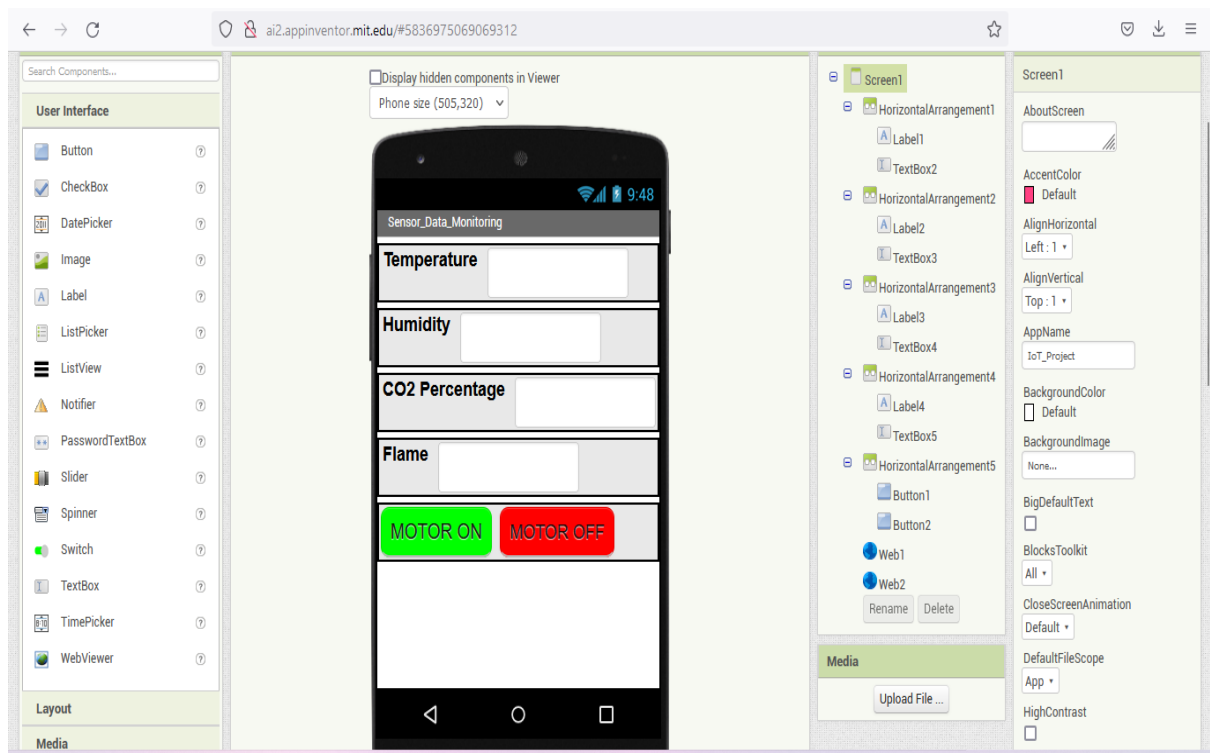


## PROJECT DEVELOPMENT PHASE

Date	17 November 2022
Team ID	PNT2022TMID42644
Project Title	INDUSTRY – SPECIFIC INTELLIGENT FIRE MANAGEMENT SYSTEM

**SPRINT 3 : Mit App Inventor, dashboard (application for our project using mit app ,design the model and test the app) :**



ai2.appinventor.mit.edu/#5836975069069312

MIT APP INVENTOR

Projects Connect Build Settings Help My Projects View Trash Guide Report an Issue English praveenkumarraj111@gmail.com

IoT\_Project Screen1 Add Screen ... Remove Screen Publish to Gallery Designer Blocks

Blocks

- Built-in
  - Control
  - Logic
  - Math
  - Text
  - Lists
  - Dictionaries
  - Colors
  - Variables
  - Procedures
- Screen1
  - HorizontalArrangement1
    - Label1
    - TextBox2
  - HorizontalArrangement2
    - Label2
    - TextBox3
  - HorizontalArrangement3

Viewer

when Clock1.Timer

do

- set Web1.Url to https://node-red-wppej-2022-11-08.eu-gb.mybluemix.net
- call Web1.Get

when Web1.GetText

do

url	responseCode	responseType	responseContent
look up in pairs key	temperature	pairs	call Web1.JsonTextDecode jsonText get responseContent
not found	not found		
look up in pairs key	Humidity	pairs	call Web1.JsonTextDecode jsonText get responseContent
not found	not found		
look up in pairs key	CO2 Percentage	pairs	call Web1.JsonTextDecode jsonText get responseContent
not found	not found		
look up in pairs key	Flame	pairs	call Web1.JsonTextDecode jsonText get responseContent
not found	not found		

Show Warnings

when Button1.Click

do

- set Web2.Url to https://node-red-wppej-2022-11-08.eu-gb.mybluemix.net
- call Web2.Get

when Button2.Click

do

- set Web2.Url to https://node-red-wppej-2022-11-08.eu-gb.mybluemix.net
- call Web2.Get

