

PROJECT DEVELOPMENT PHASE

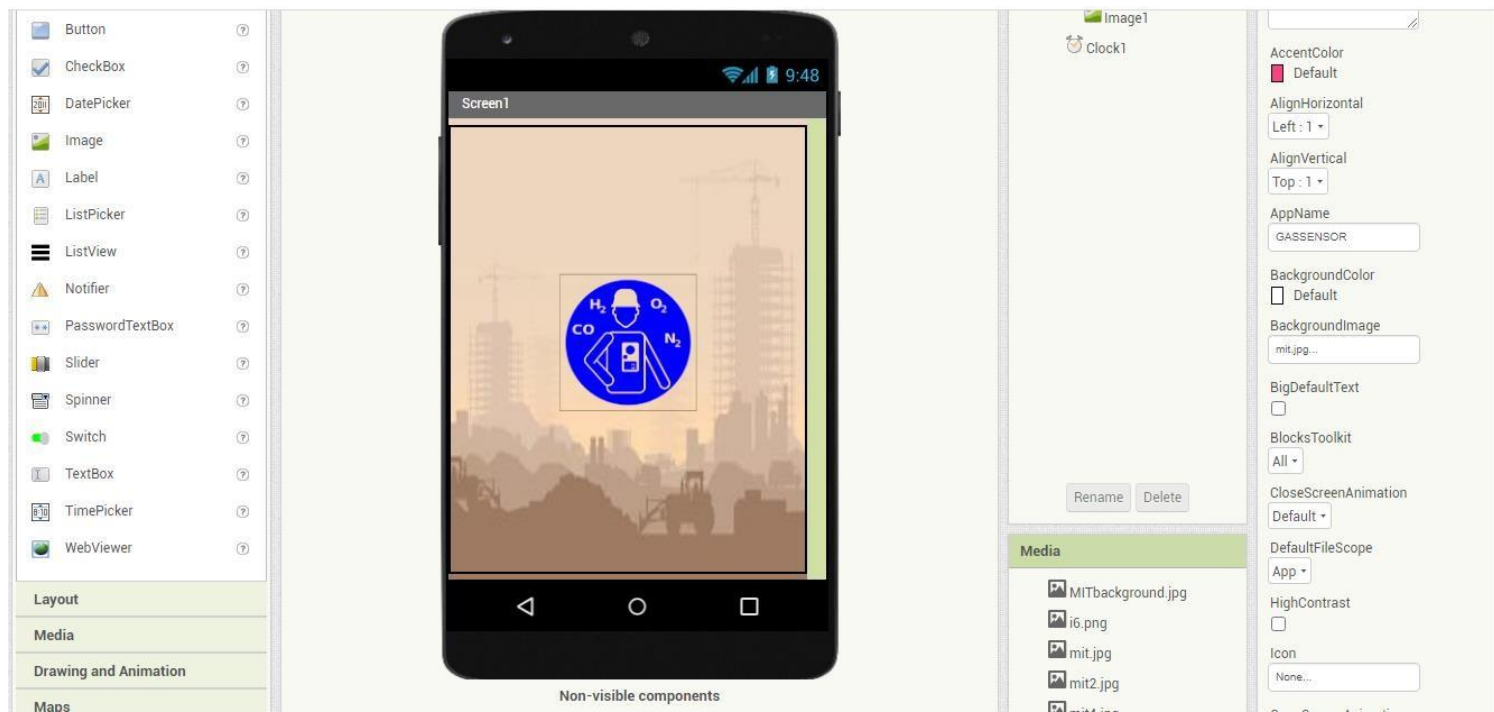
Delivery Of Sprint-1

Date	10 NOVEMBER 2022
Team ID	PNT2022TMID05250
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 GASENSOR app editor interface. The top bar is green and contains the text "GASENSOR" on the left, and "Screen1", "Add Screen ...", "Remove Screen", and "Publish to Gallery" buttons in the center. On the right side of the top bar are "Designer" and "Blocks" tabs.

