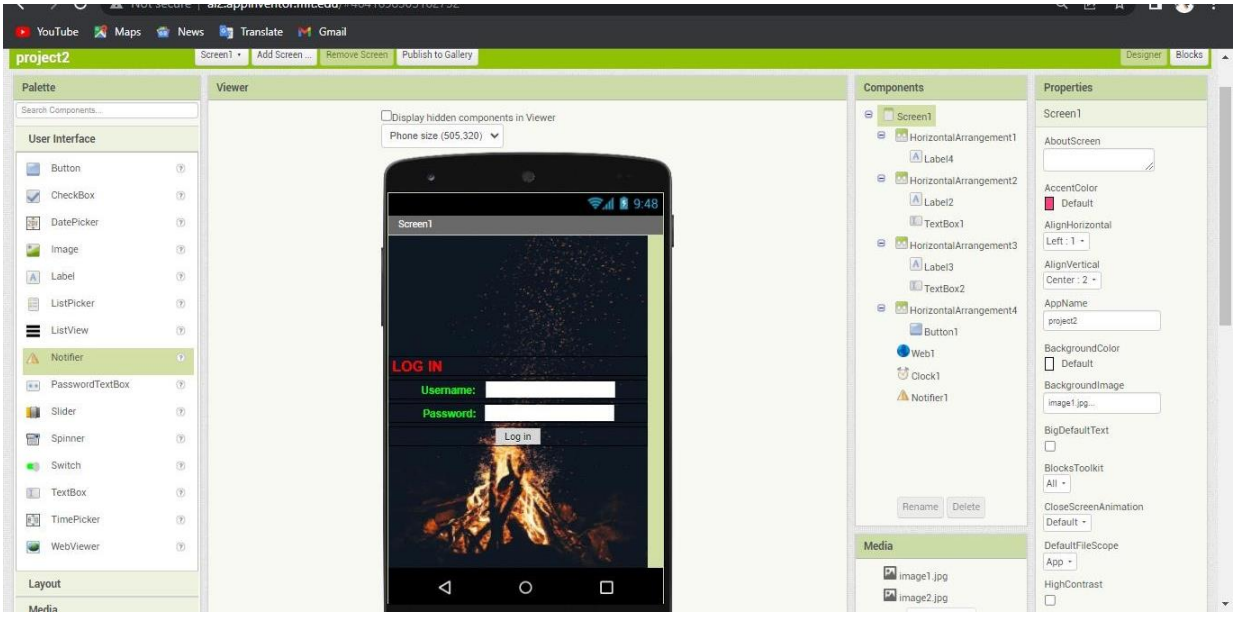
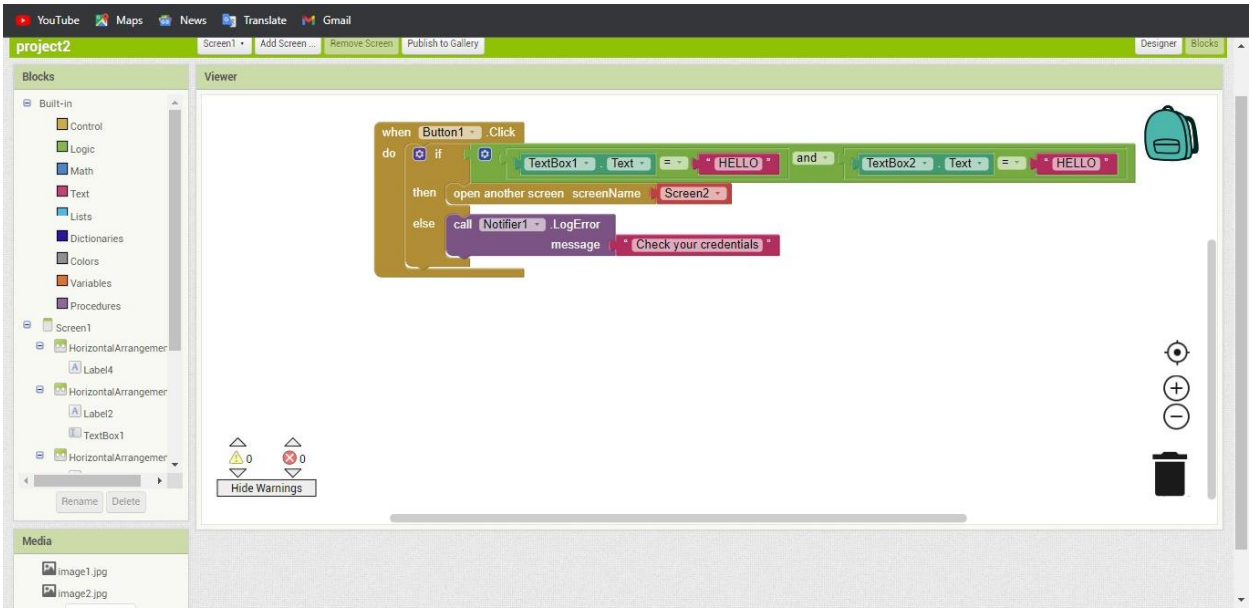
PROJECT DEVELOPMENT PHASE

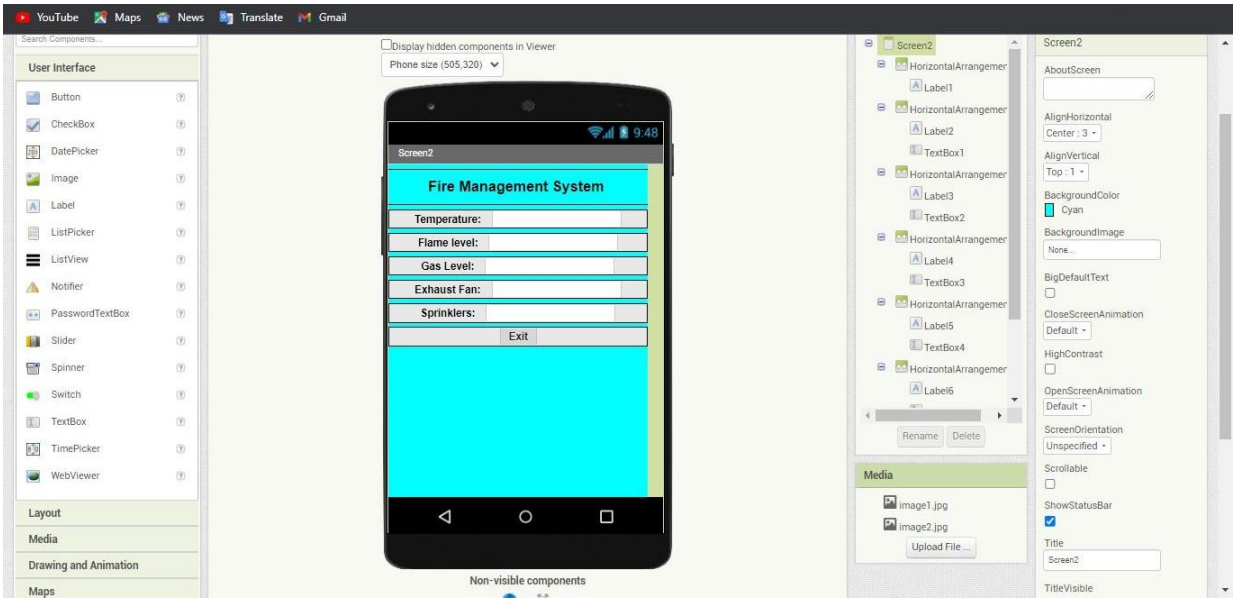
SPRINT – 4

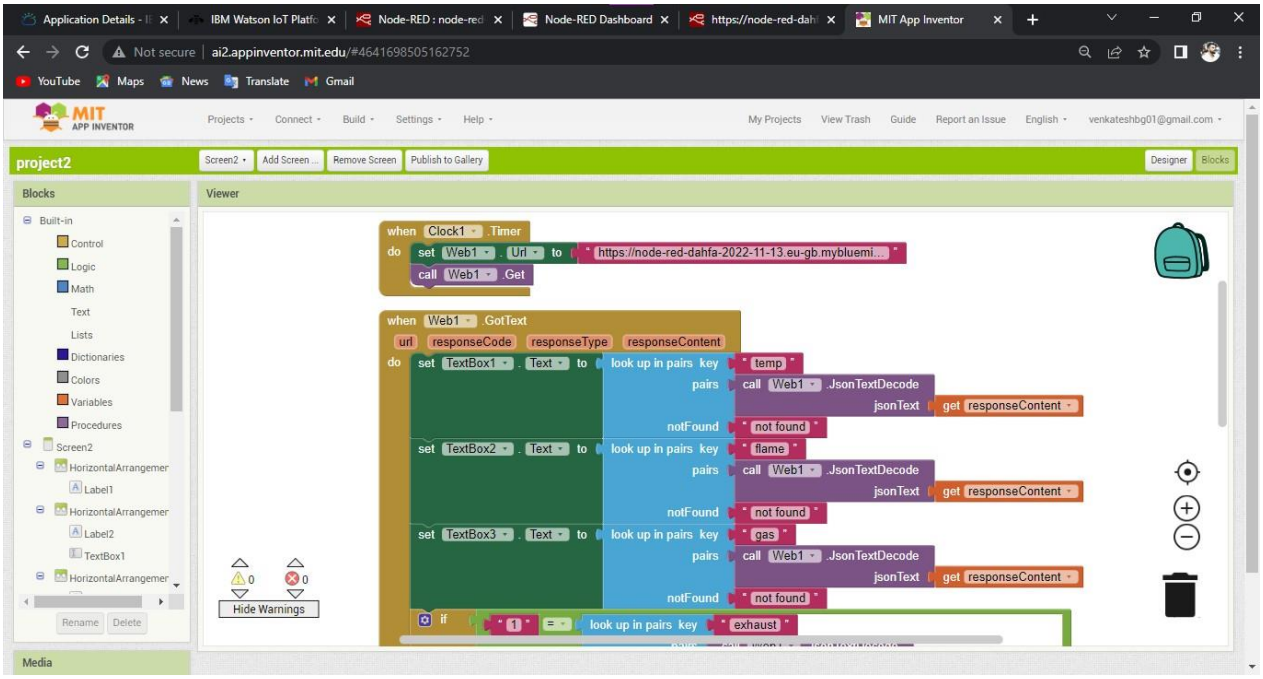
Team ID	PNT2022TMID51070
Project Name	Industry – Specific Intelligent Fire Management System
Date	19 November 2022

Creating App using MIT App Inventor:




YouTube
Maps
News
Translate
Gmail
project2
Screen1
Add Screen ...
Remove Screen
Publish to Gallery
Designer
Blocks
Blocks
Built-in
Control
Logic
Math
Text
Lists
Dictionaries
Colors
Variables
Procedures
Screen1
HorizontalArrangemer
Label4
HorizontalArrangemer
Label2
TextBox1
HorizontalArrangemer
Rename
Delete
Media
image1.jpg
image2.jpg
Viewer
when Button1 .Click
do if TextBox1 . Text = " HELLO " and TextBox2 . Text = " HELLO "
then open another screen screenName Screen2
else call Notifier1 .LogError
message " Check your credentials "
0
0
Hide Warnings


YouTube
Maps
News
Translate
Gmail
User Interface
Button
CheckBox
DatePicker
Image
Label
ListPicker
ListView
Notifier
PasswordTextBox
Slider
Spinner
Switch
TextBox
TimePicker
WebViewer
Layout
Media
Drawing and Animation
Maps
Display hidden components in Viewer
Phone size (505,320)
9:48
Screen2
Fire Management System
Temperature:
Flame level:
Gas Level:
Exhaust Fan:
Sprinklers:
Exit
Non-visible components
Screen2
HorizontalArrangemer
Label1
Label2
TextBox1
Label3
TextBox2
Label4
TextBox3
Label5
TextBox4
Label6
Rename
Delete
Media
image1.jpg
image2.jpg
Upload File ...
