

Sprint-4

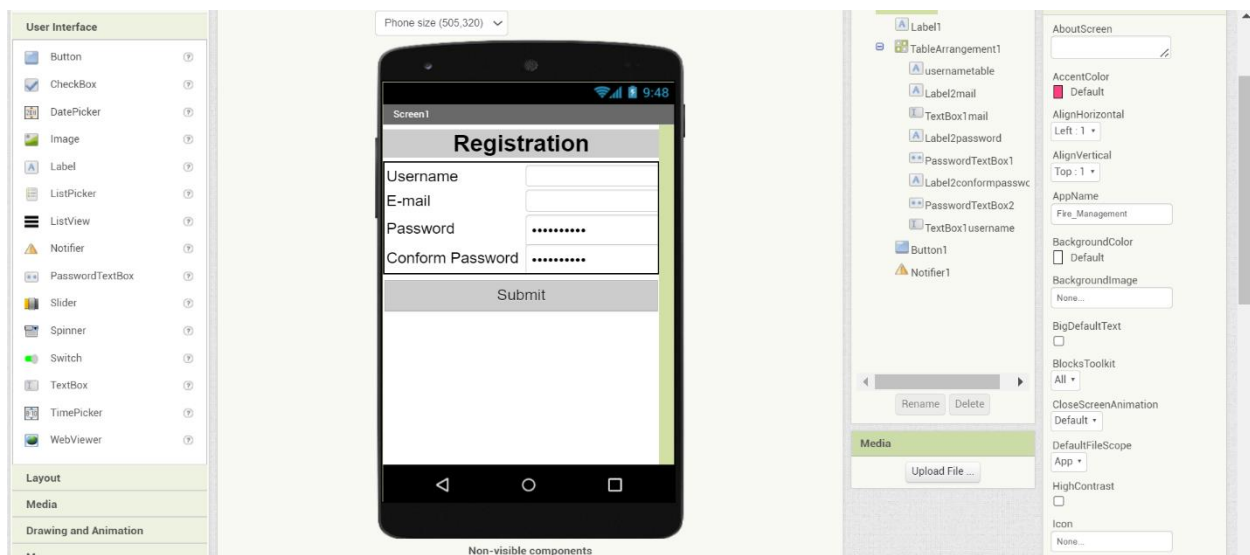
Date	18 November 2022
Team ID	PNT2022TMID34904
Project Name	Industry-Specific Intelligent Fire Management System

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

Submitted by: Fershia G Geona

Student Roll number: 962819106014

Design:



Block:



Alert if entered email is wrong:

The image shows a mobile application interface for a registration form. At the top, a status bar displays the time 3:59 and various connectivity icons. Below this is a header bar labeled 'Screen1'. The main title of the form is 'Registration'. There are four input fields: 'Username' with the value 'firestation', 'E-mail' with the value 'f', 'Password' with the value 'password', and 'Conform Password' with the value 'conform password'. The 'E-mail' field is highlighted with an orange border. Below the input fields is a 'Submit' button. At the bottom of the screen, a dark grey bar contains three icons: a hamburger menu, a circle, and a back arrow. A dark grey alert box with the text 'Invalid Email' is positioned in the center of the screen, below the 'Submit' button.

3:59

Screen1

Registration

Username firestation

E-mail f

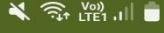
Password password

Conform Password conform password

Submit

Invalid Email

Alert if entered password is wrong:

3:59 


Screen1

Registration

Username	<input type="text" value="firestation"/>
E-mail	<input type="text" value="tion987@gmail.com"/>
Password	<input type="password" value=".."/>
Conform Password	<input type="text" value="conform password"/>

Submit

Different Password



Alert if password entered in conform password is wrong:

7:09 [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, a status bar displays the time 4:00 and various icons. Below it, a header bar labeled 'Screen1' contains the title 'Registration'. The form consists of four input fields: 'Username' with the value 'firestation', 'E-mail' with 'tion987@gmail.com', 'Password' with masked characters, and 'Conform Password' also with masked characters. The 'Conform Password' field is highlighted with an orange border. A 'Submit' button is located below the form. At the bottom of the screen, a dark grey message box states 'Submission was successful'. The very bottom of the screen features a standard Android navigation bar with icons for the app drawer, home, and back.

