

## PROJECT DEVELOPMENT PHASE

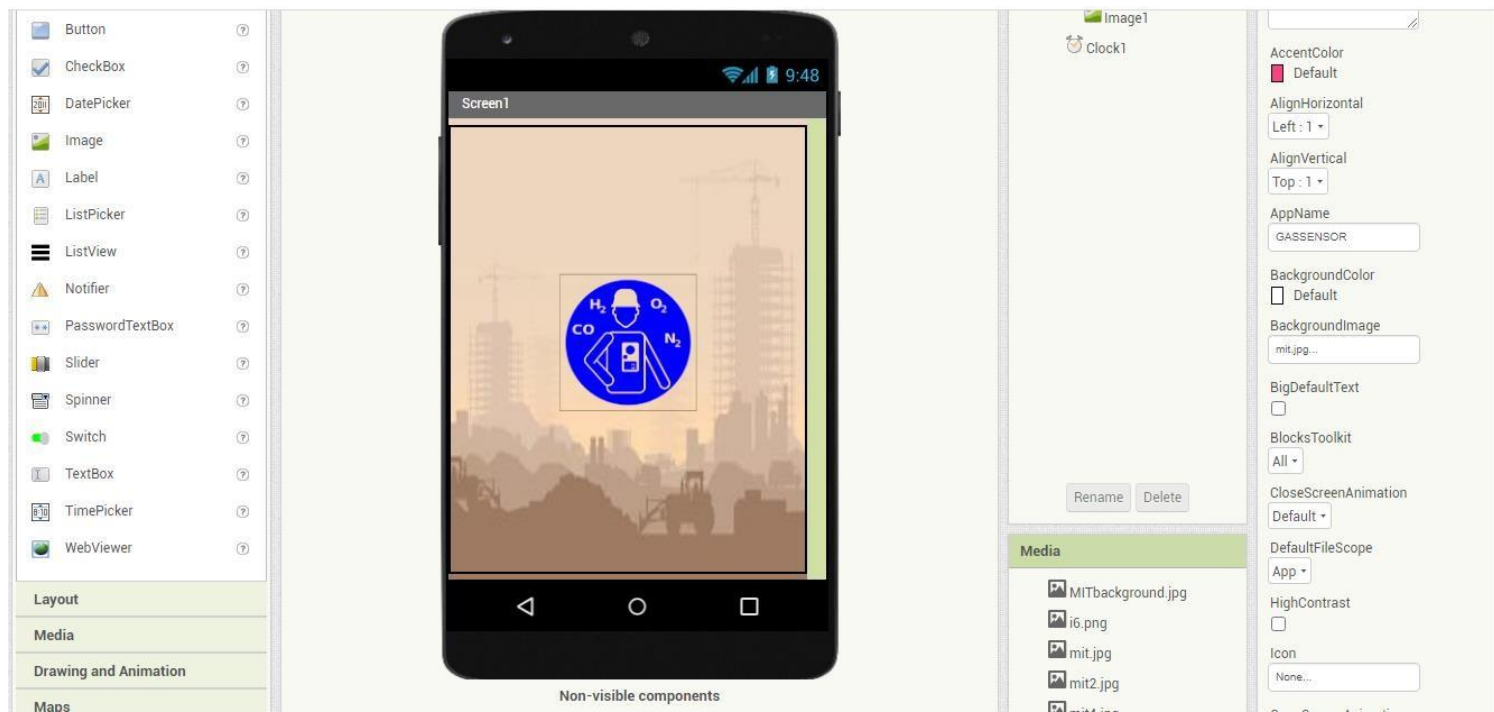
### Delivery Of Sprint-1

<b>Date</b>	10 NOVEMBER 2022
<b>Team ID</b>	PNT2022TMID05277
<b>Project Name</b>	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 GASENSOR app editor interface. The top bar is green and contains the text "GASENSOR" on the left, and buttons for "Screen1", "Add Screen ...", "Remove Screen", and "Publish to Gallery" in the center. On the right side of the top bar are buttons for "Designer" and "Blocks".

