

# PROJECT DEVELOPMENT PHASE

## SPRINT – 3

Team ID	PNT2022TMID09410
Project Name	Industrial Specific Fire Management System
Date	8 November 2022

### **TASK:**

A mobile application for monitoring the Environmental parameters around the region of sensor has been developed using MIT mobile App inventor.

### **Screens Information:**

1. **Screen – 1:** It is the entry screen of the mobile application and will be displayed only for 3 seconds.

2. **Screen – 2:** It is the login page of the application. Each user has their own user id and password, which is known only to them. After validating the credential, User can access the data produced by their devices.

3. **Screen – 3:** It shows the temperature & humidity level in the web application even in the mobile application too.

### **Designer:**

- Images displayed in the Designer section, displays the Front-End of the user interface.
- Regular users can view the Designer section whenever they start the application.


## **SCREEN-1:**



## Screen 2:

4G 2:24 52

Bluetooth, Wi-Fi, LTE, 0.00 KB/s

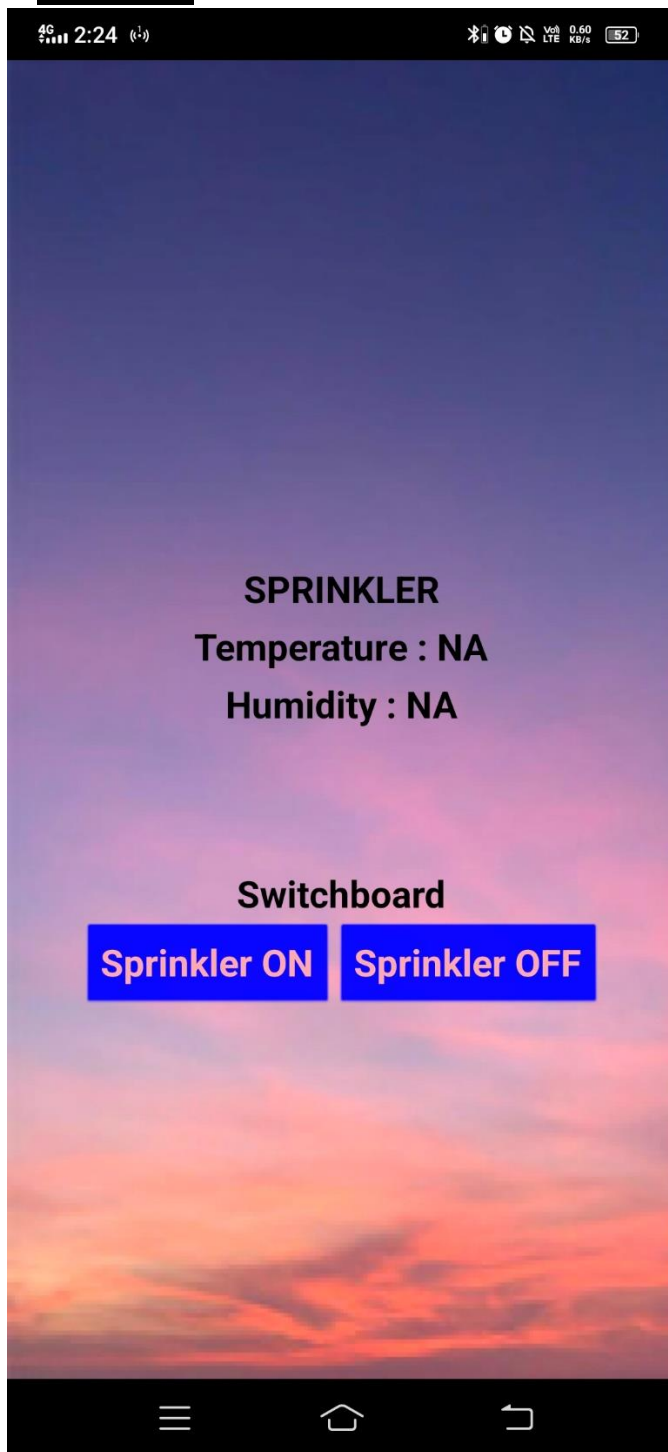


**User Name:**

**Password :**

Navigation icons: menu, home, back

