

SPRINT-4

DATE	19 NOV 2022
TEAM ID	PNT2022TMID40881
PROJECT NAME	INDUSTRY SPECIFIC INTELLIGENT FIRE MANAGEMENT SYSTEM

WOKWI

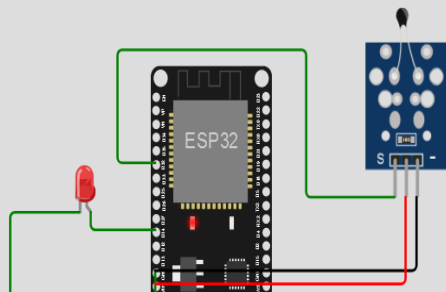
SAVE SHARE NIKESH DHIRESH Docs

sketch.ino diagram.json libraries.txt Library Manager

```
1 #include <WiFi.h>
2 #include <PubSubClient.h>
3 void callback(char* subscribetopic,byte* payload, unsigned int payloadLength) {
4   #define ORG "In580q"
5   #define DEVICE_TYPE "abcd"
6   #define DEVICE_ID "12"
7   #define TOKEN "12345678"
8   String data3;
9
10  char server[] = ORG ".messaging.internetofthings.ibmcloud.com";
11  char publishTopic[] = "iot-2/evt/Data/fmt/json";
12  char subscribeTopic[] = "iot-2/cmd/test/fmt/String";
13  char authMethod[] = "use-token-auth";
14  char token[] = TOKEN;
15  char clientId[] = "d:" + ORG + ":" + DEVICE_TYPE + ":" + DEVICE_ID;
16
17  WiFiClient wifiClient;
18  PubSubClient client(server,1883,callback,wifiClient);
19
20  void setup() {
21    Serial.begin(9600);
22    analogReadResolution(10);
23    pinMode(32,INPUT);
24    pinMode(14,OUTPUT);
25
26    wifiConnect();
27    mqttConnect();
28
29  }
30  void loop() {
```

Simulation

03:32.942 30%



publish ok
Temperature: 23.99 °C
Sending payload:{"temp":23.99}
publish ok
Temperature: 23.99 °C
Sending payload:{"temp":23.99}
publish ok

IBM Watson IoT Platform

nikeshmi36@gmail.com

10:05:09

Back

Device Drilldown - 12

Connection Information

Recent Events

State

Device Information

Metadata

Usage Analytics

Connection Logs

Device Actions

Connection Information

Basic connection information about this device.

Device ID

12

Device Type

abcd

Date Added

16 Nov 2022 13:02

Added By

nikeshmi36@gmail.com

Connection Status

Disconnected

Last Connected: 19 Nov 2022 14:02

Client Address: 50.31.197.64

Duration: 2 minutes

Data Transferred: 1.7 KB

Recent Events

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

Event	Value	Format	Last Received
Data	{"temp":23.99}	json	a few seconds ago
Data	{"temp":23.99}	json	a few seconds ago
Data	{"temp":23.99}	json	a few seconds ago
Data	{"temp":23.99}	json	a few seconds ago
Data	{"temp":23.99}	json	a few seconds ago

0 Simulations running

IMAGES OF MIT-APP INVERTER

Creating and populating a data...

cloud.ibm.com - Google Search

MIT App Inventor

MIT App Inventor

Not secure

ai2.appinventor.mit.edu/#5119071906299904

Gmail

YouTube

Maps

Search Components...

User Interface

Button

CheckBox

DatePicker

Image

Label

ListPicker

ListView

Notifier

PasswordTextBox

Slider

Spinner

Switch

TextBox

TimePicker

WebView

Layout

Media

Drawing and Animation

Maps

Viewer

Display hidden components in Viewer

Phone size (505,320)

