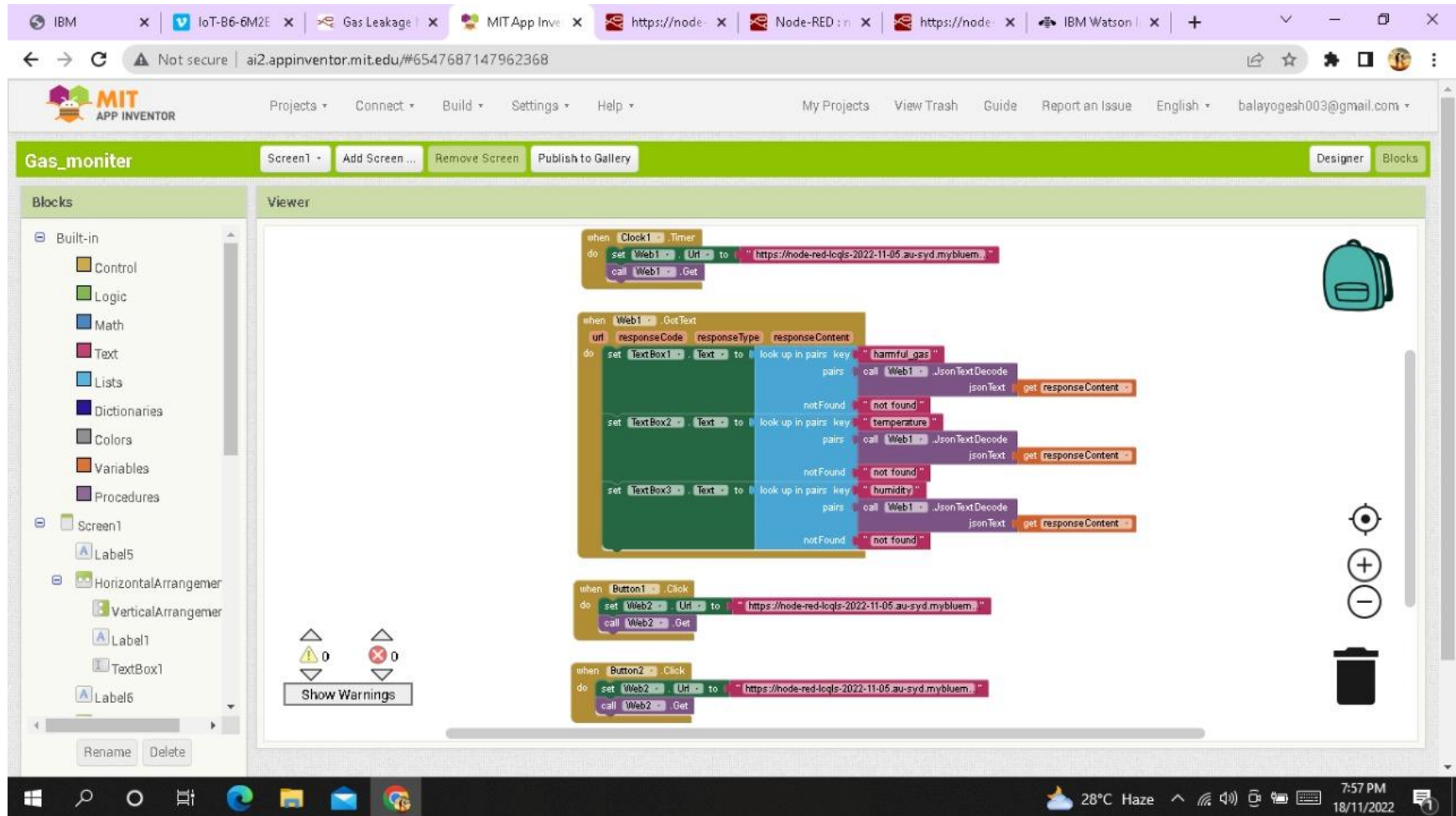


SPRINT-3

Team ID	PNT2022TMID42672
Project Name	Gas Leakage Monitoring and Alerting System

S.NO	Tools & Technology Used
1	MIT App Inventor – For Creating Application
2	Cloudant DB – Used as a Database to store the received sensor data
3	Manual Testing – Apps are tested manually

BLOCK CREATION:



Home screen :

IBM x IoT-B6-6M2E x Gas Leakage x MIT App Inventor x https://node x Node-RED : n x https://node x IBM Watson | x + -

Not secure | ai2.appinventor.mit.edu/#6547687147962368

Palette

Search Components...