Show Warnings

## Sensor data Monitoring/testing in MIT App :

Jio 4G VoLTE 4G 100% 1.05K/s 73% 5:42 pm

Sensor\_Data\_Monitoring

Temperature 86

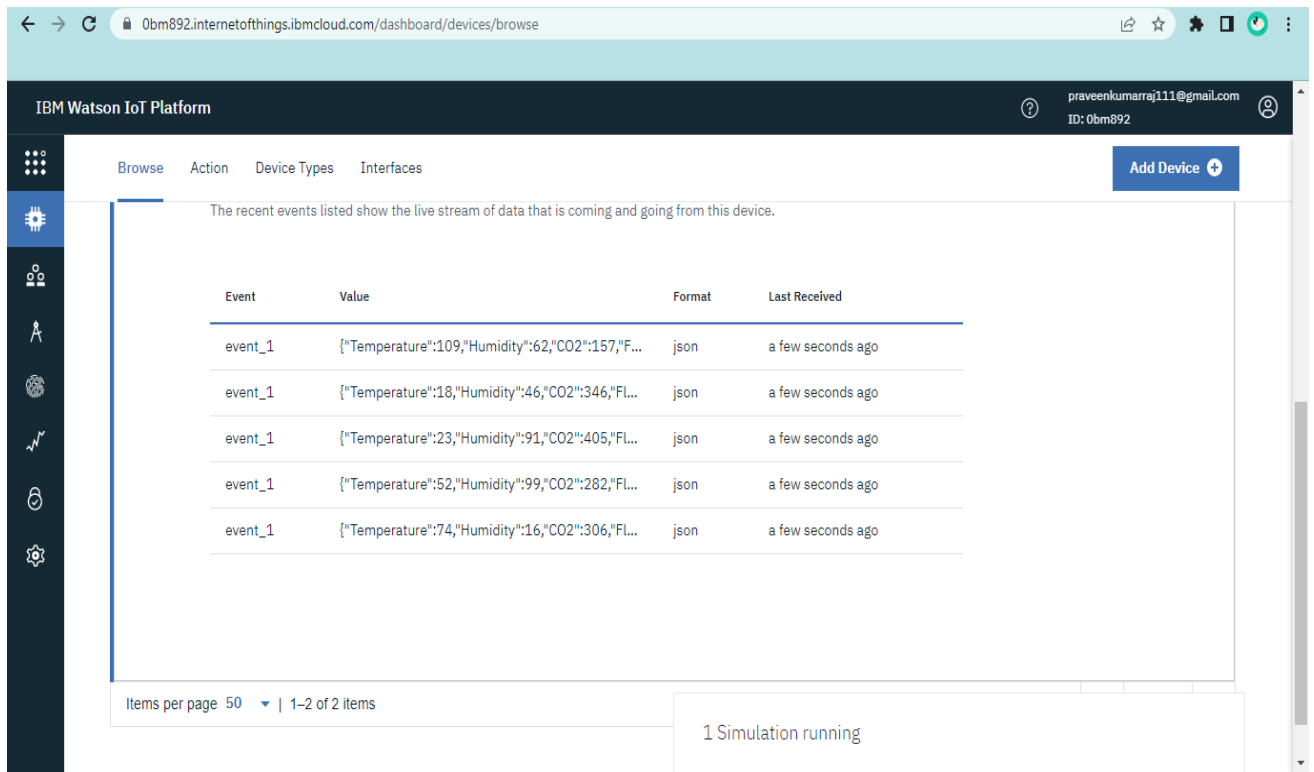
Humidity 73

CO2 Percentage 294

Flame 24

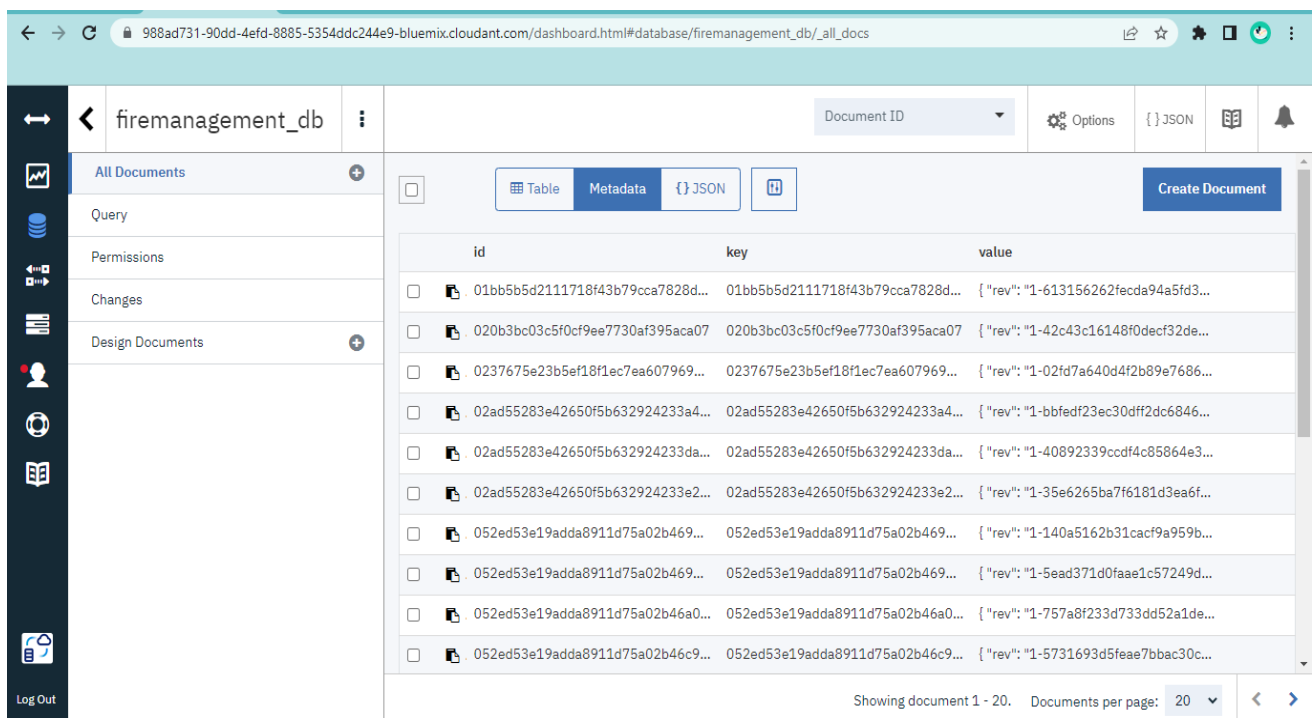
MOTOR ON MOTOR OFF

# IBM Cloud and Cloudbant DB Output :



The screenshot displays the IBM Watson IoT Platform dashboard. The top navigation bar includes the platform name, a user profile, and an 'Add Device' button. The main content area is titled 'Browse' and shows a list of recent events for a device. The events are displayed in a table with columns: Event, Value, Format, and Last Received. The events are labeled 'event\_1' and contain JSON data representing sensor readings. The bottom of the dashboard shows 'Items per page 50' and '1 Simulation running'.

Event	Value	Format	Last Received
event_1	{"Temperature":109,"Humidity":62,"CO2":157,"F...	json	a few seconds ago
event_1	{"Temperature":18,"Humidity":46,"CO2":346,"Fl...	json	a few seconds ago
event_1	{"Temperature":23,"Humidity":91,"CO2":405,"Fl...	json	a few seconds ago
event_1	{"Temperature":52,"Humidity":99,"CO2":282,"Fl...	json	a few seconds ago
event_1	{"Temperature":74,"Humidity":16,"CO2":306,"Fl...	json	a few seconds ago