Screen1

Image1

Clock1

Non-visible components

Screen1

VerticalArrangement1

Image1

Clock1

Rename

Delete

Media

SAFE.webp

f.jpeg

f.jpeg

fire.jpeg

fire2.jpeg

Properties

Screen1

AboutScreen

AccentColor

Default

AlignHorizontal

Left: 1

AlignVertical

Top: 1

AppName

Fire_detection

BackgroundColor

Default

BackgroundImage

k.jpeg

BigDefaultText

BlocksToolkit

All

CloseScreenAnimation

Default

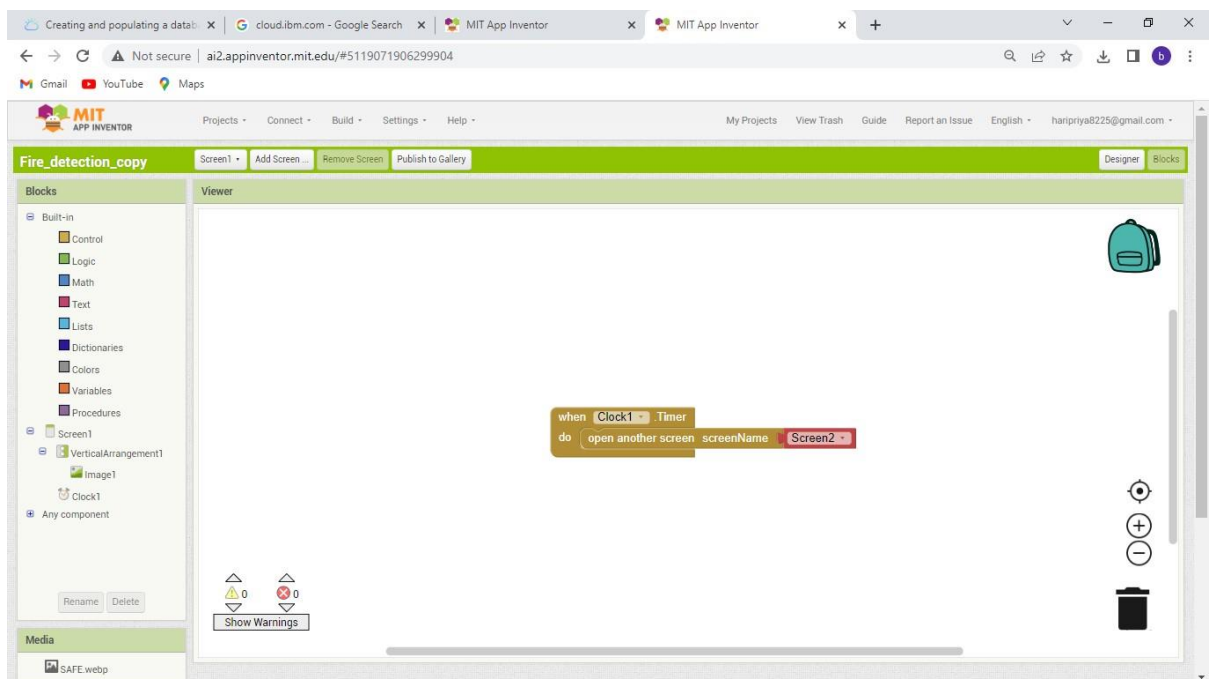
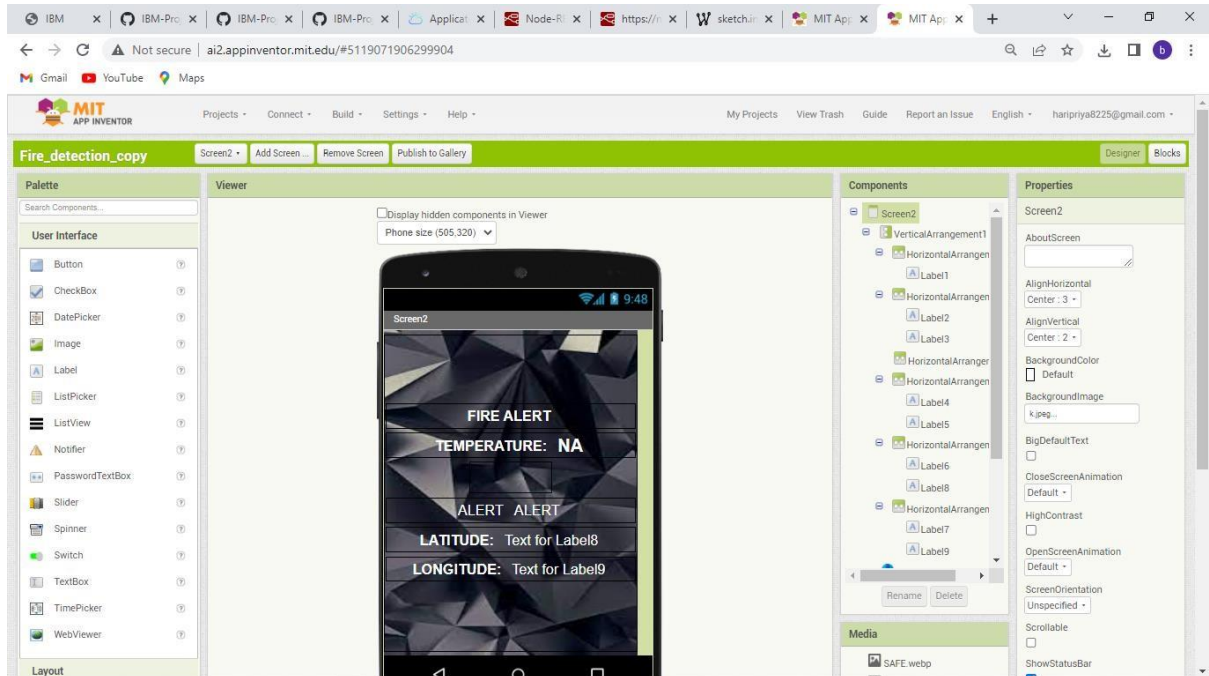
DefaultFileScope

