

Project Development

Phase

Sprint – IV

| | |
|--------------|--|
| Date | 13 November 2022 |
| Team ID | PNT2022TMID15234 |
| Project Name | Industry-Specific Intelligent Fire Management System |

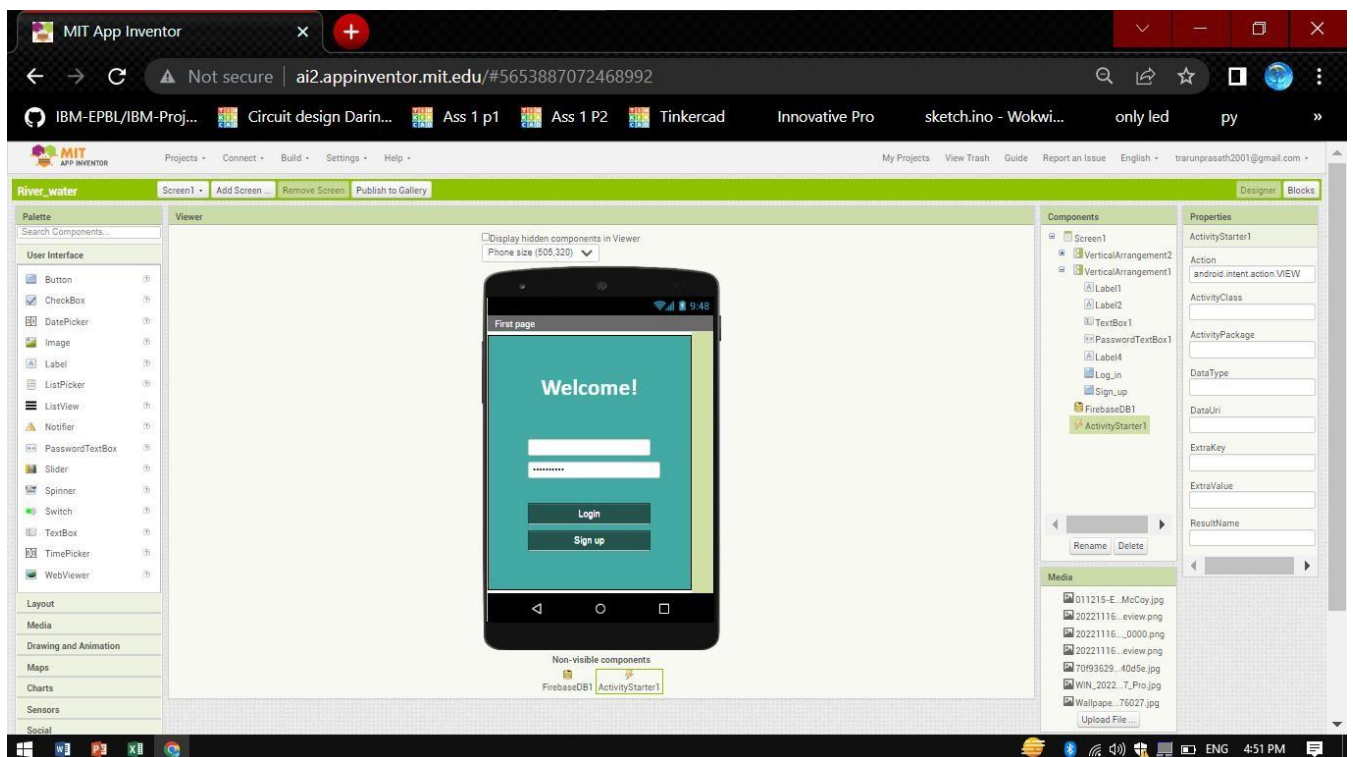
LINK: <http://ai2.appinventor.mit.edu/b/2lgwf>

LINK: <https://wokwi.com/projects/347685130732569171>

LINK: <https://wokwi.com/projects/348658884417684052>

IMAGES OF MIT-APP INVERTER :

SCREEN 1:



SCREEN 1 Block Codes:

