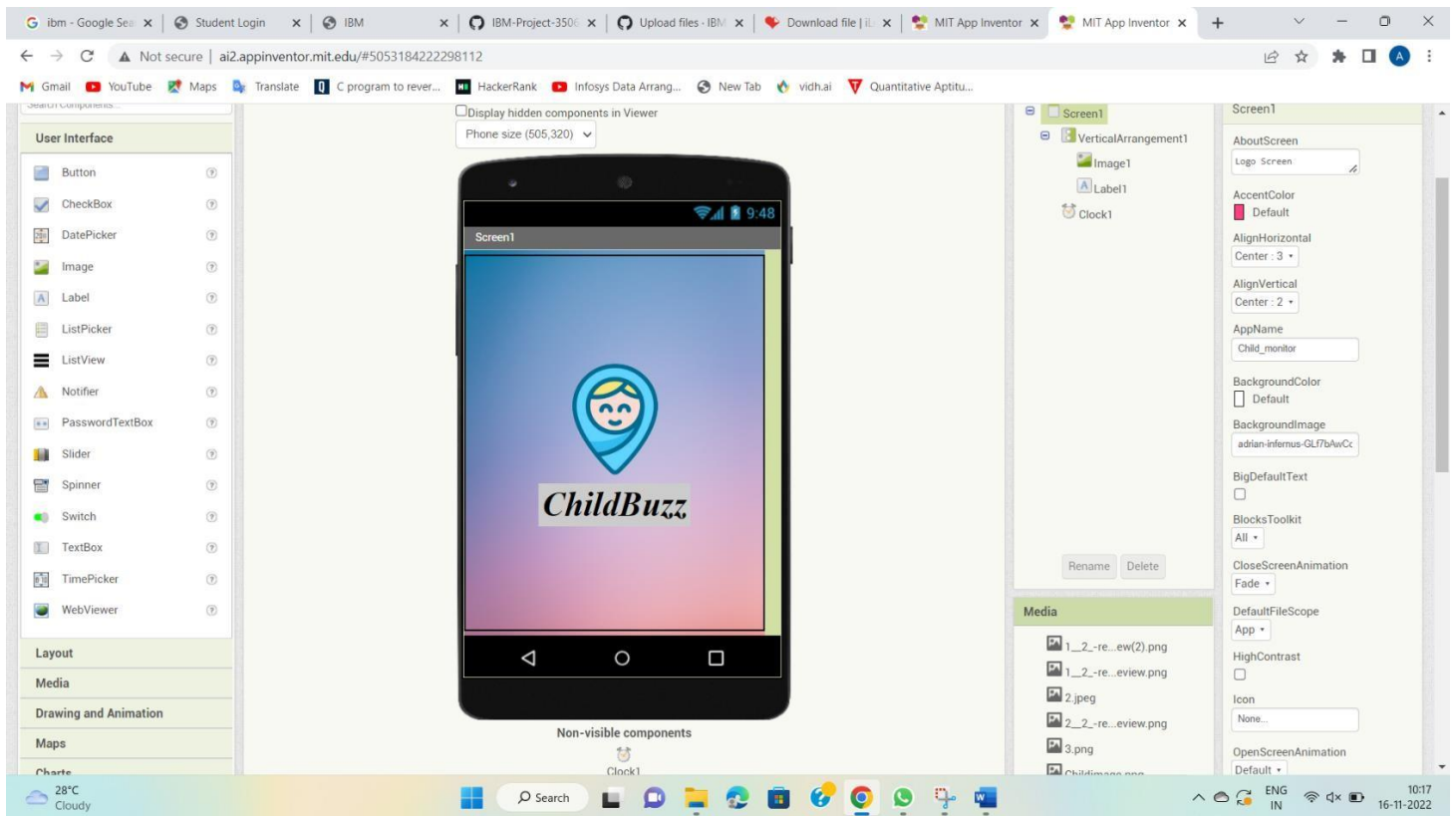
id	key	value
000245d59da9ac61433e5f634f20f9...	000245d59da9ac61433e5f634f20f9...	{"rev": "1-e6b811f57ea970b95eac7...
000245d59da9ac61433e5f634f213...	000245d59da9ac61433e5f634f213...	{"rev": "1-5bd67a9dd5077c26203e...
000245d59da9ac61433e5f634f4fe7df	000245d59da9ac61433e5f634f4fe7df	{"rev": "1-ffedff57c99ea860cde31c3...
000245d59da9ac61433e5f634f506...	000245d59da9ac61433e5f634f506...	{"rev": "1-57b844b01fae28e70630e...
000245d59da9ac61433e5f634f508...	000245d59da9ac61433e5f634f508...	{"rev": "1-83bacc72c450f237855a7...
000245d59da9ac61433e5f634f50f5...	000245d59da9ac61433e5f634f50f5...	{"rev": "1-452b9a0e1fe9db26c9264...
000245d59da9ac61433e5f634f512...	000245d59da9ac61433e5f634f512...	{"rev": "1-476cd41ad5e8c74f5b2c6...
000245d59da9ac61433e5f634f514...	000245d59da9ac61433e5f634f514...	{"rev": "1-38b023705962b5ee4cdfa...
000245d59da9ac61433e5f634f51d...	000245d59da9ac61433e5f634f51d...	{"rev": "1-83bacc72c450f237855a7...
00078610ea6fd9b443a4b58549619...	00078610ea6fd9b443a4b58549619...	{"rev": "1-476cd41ad5e8c74f5b2c6...