User Interface

Layout

- HorizontalArrangement
- HorizontalScrollArrangement
- TableArrangement
- VerticalArrangement**
- VerticalScrollArrangement

Media

Drawing and Animation

Maps

Charts

Sensors

Social

Storage

Connectivity

LEGO® MINDSTORMS®

Experimental

Extension

Viewer

☐ Display hidden components in Viewer

Phone size (505,320)

GAS LEAKAGE MONITOR

HARMFUL GAS

TEMPERATURE

HUMIDITY

MOTOR ON

MOTOR OFF

Non-visible components

Components

- Screen1
 - Label5
 - HorizontalArrangement
 - VerticalArrangement
 - Label1
 - TextBox1
 - Label6
 - HorizontalArrangement
 - VerticalArrangement
 - Label2
 - TextBox2
 - Label7
 - HorizontalArrangement
 - VerticalArrangement
 - Label3
 - TextBox3
 - Label9

Rename Delete

Media

Upload File ...

Properties

Screen1

AboutScreen

AccentColor

Default

AlignHorizontal

Left : 1

AlignVertical

Top : 1

AppName

Gas Monitor

BackgroundColor

Default

BackgroundImage

None...

BigDefaultText

BlocksToolkit

All

CloseScreenAnimation

Default

DefaultFileScope

App

HighContrast

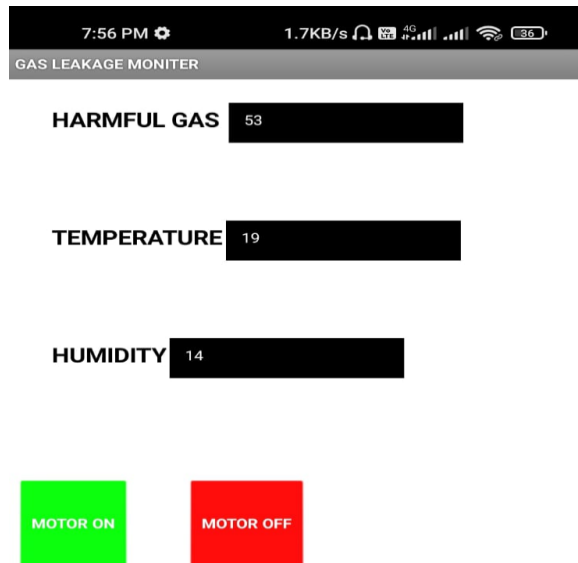
☒

Icon

None...

28°C Haze 7:56 PM 18/11/2022

MOBILE SCREEN:



CLOUDANT DB:

The screenshot shows the Cloudant DB dashboard for a database named 'gasmonitor_db'. The interface includes a left sidebar with navigation options: All Documents, Query, Permissions, Changes, and Design Documents. The main area displays a list of documents in table view, with columns for 'id', 'key', and 'value'. The 'value' column shows JSON snippets, each starting with '"rev":'. At the bottom, it indicates 'Showing document 1 - 20' and 'Documents per page: 20'. The browser's address bar shows the URL: '39414d83-6efc-45af-b528-0a883806fb70-bluemix.cloudant.com/dashboard.html#database/gasmonitor_db/_all_docs'.

id	key	value
02105e0e7483256f3d9454b6721ef60f	02105e0e7483256f3d9454b6721ef60f	{"rev": "1-d3162ddba6ceb8ca43786..."}
02105e0e7483256f3d9454b67223b5...	02105e0e7483256f3d9454b67223b5...	{"rev": "1-14a77531dc5cc744c7094..."}
02105e0e7483256f3d9454b67224cb...	02105e0e7483256f3d9454b67224cb...	{"rev": "1-60d3cb6ba1c543ff967b09..."}
02105e0e7483256f3d9454b67224fa...	02105e0e7483256f3d9454b67224fa...	{"rev": "1-ab091c75d85d3b2fb6790..."}
02105e0e7483256f3d9454b672284e...	02105e0e7483256f3d9454b672284e...	{"rev": "1-707007af60f6ee86a34219..."}
02105e0e7483256f3d9454b6722876...	02105e0e7483256f3d9454b6722876...	{"rev": "1-fc8a4900e8b835bb12d47..."}
04917f2365d1f680db461b98b0395f48	04917f2365d1f680db461b98b0395f48	{"rev": "1-5c519fa45b00678909ad9f..."}
04917f2365d1f680db461b98b03b3a0a	04917f2365d1f680db461b98b03b3a0a	{"rev": "1-c759ef73900eac5d1dbf7ff..."}
04917f2365d1f680db461b98b04075...	04917f2365d1f680db461b98b04075...	{"rev": "1-6cc691c3c4f57986c448b5..."}
04917f2365d1f680db461b98b045c65c	04917f2365d1f680db461b98b045c65c	{"rev": "1-87a40f2b8fd1bde87c466e..."}
04917f2365d1f680db461b98b0497d...	04917f2365d1f680db461b98b0497d...	{"rev": "1-5c5b63535e1d78dea1e2d..."}