

# PROJECT DEVELOPMENT PHASE

## DELIVERY OF SPRINT-1

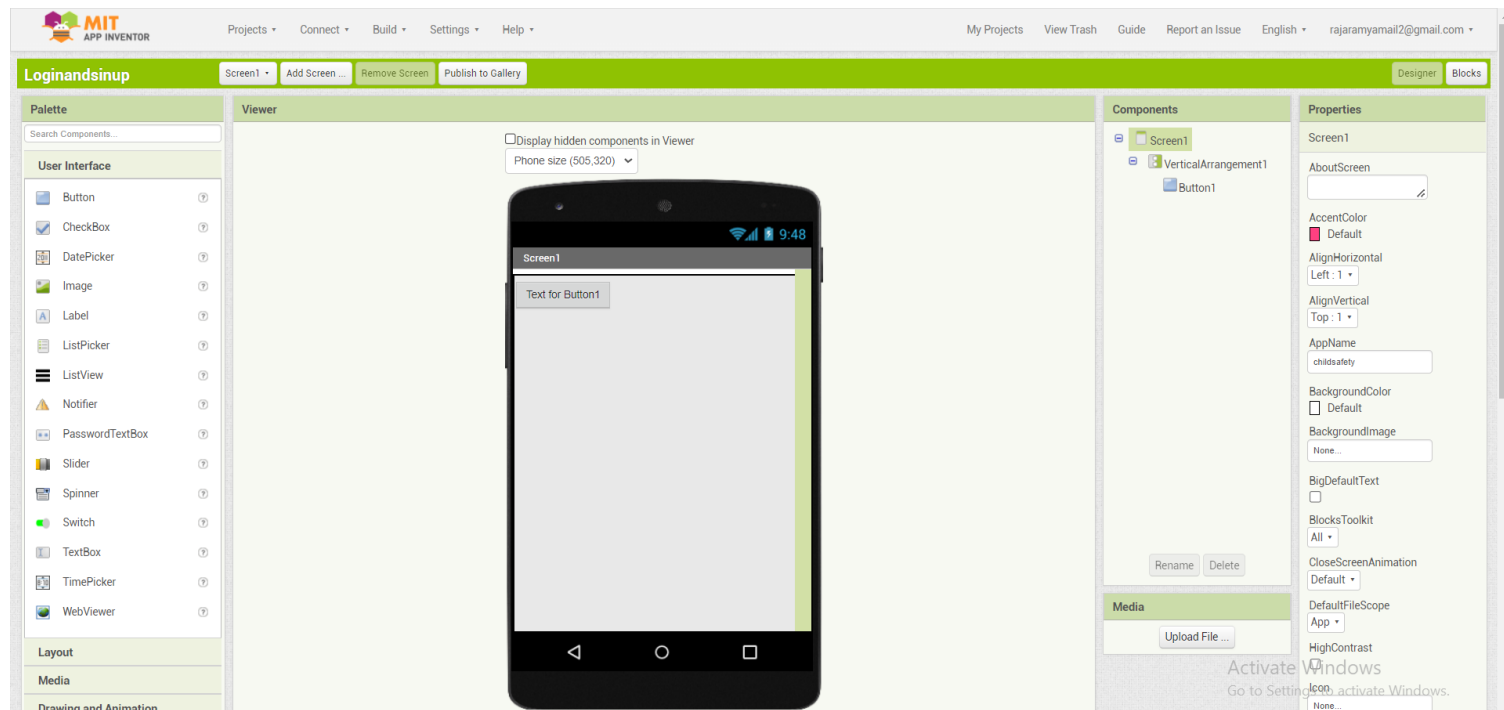
BATCH:B8-2A4E

Date	28 <sup>th</sup> October 2022
Team ID	PNT2022TMID33886
Project Name	Child Safety Monitoring and Notification

### SPRINT 1:

#### Registration and Login Credentials.

#### Front End Of Screen-1



## Back End Of Screen-2 :

The screenshot displays the MIT App Inventor web interface. The top navigation bar includes the MIT App Inventor logo, a menu with 'Projects', 'Connect', 'Build', 'Settings', and 'Help', and user information: 'My Projects', 'View Trash', 'Guide', 'Report an Issue', 'English', and 'rajaramyamil2@gmail.com'. Below this, a green header bar for the project 'Loginandsignup' contains buttons for 'Screen1', 'Add Screen ...', 'Remove Screen', and 'Publish to Gallery', along with 'Designer' and 'Blocks' tabs.