Screen2
AboutScreen
AlignHorizontal
Center : 3
AlignVertical
Top : 1
BackgroundColor
Cyan
BackgroundImage
None...
BigDefaultText
CloseScreenAnimation
Default
HighContrast
OpenScreenAnimation
Default
ScreenOrientation
Unspecified
Scrollable
ShowStatusBar
Title
Screen2
TitleVisible


Application Details
IBM Watson IoT Platfo
Node-RED : node-red
Node-RED Dashboard
https://node-red-dah
MIT App Inventor
Not secure
ai2.appinventor.mit.edu/#4641698505162752
YouTube
Maps
News
Translate
Gmail
MIT APP INVENTOR
Projects
Connect
Build
Settings
Help
My Projects
View Trash
Guide
Report an Issue
English
venkateshbg01@gmail.com
project2
Screen2
Add Screen ...
Remove Screen
Publish to Gallery
Designer
Blocks
Viewer
Built-in
Control
Logic
Math
Text
Lists
Dictionaries
Colors
Variables
Procedures
Screen2
HorizontalArrangemer
Label1
HorizontalArrangemer
Label2
TextBox1
HorizontalArrangemer
Rename
Delete
Media
Hide Warnings
when Clock1 .Timer
do set Web1 . Url to " https://node-red-dahfa-2022-11-13.eu-gb.mybluemi... "
call Web1 .Get
when Web1 .GotText
url responseCode responseType responseContent
do set TextBox1 . Text to look up in pairs key " temp "
pairs call Web1 .JsonTextDecode
jsonText get responseContent
notFound " not found "
set TextBox2 . Text to look up in pairs key " flame "
pairs call Web1 .JsonTextDecode
jsonText get responseContent
notFound " not found "
set TextBox3 . Text to look up in pairs key " gas "