The screenshot shows the MIT App Inventor web interface. The browser address bar displays `ai2.appinventor.mit.edu/#5653887072468992`. The project is named "River_water". The "Blocks" palette on the left includes categories like Built-in, Control, Logic, Math, Text, Lists, Dictionaries, Colors, Variables, Procedures, and Screen1. The "Media" palette lists various image files. The "Designer" view shows a mobile app interface with a "Log_in" button and a "Sign_up" button. The "Blocks" view shows the following code:

```
when Log_in Click
do
  call FirebaseDB1.GetValue
  tag TextBox1.Text
  valueIfTagNotThere NA

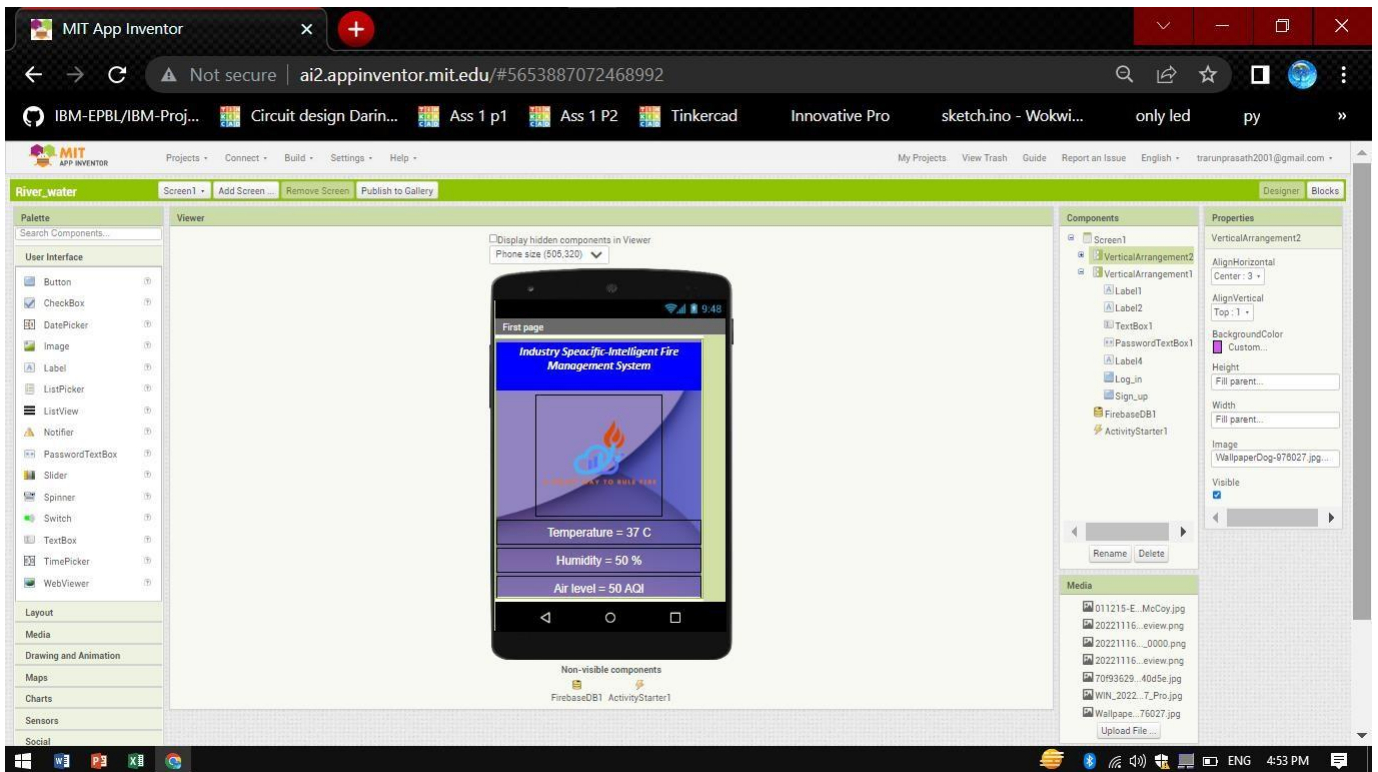
when Sign_up Click
do
  call FirebaseDB1.StoreValue
  tag TextBox1.Text
  valueToStore PasswordTextBox1.Text

when FirebaseDB1 GotValue
tag value
do
  if get tag == TextBox1.Text
  then
    if get value == PasswordTextBox1.Text
    then
      set VerticalArrangement1.Visible to false
      set VerticalArrangement2.Visible to true
    else
      set Label2.Text to Wrogn Username & Password
```