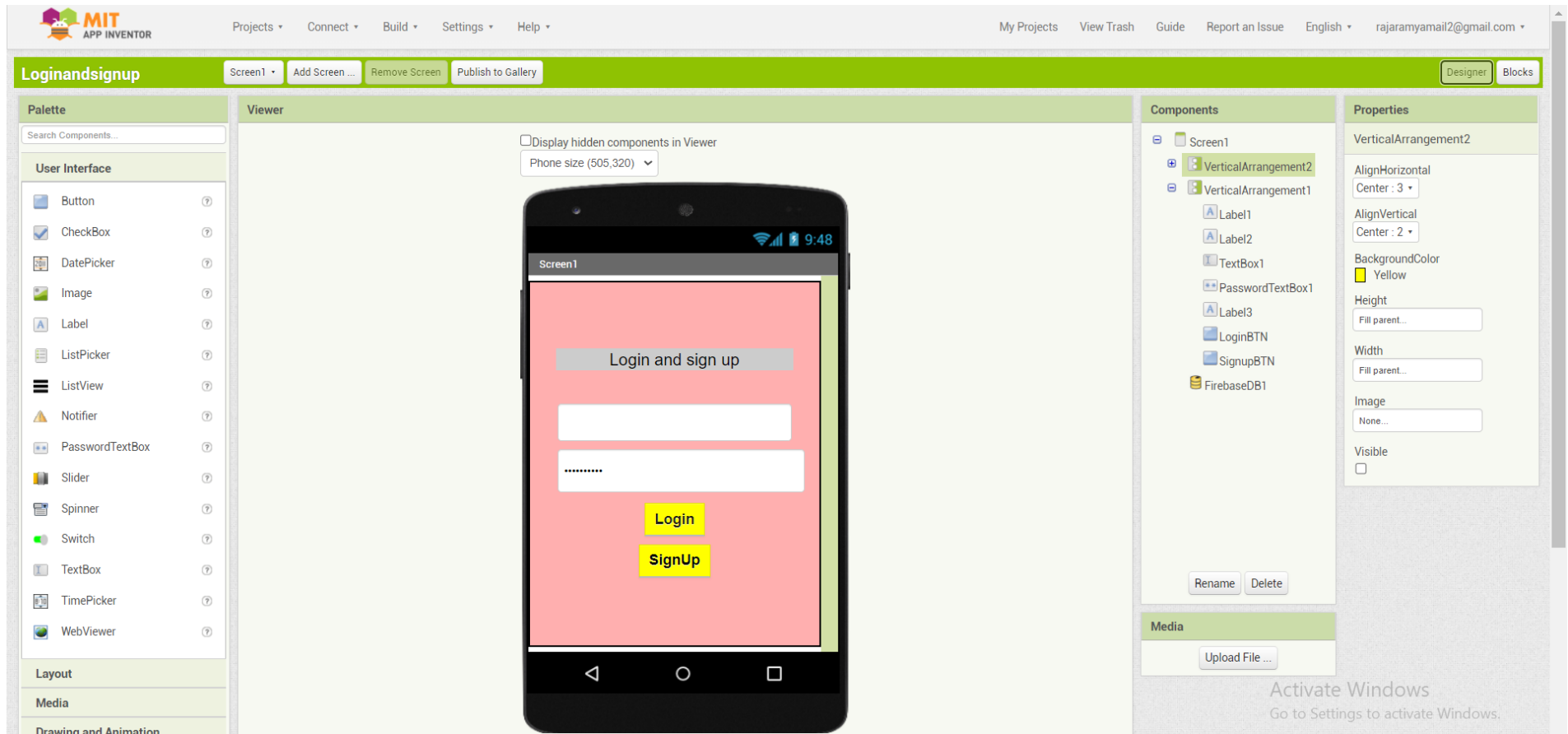
The left sidebar is divided into 'Blocks' and 'Media' sections. The 'Blocks' section lists categories: Built-in (Control, Logic, Math, Text, Lists, Dictionaries, Colors, Variables, Procedures), Screen1, VerticalArrangement2, VerticalArrangement1, Label1, Label2, TextBox1, and PasswordTextBox1. The 'Media' section has an 'Upload File ...' button. At the bottom of the sidebar are warning icons (0 warnings) and a 'Show Warnings' button.

The main 'Viewer' area shows a logic block for the 'LoginBTN' click event. The logic is as follows:

- when LoginBTN.Click
- do
  - call FirebaseDB1.GetValue
  - tag TextBox1.Text
  - User tapped and released the button, here "NA"

On the right side of the viewer, there is a backpack icon, a target icon, and zoom in (+) and zoom out (-) buttons. At the bottom right, there is a watermark that says 'Activate Windows Go to Settings to activate Windows.' and a trash can icon.

## Front End Of Screen-2 :



## Back End Of Screen-2 :

The screenshot displays the MIT App Inventor web interface for a project named "Loginandsignup". The interface is divided into three main sections: a left sidebar, a top menu, and a central workspace.