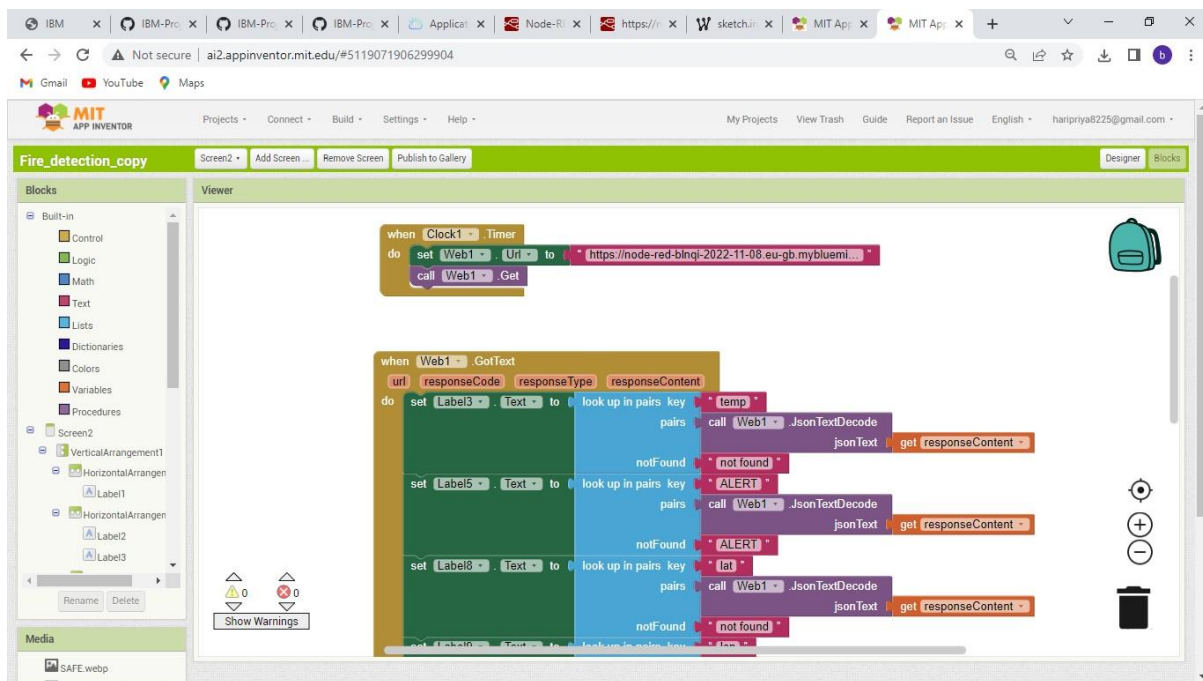
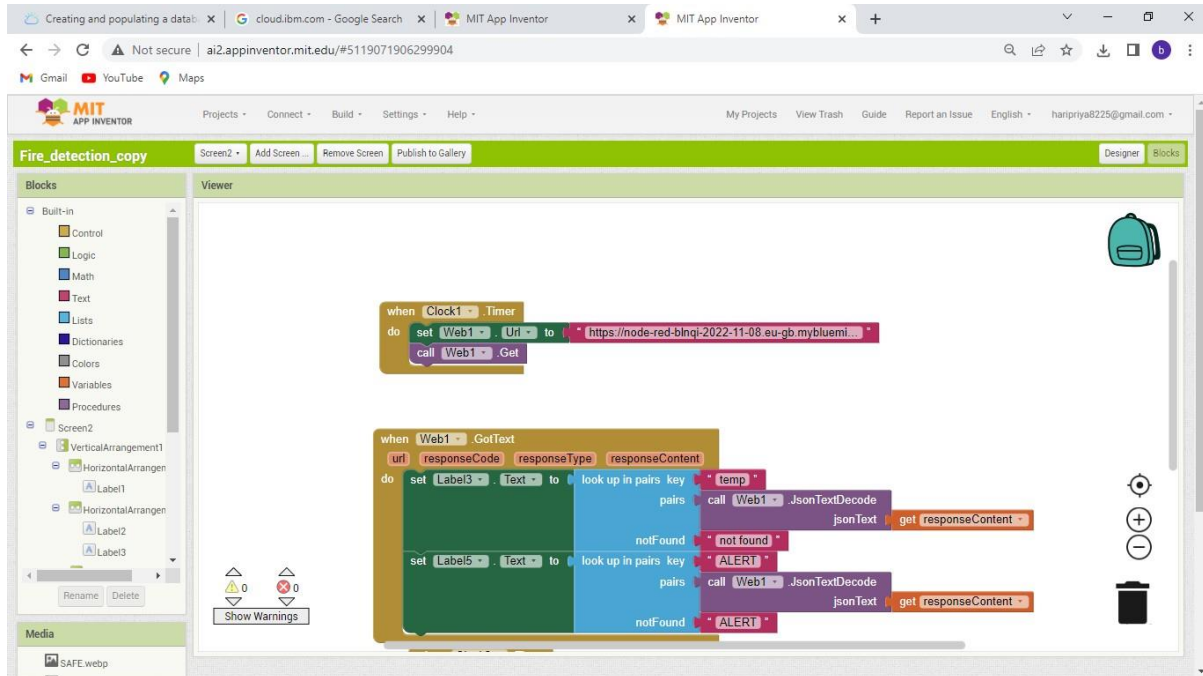
App