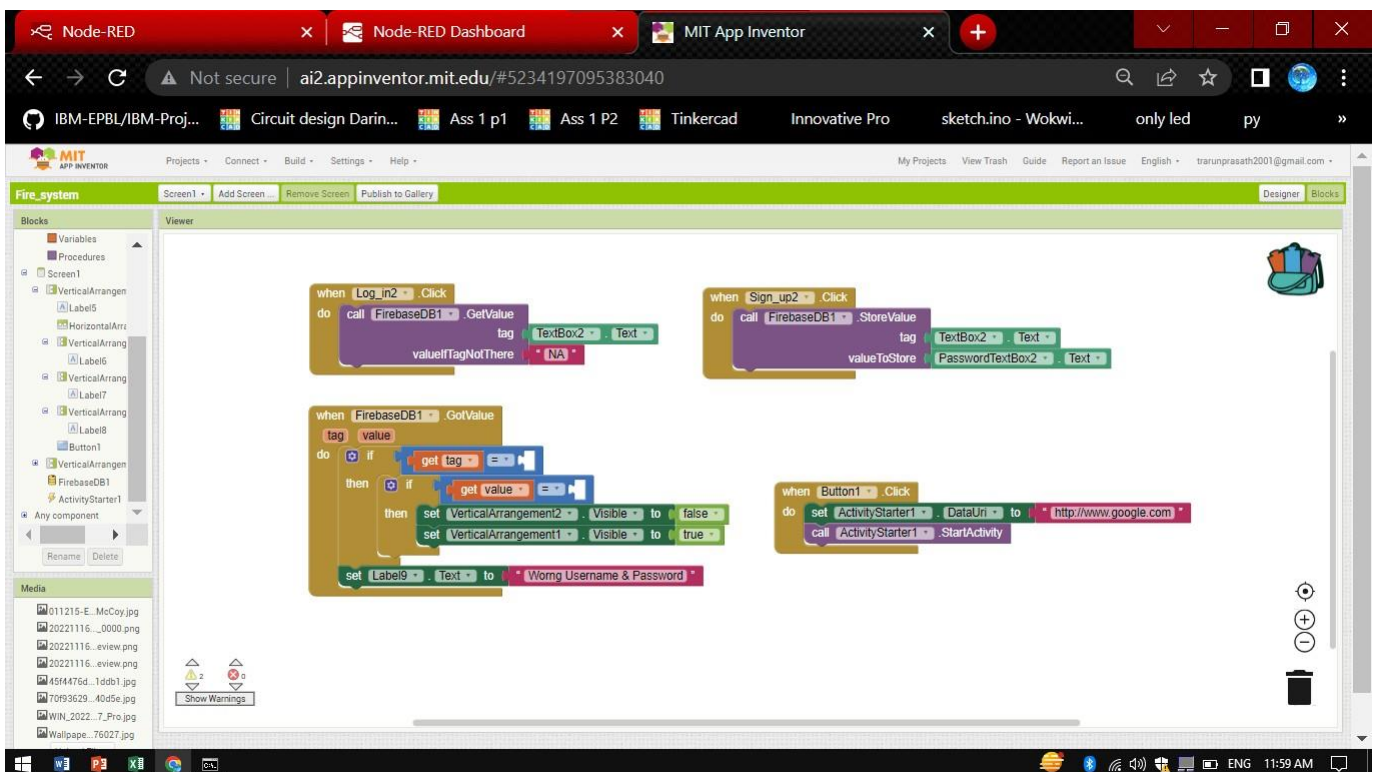
SCREEN 2:

The screenshot shows the MIT App Inventor web interface with the project named "Fire_system". The browser address bar displays `ai2.appinventor.mit.edu/#5234197095383040`. The "Components" palette on the left lists various UI components like Button, CheckBox, DatePicker, Image, Label, ListPicker, ListView, Notifier, PasswordTextBox, Slider, Spinner, Switch, TextBox, TimePicker, and WebView. The "Media" palette lists various image files. The "Designer" view shows a mobile app interface with a "First page" screen. The screen displays a "Industry Specific Intelligent Fire Management System" title, a "Temperature" label, a "Humidity" label, and an "Air level" label. The "Properties" view on the right shows the properties for the "VerticalArrangement2" component, including "AlignHorizontal", "AlignVertical", "BackgroundColor", "Height", "Width", and "Image".

