

PROJECT DEVELOPMENT

PHASE

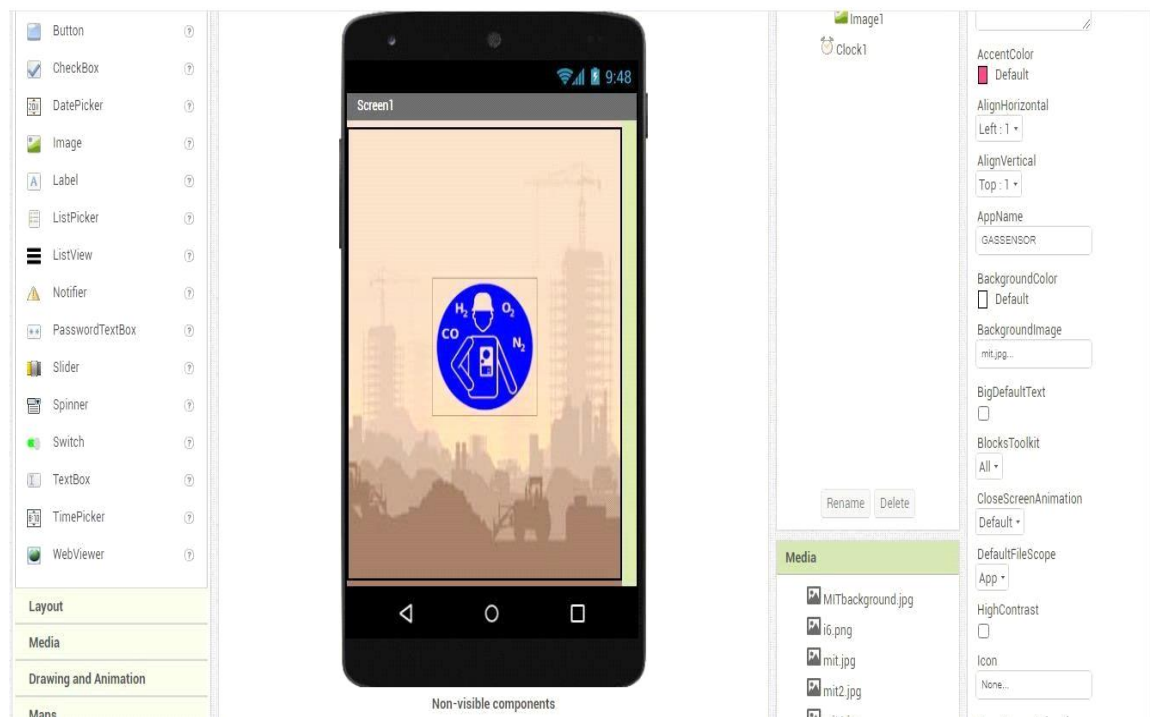
DELIVERY OF SPRINT 1

TEAM ID: PNT2022TMID52298

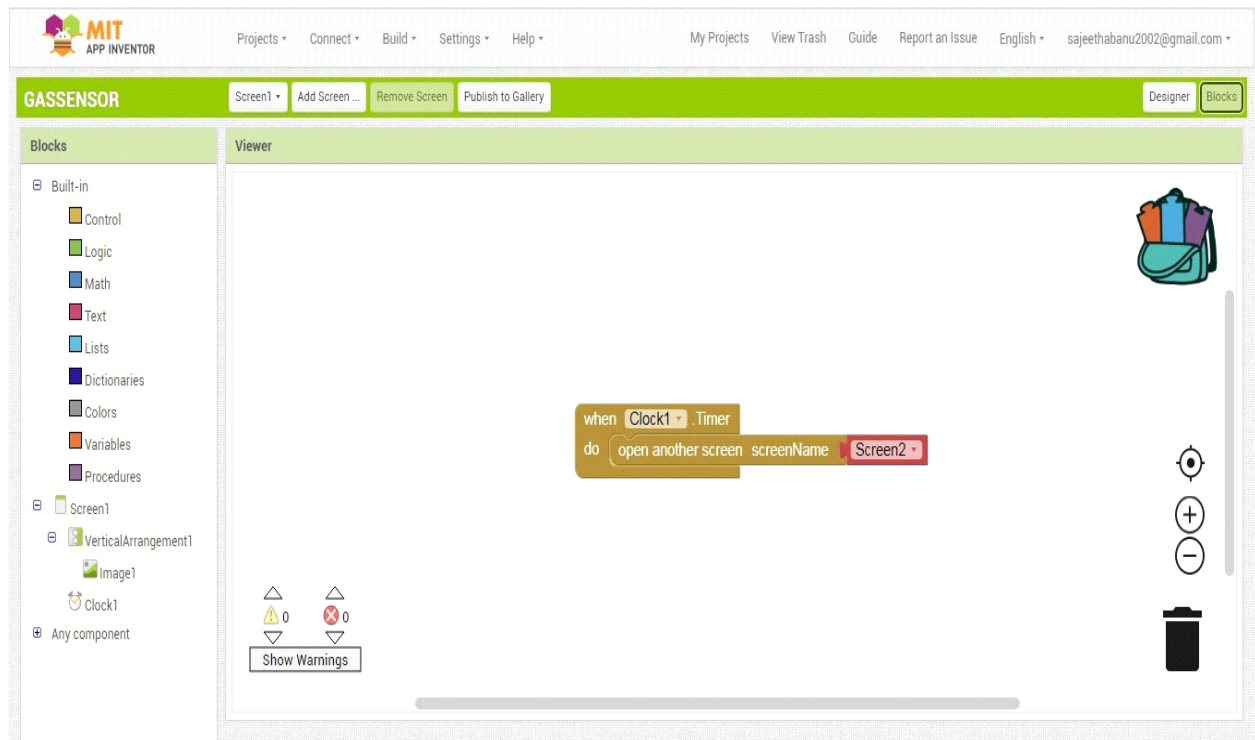
SPRINT 1:

Registration and Login Credentials.

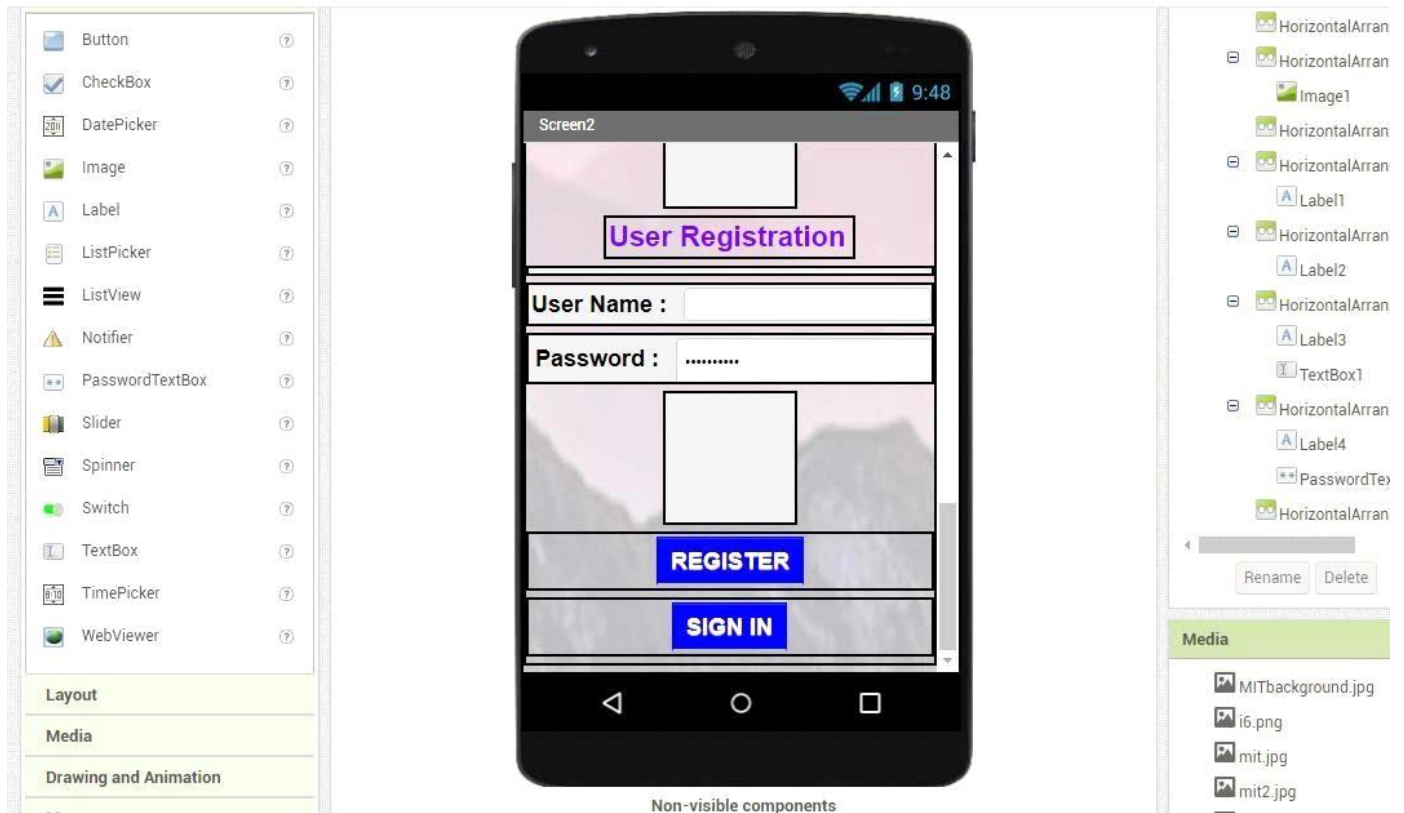
Front End Of Screen-1 :



Back End Of Screen-2 :



Front End Of Screen-2 :



Back End Of Screen-2 :

The screenshot displays the MIT App Inventor web interface for a project named "GASSENSOR". The interface is divided into three main sections: a top navigation bar, a left "Blocks" palette, and a central "Viewer" area.