The screenshot displays the Cloudbant DB dashboard. The top navigation bar includes the database name, a 'Document ID' dropdown, and buttons for 'Options', 'JSON', and 'Create Document'. The main content area is titled 'firemanagement\_db' and shows a list of documents. The documents are displayed in a table with columns: id, key, and value. The documents are labeled with IDs and contain JSON data representing fire management records. The bottom of the dashboard shows 'Showing document 1 - 20' and 'Documents per page: 20'.

id	key	value
01bb5b5d2111718f43b79cca7828d...	01bb5b5d2111718f43b79cca7828d...	{"rev": "1-613156262fecda94a5fd3...
020b3bc03c5f0cf9ee7730af395aca07	020b3bc03c5f0cf9ee7730af395aca07	{"rev": "1-42c43c16148f0decf32de...
0237675e23b5ef18f1ec7ea607969...	0237675e23b5ef18f1ec7ea607969...	{"rev": "1-02fd7a640d4f2b89e7686...
02ad55283e42650f5b632924233a4...	02ad55283e42650f5b632924233a4...	{"rev": "1-bbfedf23ec30dff2dc6846...
02ad55283e42650f5b632924233da...	02ad55283e42650f5b632924233da...	{"rev": "1-40892339ccdf4c85864e3...
02ad55283e42650f5b632924233e2...	02ad55283e42650f5b632924233e2...	{"rev": "1-35e6265ba7f6181d3ea6f...
052ed53e19adda8911d75a02b469...	052ed53e19adda8911d75a02b469...	{"rev": "1-140a5162b31cac9a959b...
052ed53e19adda8911d75a02b469...	052ed53e19adda8911d75a02b469...	{"rev": "1-5ead371d0faae1c57249d...
052ed53e19adda8911d75a02b46a0...	052ed53e19adda8911d75a02b46a0...	{"rev": "1-757a8f233d733dd52a1de...
052ed53e19adda8911d75a02b46c9...	052ed53e19adda8911d75a02b46c9...	{"rev": "1-5731693d5feae7bbac30c...