4:00

Screen1

Registration

Username firestation

E-mail tion987@gmail.com

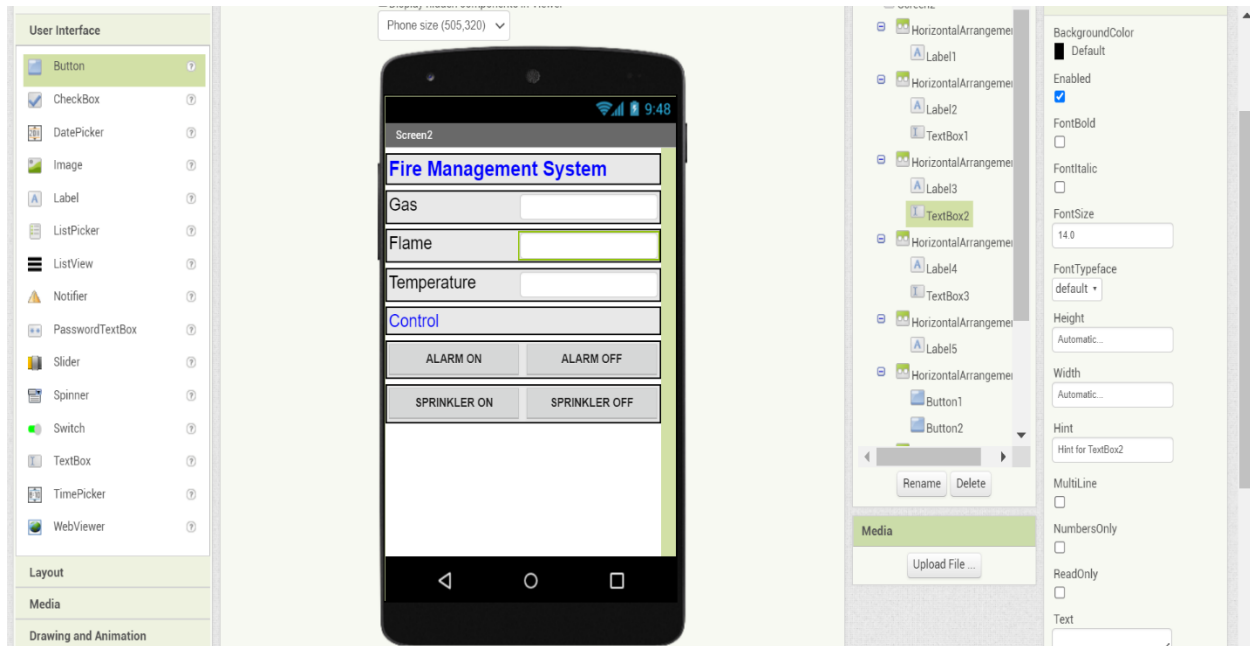
Password

Conform Password

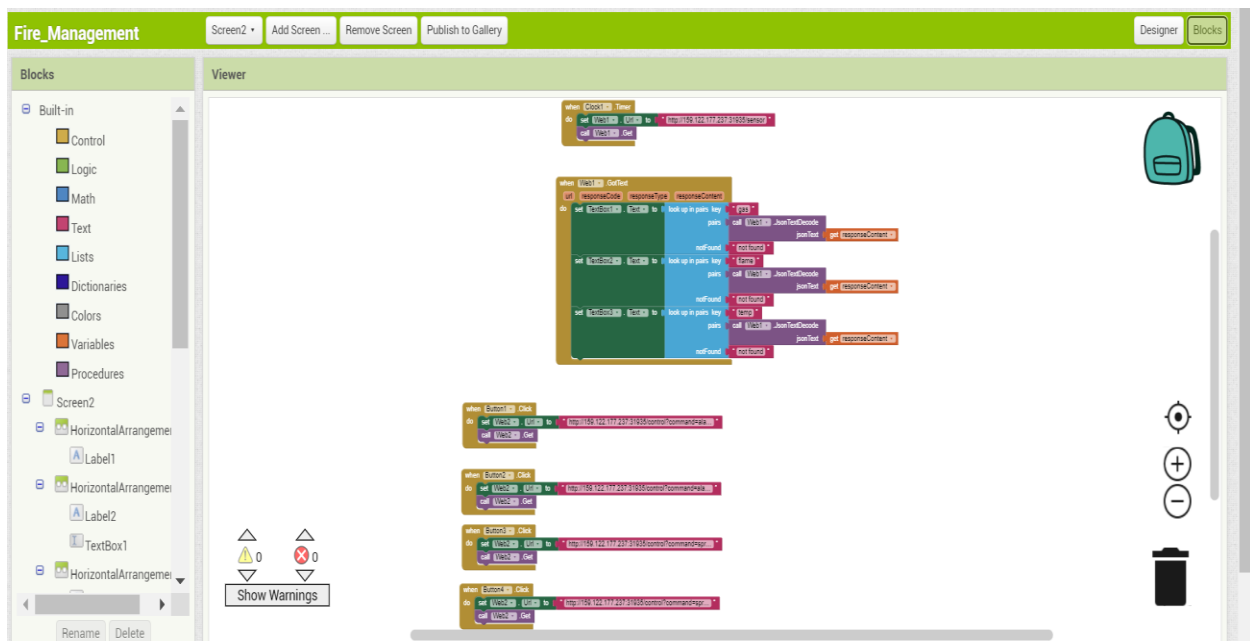
Submit

Submission was successful

Design:



Block:



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

Submitted by: Fershia G Geona, Reshma Xavier

Student Roll number: 962819106014, 962819106033

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 blue. There are three input fields for sensor readings: 'Gas' with a value of 12, 'Flame' with a value of 0, and 'Temperature' with a value of 52. Below these fields is a section titled 'Control' in blue. This section contains four buttons arranged in a 2x2 grid: 'ALARM ON', 'ALARM OFF', 'SPRINKLER ON', and 'SPRINKLER OFF'. At the bottom of the screen, there is a navigation bar with three icons: a hamburger menu, a home button, and a back arrow.

Sensor	Value
Gas	12
Flame	0
Temperature	52

Control

ALARM ON	ALARM OFF
SPRINKLER ON	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"



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"