Top Navigation Bar: Includes the MIT App Inventor logo, a menu with "Projects", "Connect", "Build", "Settings", and "Help", and a user profile section with "My Projects", "View Trash", "Guide", "Report an Issue", "English", and the email "sajeethabanu2002@gmail.com".

Project Header: Shows the project name "GASSENSOR" and buttons for "Screen2", "Add Screen...", "Remove Screen", and "Publish to Gallery". On the right, there are "Designer" and "Blocks" tabs.

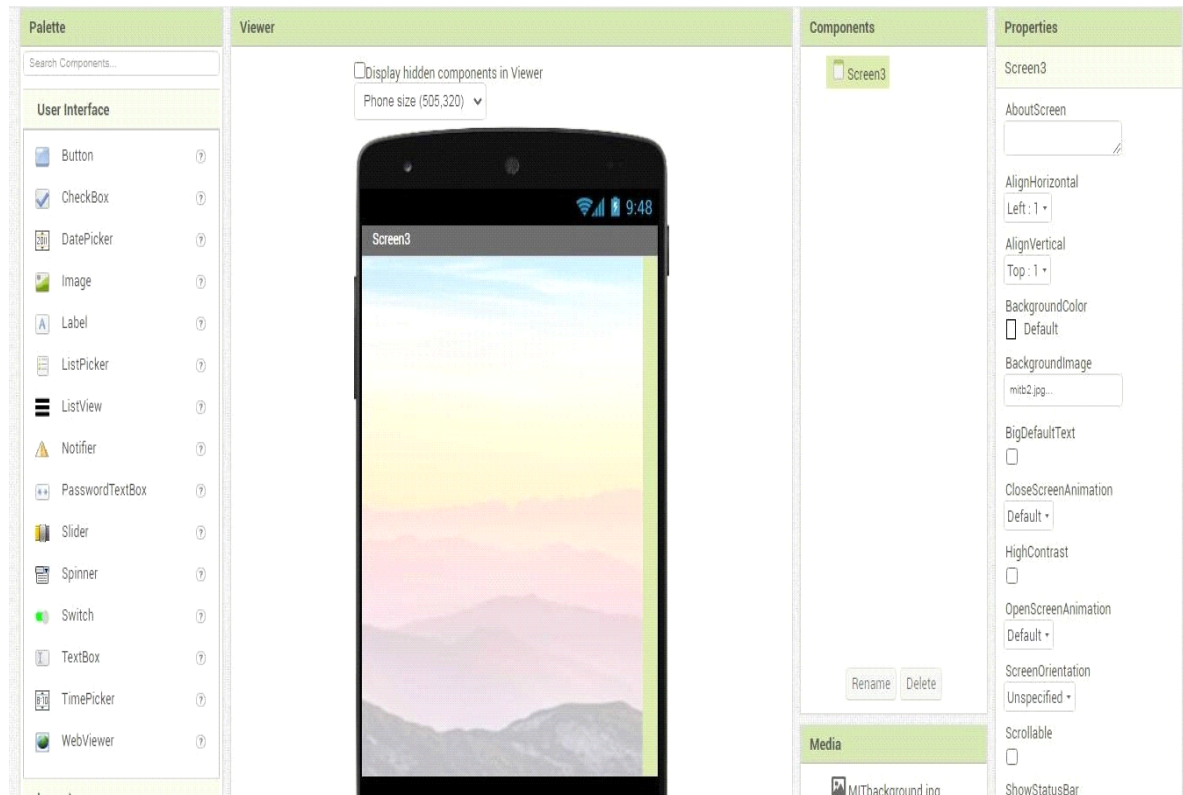
Blocks Palette (Left): A list of built-in blocks categorized into Control, Logic, Math, Text, Lists, Dictionaries, Colors, Variables, and Procedures. Below these are screen-specific components for "Screen2", including "VerticalArrangement1", "HorizontalArrangement", "Image1", and another "HorizontalArrangement".

Viewer Area (Center): Displays the logic blocks for the "Screen2" screen. The logic is organized into three main event-driven blocks:

- when Button2.Click**: A "do" block containing a "call FirebaseDB1.GetValue" block. The "tag" is set to "TextBox1.Text" and the "valueIfTagNotThere" is set to "NA".
- when Button1.Click**: A "do" block containing a "call FirebaseDB1.StoreValue" block. The "tag" is set to "TextBox1.Text" and the "valueToStore" is set to "PasswordTextBox1.Text".
- when FirebaseDB1.GetValue**: A "do" block containing an "if" statement. The "if" statement checks if "get tag" is equal to "TextBox1.Text". If true, it then checks if "get value" is equal to "PasswordTextBox1.Text". If this second condition is also true, it triggers the "open another screen" block with "screenName" set to "Screen3". If either condition fails, it triggers a "set Label2.Text to" block with the value "Wrong User Name & Password".


On the right side of the Viewer area, there are standard UI controls: a target icon, zoom in (+) and zoom out (-) buttons, and a trash can icon.

Screen-3 :



Realtime Database :

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

 **Firebase**

Project Overview

Project shortcuts

Authentication

Realtime Database

Product categories

Build

Release and monitor

Analytics

Engage

All products

Spark

No cost \$0/month

Upgrade

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>



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)