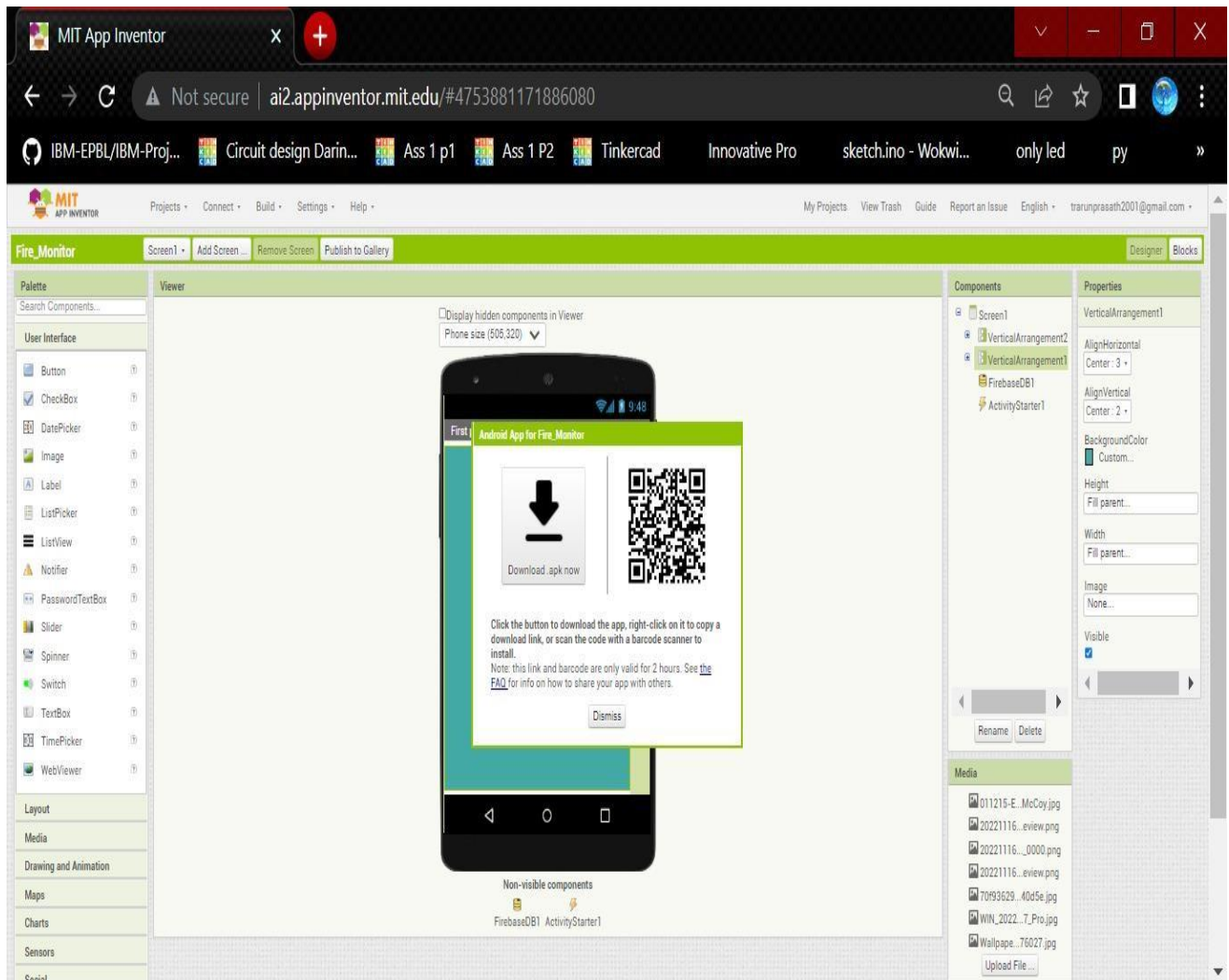
SCREEN 2 Outputs:



SCREEN 2 Block Codes:



Qr code for application



First page

Industry Speacific-Intelligent Fire Management System



Temperature

Humidity

Air level

View Data

First page

Industry Speacific-Intelligent Fire Management System



A SMART WAY TO RULE FIRE

Temperature = 37 C

Humidity = 50 %

Air level = 50 AQI

Screen3

Water Sprinckler

ON

OFF

Screen2

Exhaust Fan Status

ON

OFF

