

PROJECT DEVELOPMENT PHASE

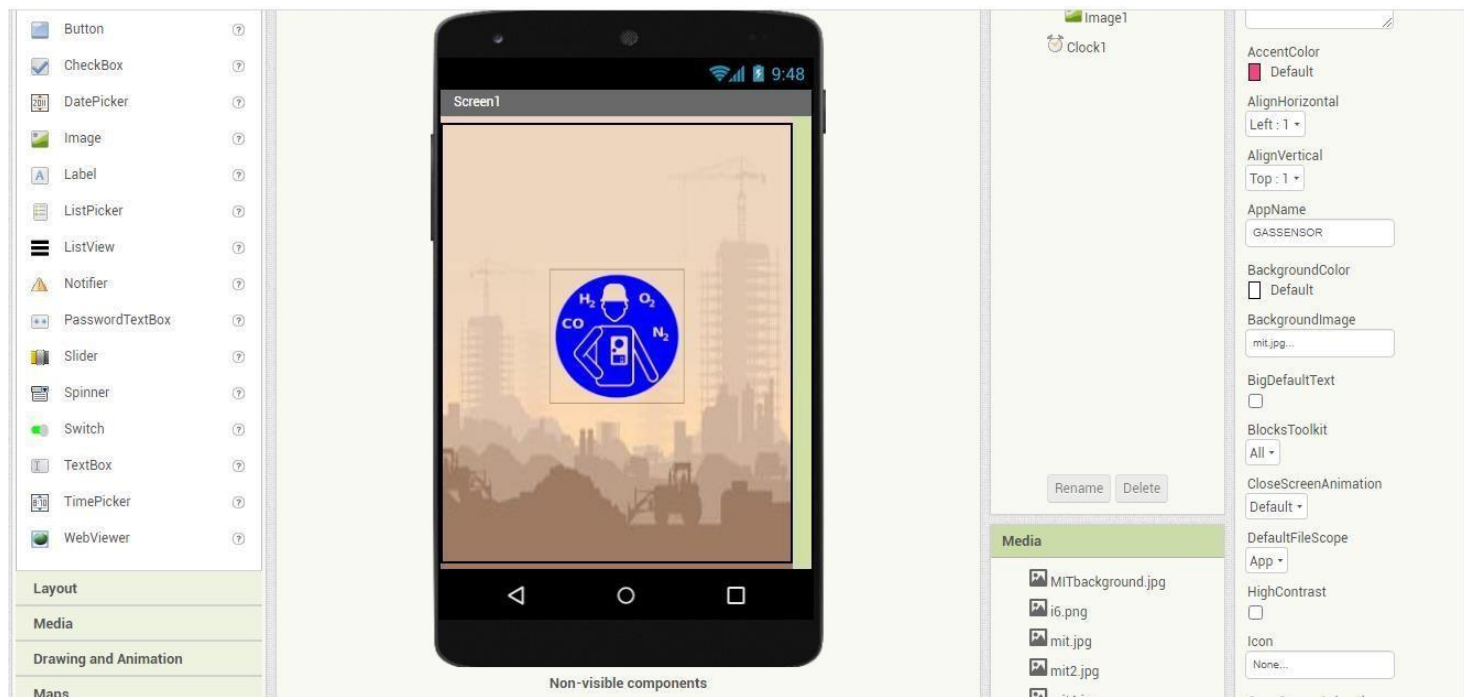
Delivery Of Sprint-1

Date	25 th NOVEMBER 2022
Team ID	PNT2022TMID29330
Project Name	GAS LEAKAGE MONITORING AND ALERTING SYSTEM FOR INDUSTRIES

SPRINT 1:

Registration and Login Credentials.

Front End Of Screen-1 :



Back End Of Screen-2 :

The screenshot displays the GASSENSOR app interface. At the top, a green header bar contains the app name "GASSENSOR" and navigation buttons: "Screen1", "Add Screen ...", "Remove Screen", and "Publish to Gallery". On the right side of the header are "Designer" and "Blocks" tabs.

The interface is divided into two main sections: "Blocks" on the left and "Viewer" on the right.

Blocks Panel:

- Built-in:**
 - Control
 - Logic
 - Math
 - Text
 - Lists
 - Dictionaries
 - Colors
 - Variables
 - Procedures
- Screen1:**
 - VerticalArrangement1
 - Image1
 - Clock1
- Any component**

Viewer Panel:

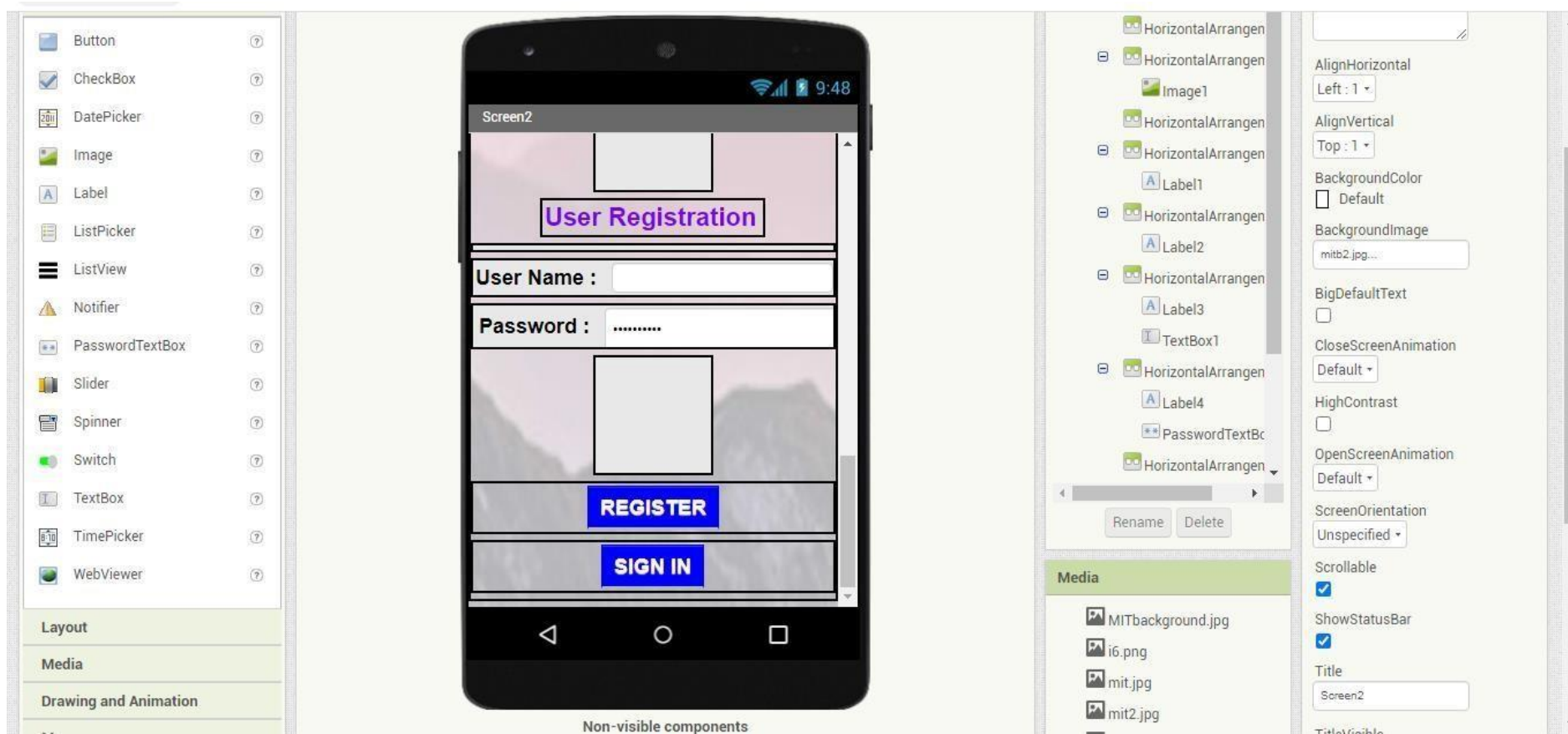
The central workspace shows a script block with the following logic:

```
when Clock1.Timer
do open another screen screenName Screen2
```

At the bottom left of the viewer, there are two warning indicators (a yellow triangle and a red X) both showing a count of 0, with a "Show Warnings" button below them.

On the right side of the viewer, there is a vertical toolbar with icons for zooming in (+), zooming out (-), and a trash can icon at the bottom.

Front End Of Screen-2 :



Back End Of Screen-2 :

GASSENSOR Screen2 Add Screen ... Remove Screen Publish to Gallery Designer Blocks

Blocks

- Built-in
 - Control
 - Logic
 - Math
 - Text
 - Lists
 - Dictionaries
 - Colors
 - Variables
 - Procedures
- Screen2
 - VerticalArrangement1
 - HorizontalArrangement1
 - Image1
 - HorizontalArrangement1
 - HorizontalArrangement1

