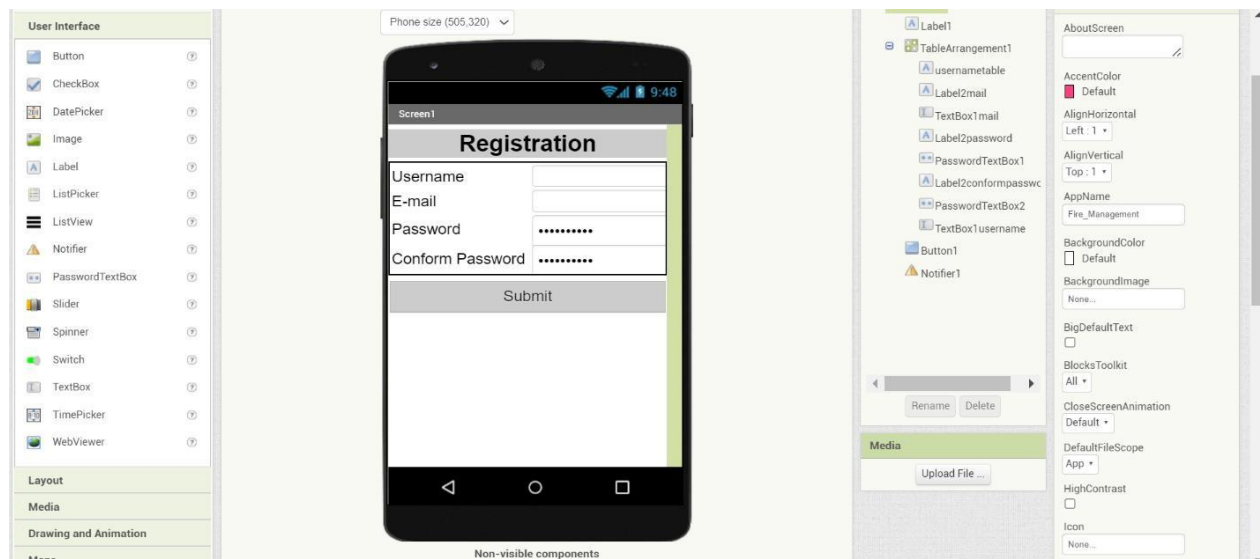


## Sprint-4

Date	19 November 2022
Team ID	PNT2022TMID20427
Project Name	Industry-Specific Intelligent Fire Management System

Register for the application by entering email, password, and confirming the password:

Design:




Block:



Alert if entered email is wrong:

3:59



Screen1

# Registration

Username	<input type="text" value="firestation"/>
E-mail	<input type="text" value="f"/>
Password	<input type="text" value="password"/>
Conform Password	<input type="text" value="conform password"/>

Submit

Invalid Email

III

O

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Alert if entered password is wrong:

The image shows a mobile application interface for registration. At the top, a green status bar displays the time 3:59 and various icons. Below it, a grey header bar contains the text "Screen1". The main content area has a grey title bar with the word "Registration" in bold. Below the title bar, there are four input fields: "Username" with the value "firestation", "E-mail" with the value "tion987@gmail.com", "Password" with two dots and a cursor, and "Conform Password" with the value "conform password". The "Password" field is highlighted with an orange border. Below the input fields is a grey button labeled "Submit". At the bottom of the screen, a dark grey bar contains the text "Different Password" in white. The very bottom of the screen shows a black navigation bar with three icons: a hamburger menu, a circle, and a back arrow.

3:59

Screen1

## Registration

Username firestation

E-mail tion987@gmail.com

Password ..

Conform Password conform password

Submit

Different Password

Alert if password entered in conform password is wrong:

7:09 [icons] [status icons]

Screen1

## Registration

Username

E-mail

Password

Conform Password

Submit

Different Password



Submit Registration:

The image shows a mobile application interface for registration. At the top, there is a status bar with the time 4:00 and various icons. Below it is a header bar labeled "Screen1". The main content area has a title "Registration" in a large, bold font. Below the title are four input fields: "Username" with the value "firestation", "E-mail" with the value "tion987@gmail.com", "Password" with masked characters ".....", and "Conform Password" with masked characters ".....". The "Conform Password" field is highlighted with an orange border. Below the input fields is a "Submit" button. At the bottom of the screen, there is a dark bar with three icons: a hamburger menu, a circle, and a back arrow. A message box at the bottom of the screen displays the text "Submission was successful".

4:00

Screen1

## Registration

Username firestation

E-mail tion987@gmail.com

Password .....