Showing document 1 - 20. Documents per page: 20

Node-Red Service with Cloudant DB:



Create App in MIT app inventor:



ibm - Google Search x Student Login x IBM x IBM-Project-350 x Upload files - IBM x Download file | i... x MIT App Inventor x MIT App Inventor x +

Not secure | ai2.appinventor.mit.edu/#5053184222298112

Gmail YouTube Maps Translate C program to rever... HackerRank Infosys Data Arrang... New Tab vidhai Quantitative Aptitu...

Palette

Search Components...

User Interface

- Button
- CheckBox
- DatePicker
- Image
- Label
- ListPicker
- ListView
- Notifier
- PasswordTextBox
- Slider
- Spinner
- Switch
- TextBox
- TimePicker
- WebView

Layout

Media

Drawing and Animation

Viewer

Display hidden components in Viewer

Phone size (505,320)

Screen2

HorizontalArrangement2

AlignHorizontal Center : 3

AlignVertical Center : 2

BackgroundColor None

Height Automatic

Width Fill parent

Image None

Visible ☒

Components

- Screen2
 - VerticalArrangement1
 - VerticalArrangement2
 - Image1
 - HorizontalArrangement
 - Label1
 - TextBox1
 - HorizontalArrangement
 - Label2
 - PasswordTextBc
 - Button1
 - Notifier1

Media

- 1_2_-re...ew(2).png
- 1_2_-re...view.png
- 2.jpeg
- 2_2_-re...view.png

28°C Cloudy

Search

10:18 16-11-2022

ibm - Google Search x Student Login x IBM x IBM-Project-350 x Upload files - IBM x Download file | i... x MIT App Inventor x MIT App Inventor x +

Not secure | ai2.appinventor.mit.edu/#5053184222298112

Gmail YouTube Maps Translate C program to rever... HackerRank Infosys Data Arrang... New Tab vidhai Quantitative Aptitu...

MIT APP INVENTOR

Projects Connect Build Settings Help

My Projects View Trash Guide Report an Issue English priya.11.logha@gmail.com

Child_monitor

Screen2 Add Screen... Remove Screen Publish to Gallery

Designer Blocks

Blocks

- Built-in
 - Control
 - Logic
 - Math
 - Text
 - Lists
 - Dictionaries
 - Colors
 - Variables
 - Procedures
- Screen2
 - VerticalArrangement1
 - VerticalArrangement2
 - Image1
 - HorizontalArrangement
 - Label1
 - TextBox1

Viewer

when Button1.Click

do

if TextBox1.Text = abcd and PasswordTextBox1.Text = 1234

then open another screen screenName Screen3

else call Notifier1.ShowAlert notice Check your credentials

Show Warnings

Media

28°C Cloudy

Search

10:19 16-11-2022