Viewer

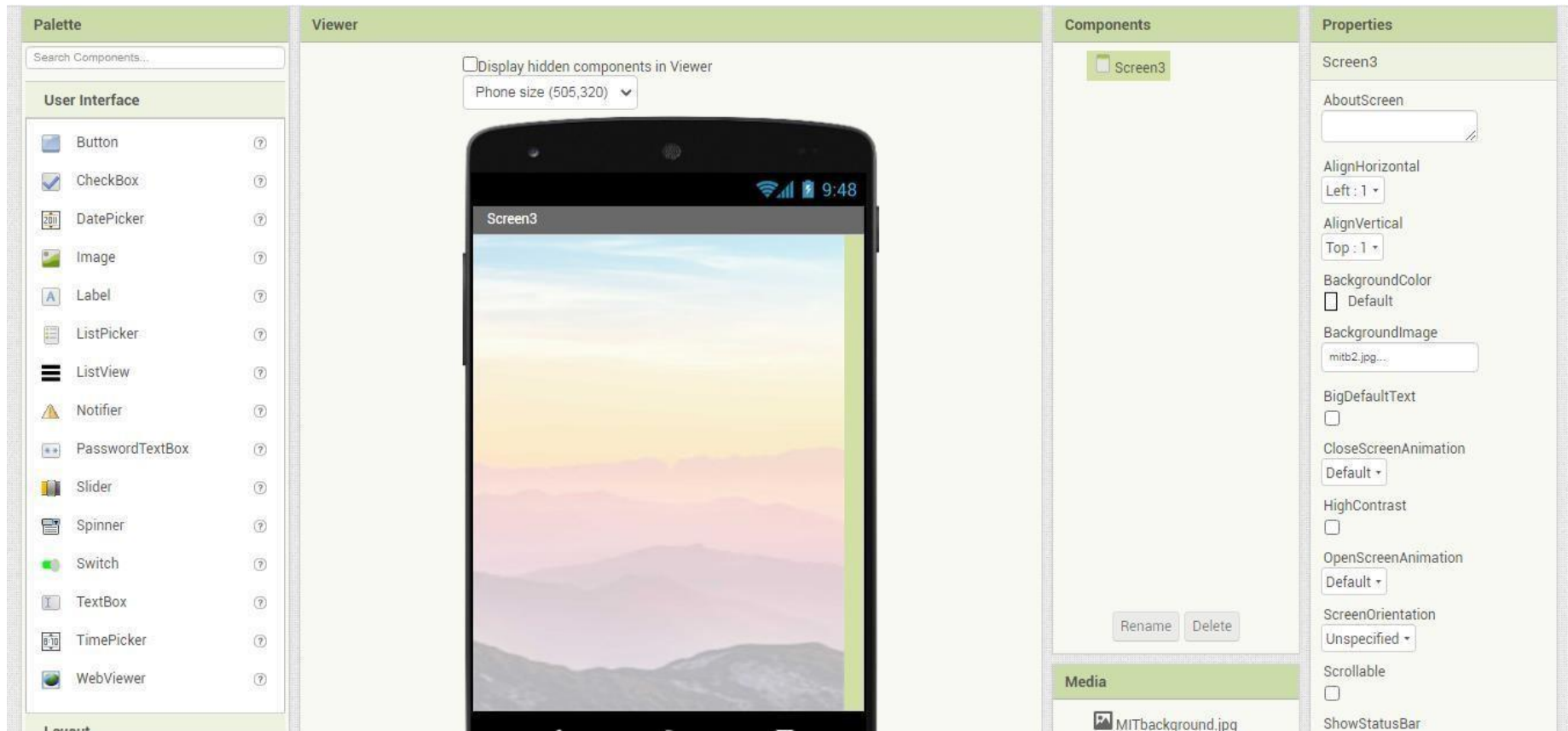
when Button2 .Click
do
call FirebaseDatabase1 .GetValue
tag TextBox1 . Text
valueIfTagNotThere " NA "

when Button1 .Click
do
call FirebaseDatabase1 .StoreValue
tag TextBox1 . Text
valueToStore PasswordTextBox1 . Text

when FirebaseDatabase1 .GotValue
tag value
do
if
get tag = TextBox1 . Text
then
if
get value = PasswordTextBox1 . Text
then
open another screen screenName Screen3
set Label2 . Text to " Wrong User Name & Password "

Show Warnings

Screen-3 :



Realtime Database :

It is used to store the registered User name and Password.

The screenshot displays the Firebase Realtime Database interface. On the left is a dark sidebar with the 'Firebase' logo and navigation links: 'Project Overview', 'Authentication', 'Realtime Database', 'Build', 'Release and monitor', 'Analytics', 'Engage', and 'All products'. The main panel shows the 'Realtime Database' for a project named 'GAS SENSOR'. A prominent red warning banner states: 'Your security rules are defined as public, so anyone can steal, modify or delete data in your database'. Below this, a JSON tree shows the database structure: a root node 'GASSENSOR' containing two entries, 'Sajee' with value '1234' and 'sajee' with value '123456'. The database URL is 'https://gas-sensor-786b6-default-rtdb.firebaseio.com/' and the location is 'United States (us-central1)'.

Warning: Your security rules are defined as public, so anyone can steal, modify or delete data in your database

```
https://gas-sensor-786b6-default-rtdb.firebaseio.com/
├── GASSENSOR
│   ├── Sajee: "1234"
│   └── sajee: "123456"
```

Database location: United States (us-central1)