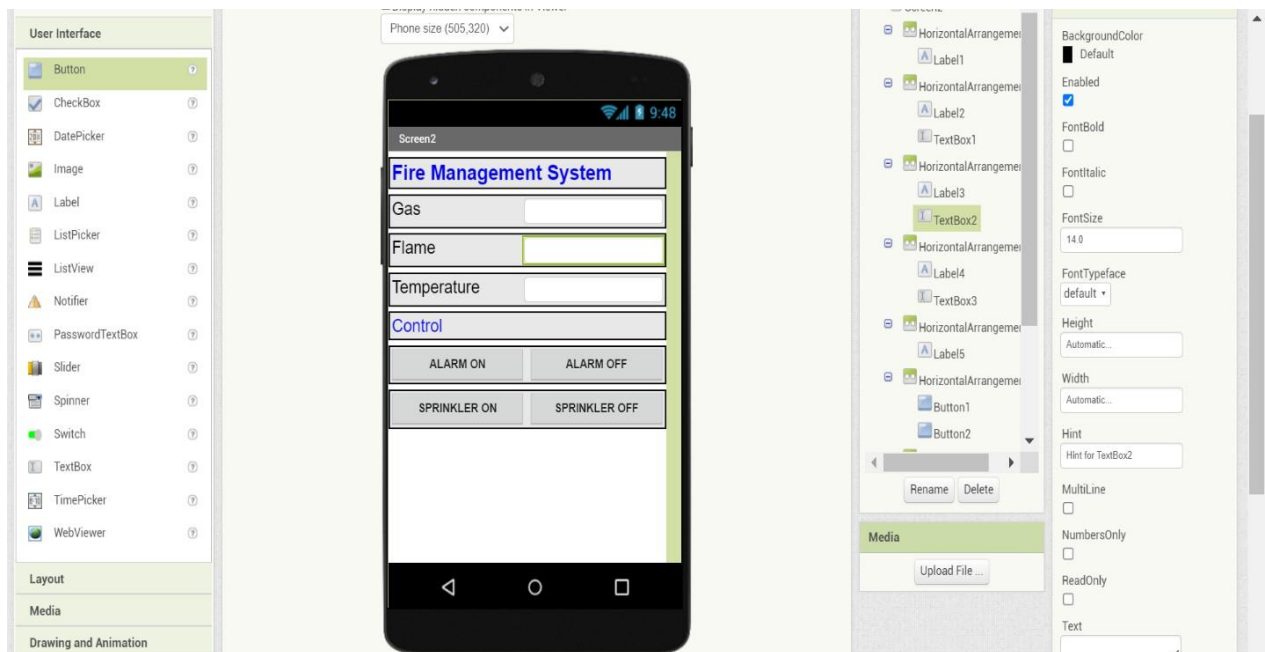
Conform Password .....