The left sidebar, titled "Blocks", lists various categories of components:

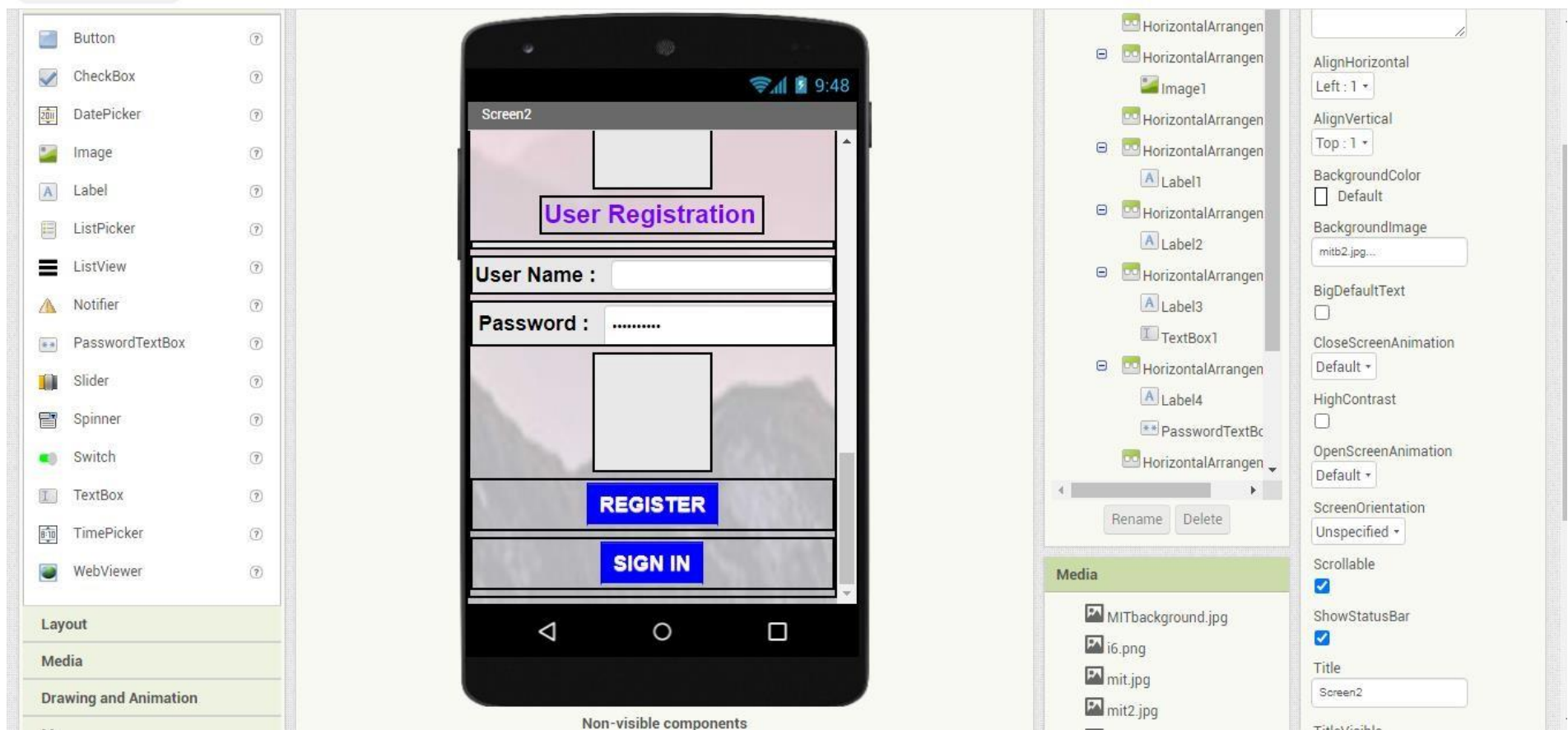
- Built-in
 - Control
 - Logic
 - Math
 - Text
 - Lists
 - Dictionaries
 - Colors
 - Variables
 - Procedures
- Screen1
 - VerticalArrangement1
 - Image1
 - Clock1
- Any component

The main workspace, titled "Viewer", shows a script block with the following logic:

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

At the bottom left of the workspace, there are two warning icons (a yellow triangle and a red circle with an X) each followed by the number "0", and a "Show Warnings" button below them. On the right side of the workspace, there is a vertical toolbar with icons for a folder, a target, a plus sign, a minus sign, and a trash can.