HighContrast

Icon

None





IMAGES IN MOBILE APPLICATION:



Screen2

FIRE ALERT

TEMPERATURE: 23.99

ALERT ALERT

LATITUDE: not found

LONGITUDE: not found



4G 08:02

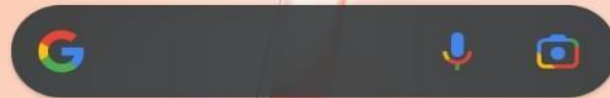
73%

08:02

Thu, Nov 10

Vellore

22°C



FIRE ALARM WARNING!!!



Google



Music



vivo.com



Play Store



i Manager



V-Appst...



IBM Watson IoT Platform

nikeshmi36@gmail.com

ID: 1n1d30q

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Basic connection information about this device.

Device ID

12

Device Type

abcd

Date Added

16 Nov 2022 13:02

Added By

nikeshmi36@gmail.com

Connection Status

Disconnected

Last Connected: 19 Nov 2022 14:02

Client Address: 50.31.197.64 Insecure

Duration: 2 minutes

Data Transferred: 1.7 KB

Recent Events

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Event	Value	Format	Last Received
Data	{"temp":23.99}	json	a few seconds ago
Data	{"temp":23.99}	json	a few seconds ago
Data	{"temp":23.99}	json	a few seconds ago
Data	{"temp":23.99}	json	a few seconds ago
Data	{"temp":23.99}	json	a few seconds ago

0 Simulations running