pairs call Web1 .JsonTextDecode
jsonText get responseContent
notFound " not found "
if " 1 " = look up in pairs key " exhaust "

MIT APP INVENTOR
Projects
Connect
Build
Settings
Help
My Projects
View Trash
Guide
Report an Issue
English
venkateshbg01@gmail.com
project2
Screen2
Add Screen ...
Remove Screen
Publish to Gallery
Designer
Blocks
Viewer
Built-in
Control
Logic
Math
Text
Lists
Dictionaries
Colors
Variables
Procedures
Screen2
HorizontalArrangemer
Label1
HorizontalArrangemer
Label2
TextBox1
HorizontalArrangemer
Rename
Delete
Media
Hide Warnings
if " 1 " = look up in pairs key " exhaust "
pairs call Web1 .JsonTextDecode
jsonText get responseContent
notFound " not found "
then set TextBox4 . Text to " Fan on "
else set TextBox4 . Text to " Fan off "
if " 1 " = look up in pairs key " Sprinklers "
pairs call Web1 .JsonTextDecode
jsonText get responseContent
notFound " not found "
then set TextBox5 . Text to " Sprinklers on "
else set TextBox5 . Text to " Sprinklers off "
when Button1 .Click
do open another screen screenName Screen1

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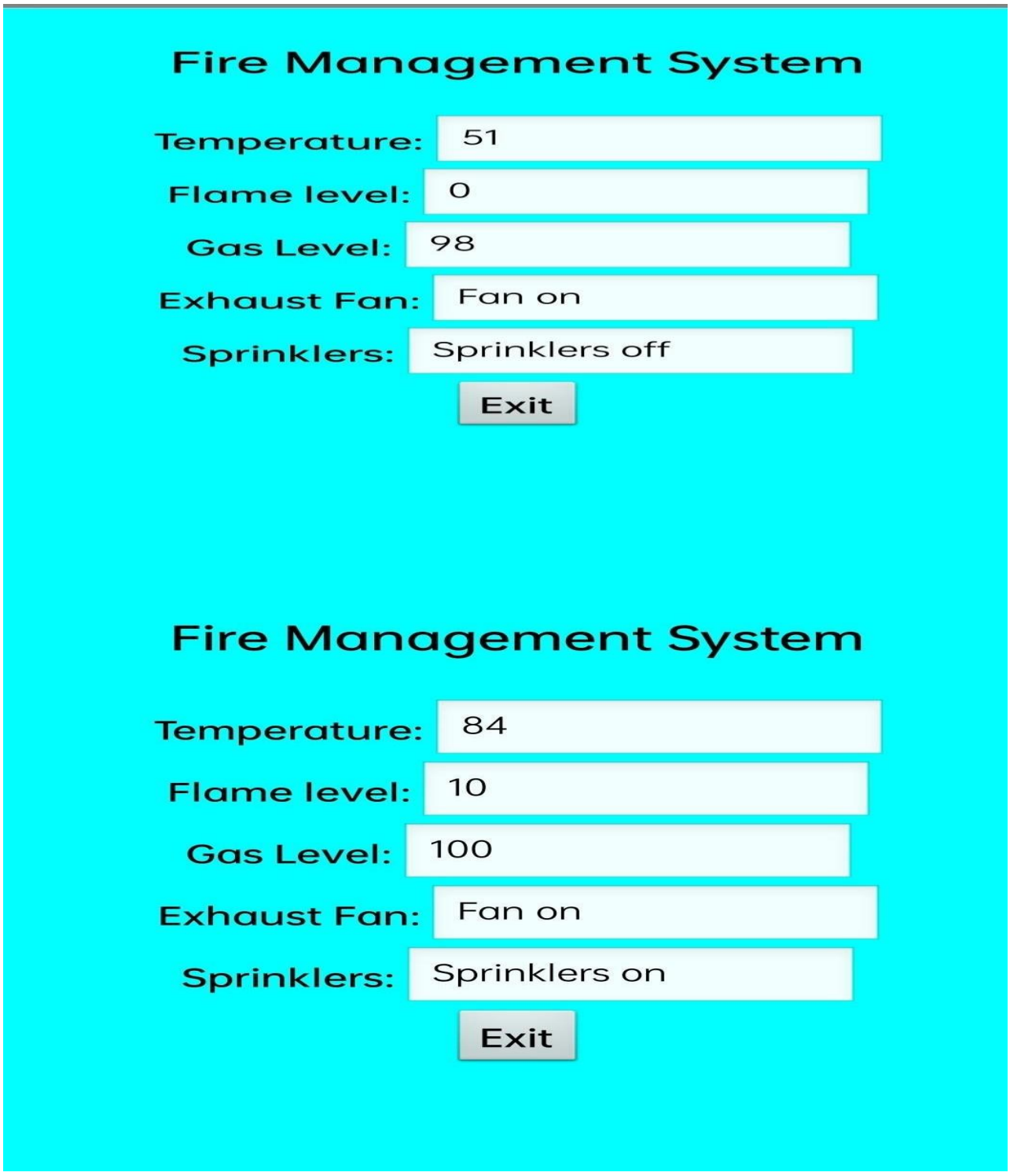
Fire Management System
Temperature: 51
Flame level: 0
Gas Level: 98
Exhaust Fan: Fan on
Sprinklers: Sprinklers off
Exit
Fire Management System
Temperature: 84
Flame level: 10
Gas Level: 100
Exhaust Fan: Fan on
Sprinklers: Sprinklers on
Exit