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:**

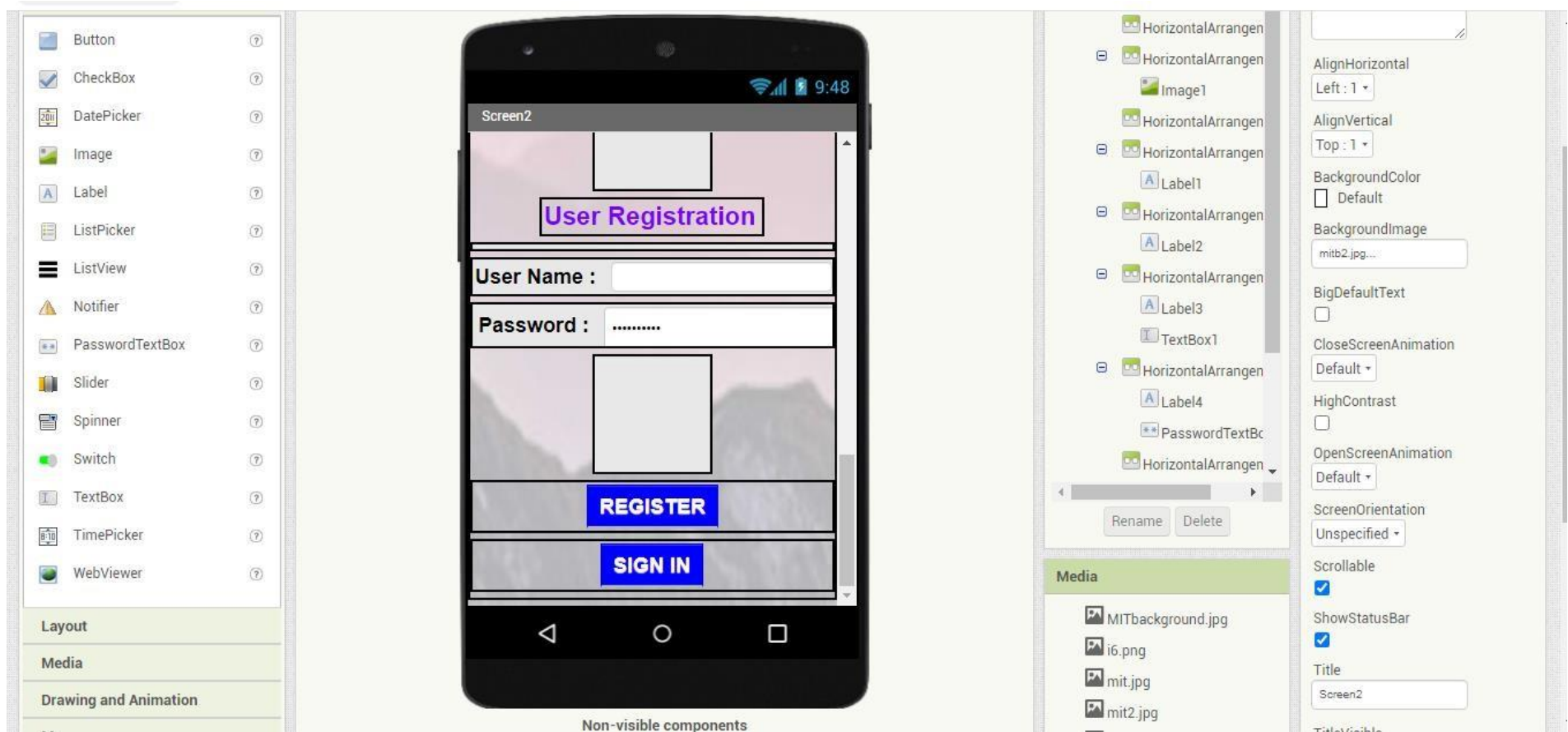
The central area shows a script block with the following logic:

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

At the bottom left of the viewer, there are two warning icons (a yellow triangle with an exclamation mark and a red circle with an X) each followed by the number "0", and a button labeled "Show Warnings".