Submit

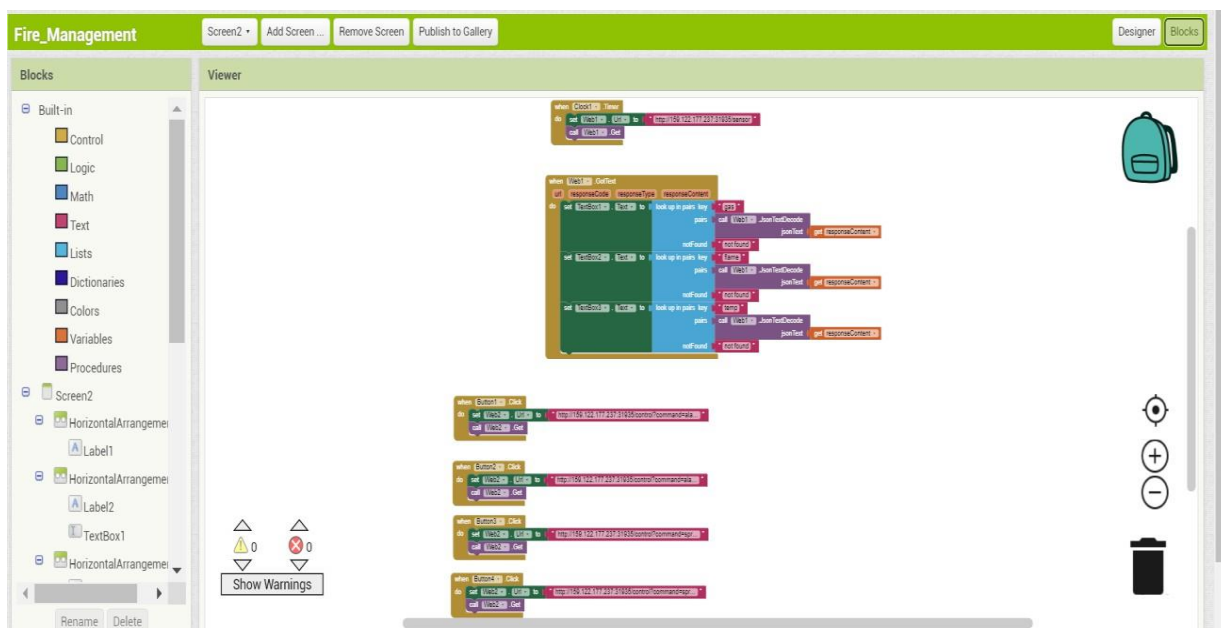
Submission was successful

Display gas, flame and temperature sensor values:

Design:











Block:



**Turning the alarm ON whenever temperature, gas, flame exceeds a particular value, Turning the alarm OFF:**

6:40





Screen2

# Fire Management System

Gas	12
Flame	0
Temperature	52

Control

ALARM ON

SPRINKLER ON

ALARM OFF

SPRINKLER OFF

11/18/2022, 4:01:29 PM node: c20d12b97cbb6b1b

msg.payload : Object

▶ { command: "alarmon" }

---

11/18/2022, 4:01:29 PM node: c20d12b97cbb6b1b

msg.payload : string[7]

"alarmon"

---

11/18/2022, 4:01:31 PM node: c20d12b97cbb6b1b

msg.payload : Object

▶ { command: "sprinkleron" }

---

11/18/2022, 4:01:31 PM node: c20d12b97cbb6b1b

msg.payload : string[11]

"sprinkleron"

---

11/18/2022, 4:02:52 PM node: c20d12b97cbb6b1b

msg.payload : Object

▶ { command: "alarmoff" }

---

11/18/2022, 4:02:52 PM node: c20d12b97cbb6b1b

msg.payload : string[8]

"alarmoff"

---

11/18/2022, 4:02:54 PM node: c20d12b97cbb6b1b

msg.payload : Object

▶ { command: "sprinkleroff" }

---

11/18/2022, 4:02:54 PM node: c20d12b97cbb6b1b

msg.payload : string[12]

"sprinkleroff"



**Turning the sprinkler ON whenever temperature, gas, flame exceeds a particular value, Turning the sprinkler OFF:**

The screenshot shows a mobile application interface for a 'Fire Management System'. At the top, there is a status bar with the time '6:40', signal strength, and battery level. Below the status bar, the title 'Screen2' is displayed. The main heading is 'Fire Management System' in a large, bold, blue font. Underneath, there are three sensor readings: 'Gas' with a value of '12', 'Flame' with a value of '0', and 'Temperature' with a value of '52'. Each reading is displayed next to a white input field. Below the sensor readings, there is a section titled 'Control' in a blue font. This section contains four buttons arranged in a 2x2 grid: 'ALARM ON', 'ALARM OFF', 'SPRINKLER ON', and 'SPRINKLER OFF'. The buttons are gray with black text. At the bottom of the screen, there is a black navigation bar with three white icons: a vertical bar (hamburger menu), a circle (home), and a left-pointing arrow (back).

11/18/2022, 4:01:29 PM node: c20d12b97cbb6b1b

msg.payload : Object

▶ { command: "alarmon" }

---

11/18/2022, 4:01:29 PM node: c20d12b97cbb6b1b

msg.payload : string[7]

"alarmon"

---

11/18/2022, 4:01:31 PM node: c20d12b97cbb6b1b

msg.payload : Object

▶ { command: "sprinkleron" }

---

11/18/2022, 4:01:31 PM node: c20d12b97cbb6b1b

msg.payload : string[11]

"sprinkleron"

---

11/18/2022, 4:02:52 PM node: c20d12b97cbb6b1b

msg.payload : Object

▶ { command: "alarmoff" }

---

11/18/2022, 4:02:52 PM node: c20d12b97cbb6b1b

msg.payload : string[8]

"alarmoff"

---

11/18/2022, 4:02:54 PM node: c20d12b97cbb6b1b

msg.payload : Object

▶ { command: "sprinkleroff" }

---

11/18/2022, 4:02:54 PM node: c20d12b97cbb6b1b

msg.payload : string[12]

"sprinkleroff"