Front End Of Screen-2 :



Back End Of Screen-2 :

The screenshot displays the GASSENOR app development environment. The top bar includes the app name "GASSENOR" and navigation buttons: "Screen2", "Add Screen...", "Remove Screen", and "Publish to Gallery". On the right, there are "Designer" and "Blocks" tabs.

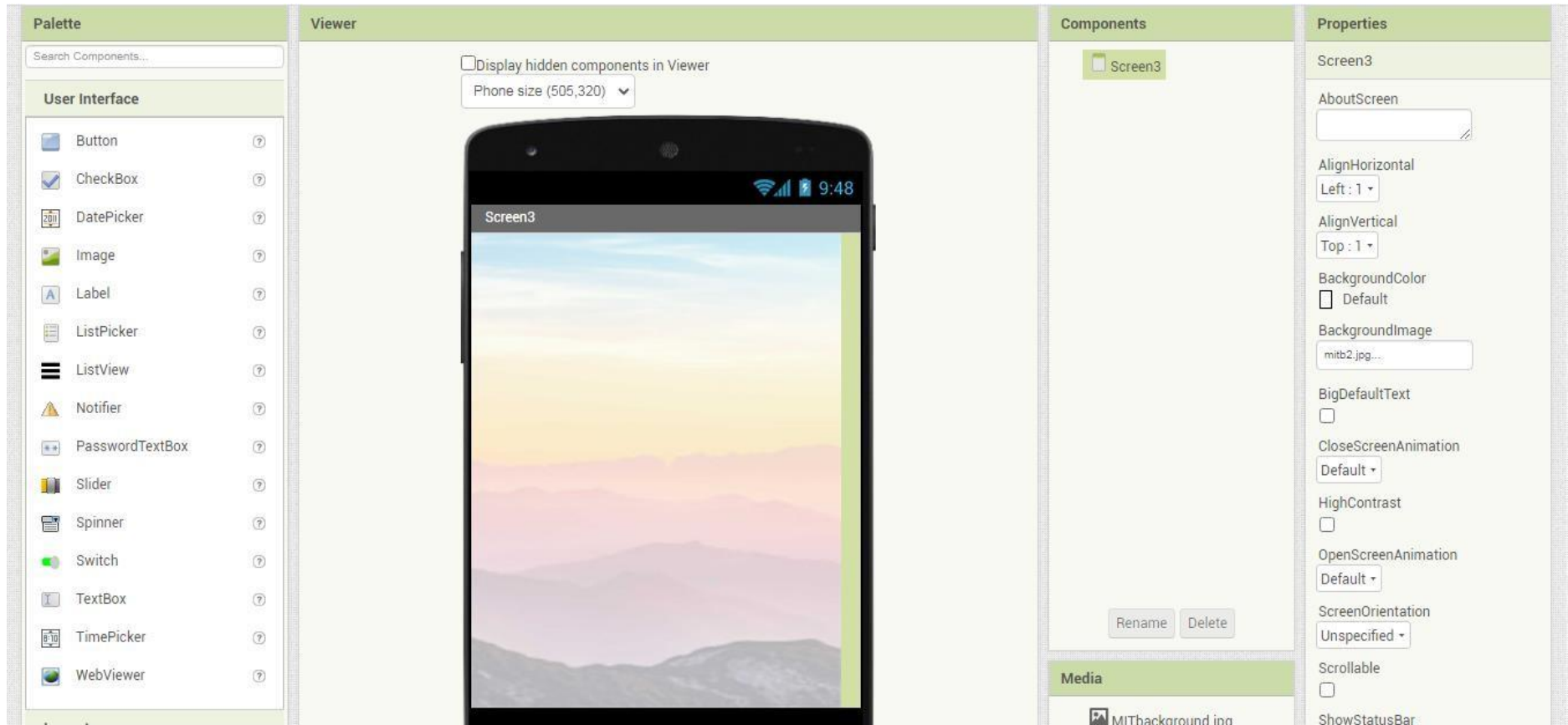
The left sidebar, titled "Blocks", lists various categories: Built-in (Control, Logic, Math, Text, Lists, Dictionaries, Colors, Variables, Procedures), Screen2, VerticalArrangement1, HorizontalArrangement1, Image1, and another HorizontalArrangement1.