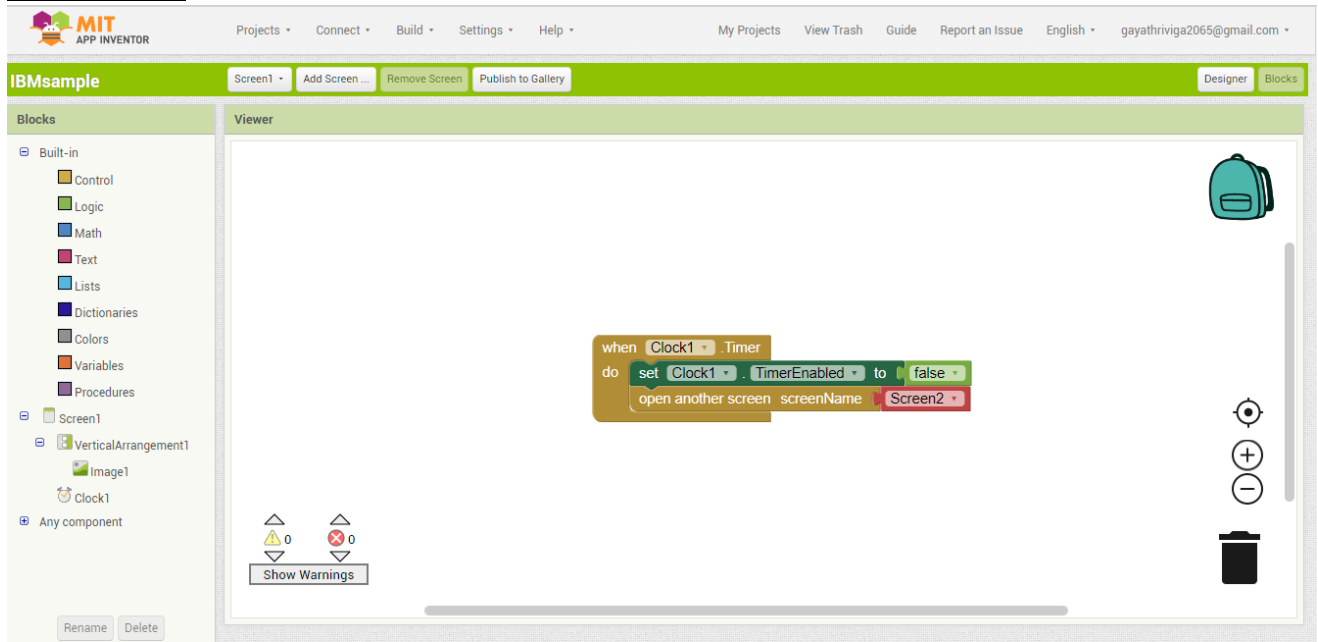
### Screen 3:



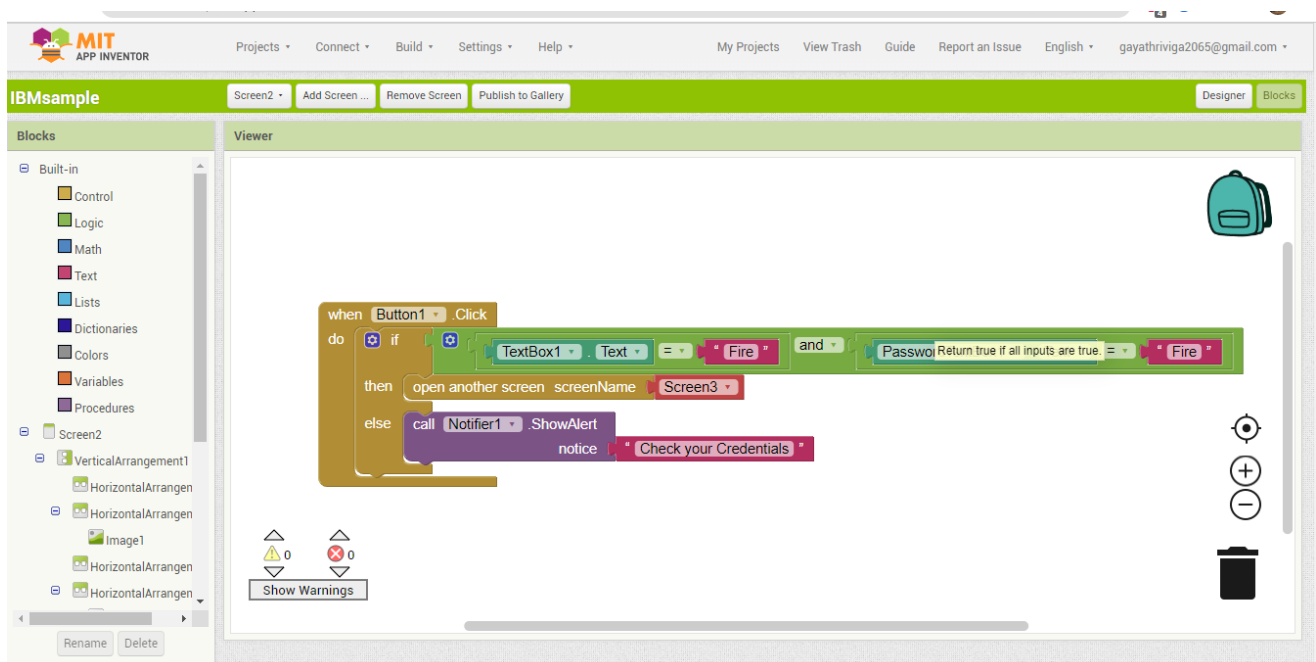
## **BLOCKS:**

- Images displayed in the Blocks section, displays the Back-End of the Mobile Application.
- Only developers have access to view and modify it.
- Proper working of the Application solely depends on the code developed in the Block section.

## **SCREEN-1:**



## **SCREEN-2:**



## SCREEN-3:

batch8 Screen3 Add Screen Remove Screen Publish to Gallery Designer Blocks

Blocks

- Label1
- HorizontalArrangen
  - Label2
  - Label3
- HorizontalArrangen
  - Label4
  - Label5
- HorizontalArrangen
  - Label6
- Button1
- Button2
- Web1
- Web2
- Clock1

Any component

Viewer

when Clock1 .Timer

do

- set Web1 . Uri to `https://node-red-ixbk-2022-10-12.us-east.myblue...`
- call Web1 .Get

when Web1 .GotText

url	responseCode	responseType	responseContent
do	set Label3 . Text to	look up in pairs key	temp
		pairs	call Web1 .JsonTextDecode
		jsonText	get responseContent
		notFound	not found
set Label5 . Text to	look up in pairs key	hum	
		pairs	call Web1 .JsonTextDecode
		jsonText	get responseContent
		notFound	not found

Show Warnings

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