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

## 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
    - HorizontalArrangen
  - HorizontalArrangen
    - Image1
    - HorizontalArrangen
    - HorizontalArrangen

**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

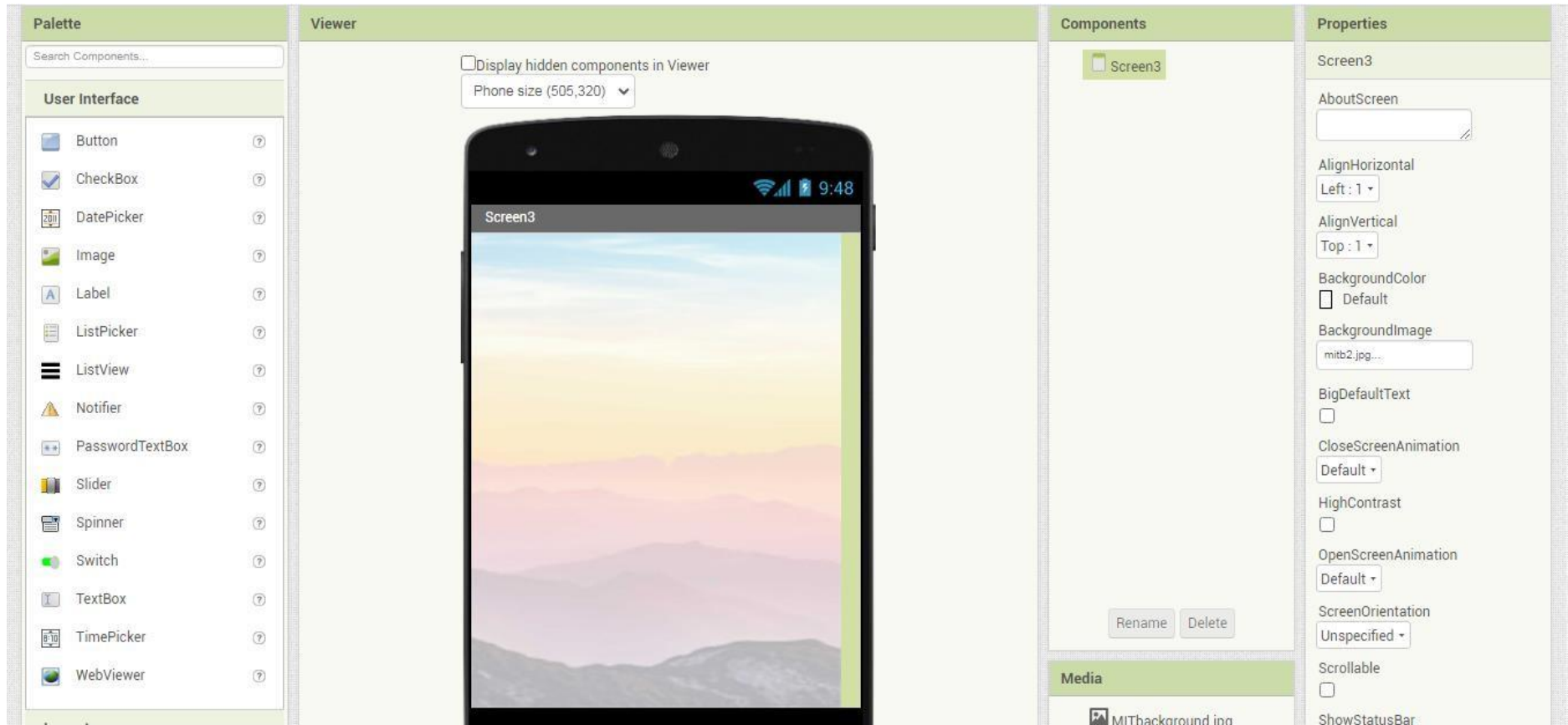
then

open another screen screenName Screen3

set Label2 . Text to " Wrong User Name & Password "