The main "Viewer" area contains three logic blocks:

- when Button2 .Click**
do
call FirebaseDB1 .GetValue
tag TextBox1 . Text
valueIfTagNotThere " NA "
- when Button1 .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
open another screen screenName Screen3
else
set Label2 . Text to " Wrong User Name & Password "

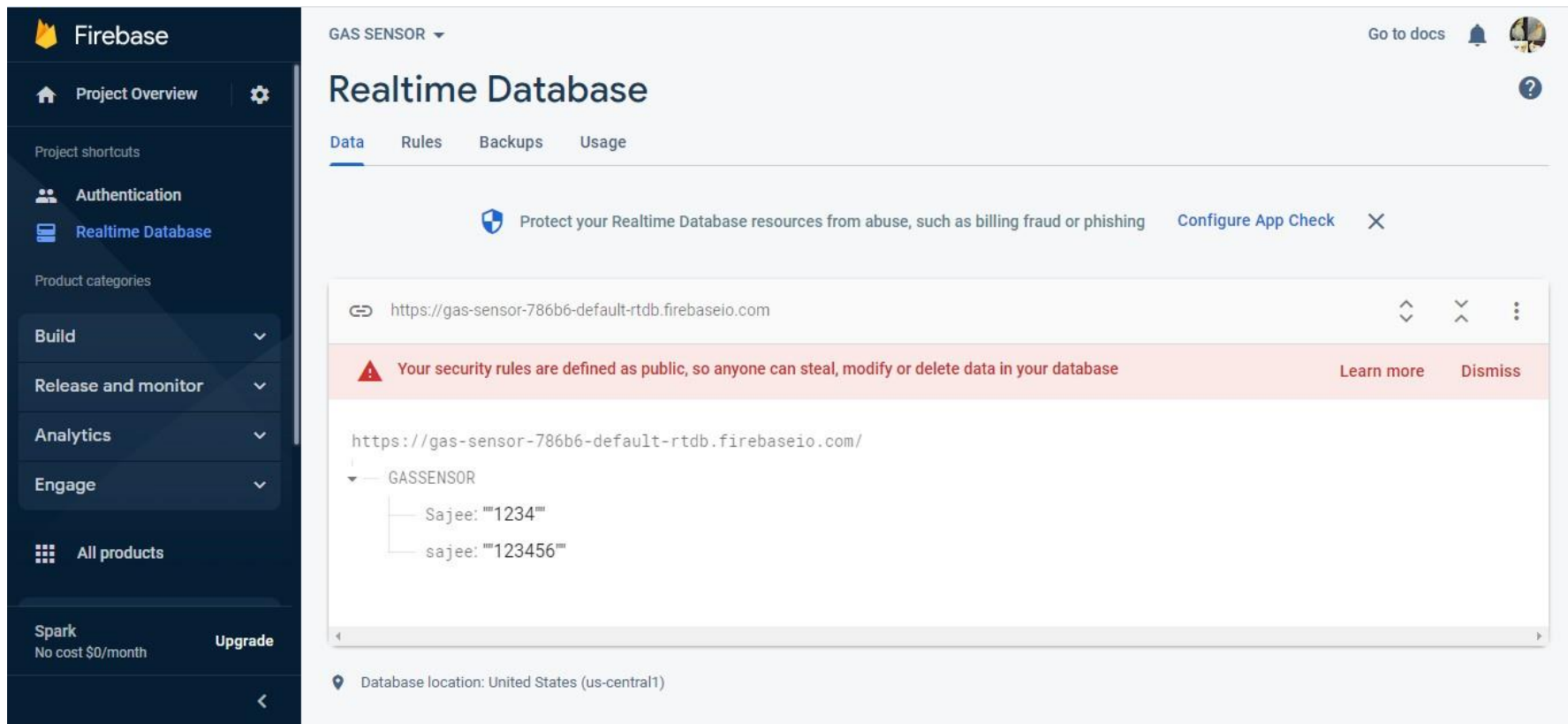
At the bottom left of the logic blocks, there is a "Show Warnings" button. On the right side of the viewer, there are icons for zooming in (+), zooming out (-), and a trash can icon.

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 "Realtime Database" selected. The main content area features a warning banner: "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 "GASSENSOR" containing two entries: "Sajee: ""1234"" and "sajee: ""123456"". The database location is noted as "United States (us-central1)".

Database location: United States (us-central1)