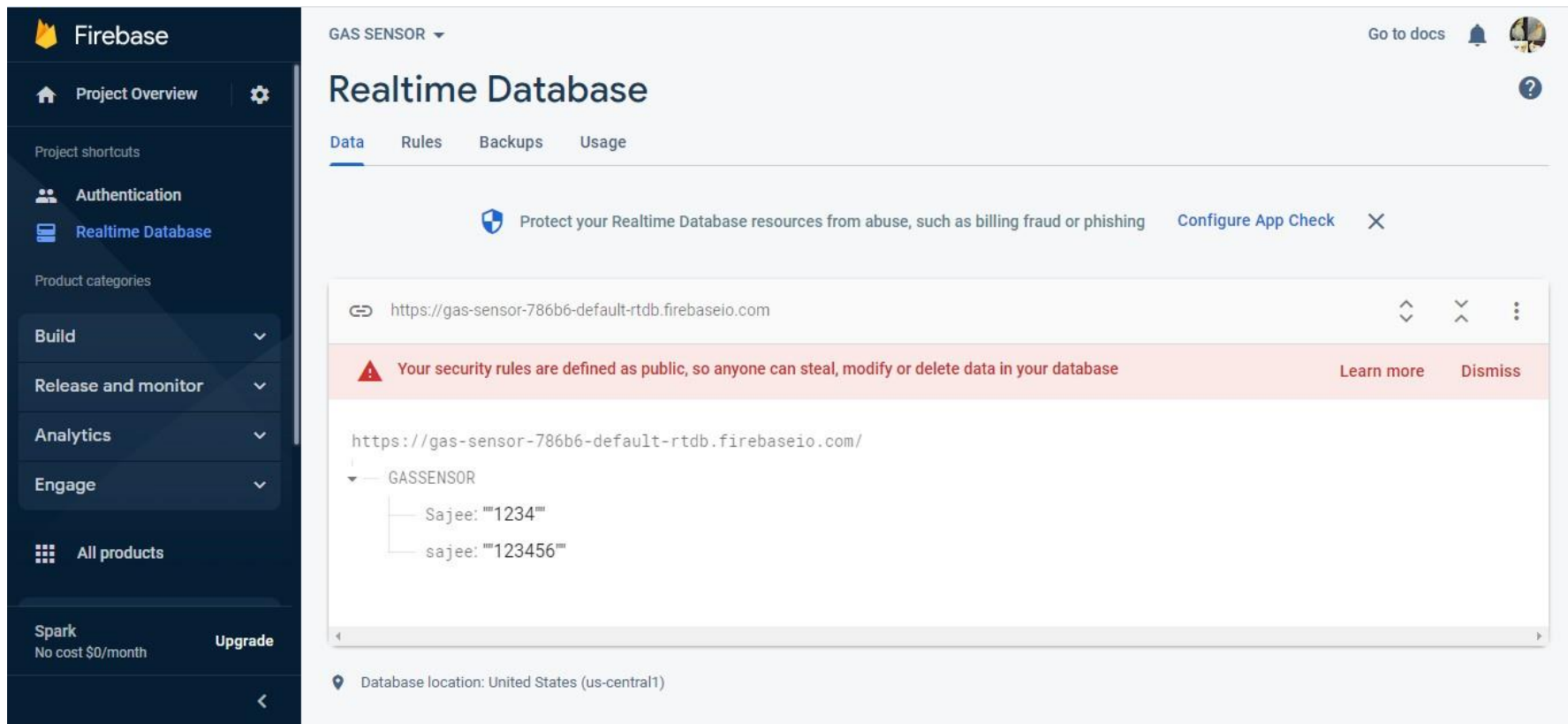
Show Warnings

### Screen-3 :



## Realtime Database :

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



The screenshot displays the Firebase Realtime Database interface for a project named "GAS SENSOR". The left sidebar shows the navigation menu with options like Project Overview, Authentication, Realtime Database, Build, Release and monitor, Analytics, Engage, and All products. The main content area shows the Realtime Database console with tabs for Data, Rules, Backups, and Usage. A prominent warning message states: "Your security rules are defined as public, so anyone can steal, modify or delete data in your database". Below this, the data tree shows a node named "GASSENSOR" containing two entries: "Sajee: ""1234"" and "sajee: ""123456"". The database location is noted as "United States (us-central1)".

Firebase

GAS SENSOR

Go to docs

# Realtime Database

Data Rules Backups Usage

Protect your Realtime Database resources from abuse, such as billing fraud or phishing [Configure App Check](#)

<https://gas-sensor-786b6-default-rtdb.firebaseio.com>

**Warning:** Your security rules are defined as public, so anyone can steal, modify or delete data in your database [Learn more](#) [Dismiss](#)

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

Database location: United States (us-central1)