**Top Menu:** Includes "Projects", "Connect", "Build", "Settings", and "Help". On the right, it shows "My Projects", "View Trash", "Guide", "Report an Issue", "English", and the user email "rajaramyemail2@gmail.com".

**Left Sidebar:**

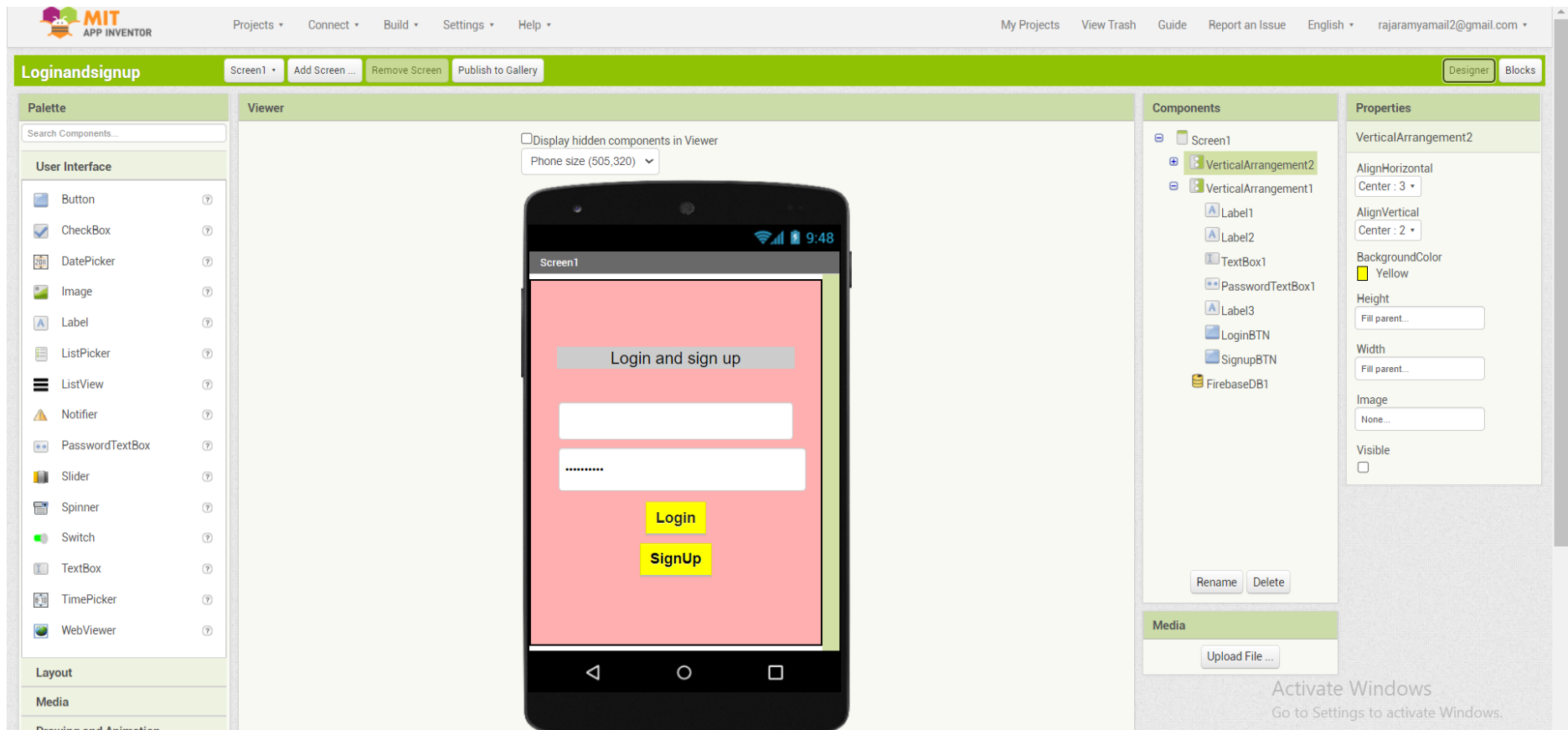
- Blocks:** A category list including Built-in (Control, Logic, Math, Text, Lists, Dictionaries, Colors, Variables, Procedures), Screen1, VerticalArrangement2, VerticalArrangement1, Label1, Label2, TextBox1, and PasswordTextBox1.
- Media:** An "Upload File ..." button.

**Central Workspace (Viewer):** Contains three event-driven code blocks:

- when LoginBTN .Click:** A "do" block containing "call FirebaseDB1 .GetValue" with "tag" set to "TextBox1 . Text" and "valueIfTagNotThere" set to "NA".
- when SignupBTN .Click:** A "do" block containing "call FirebaseDB1 .StoreValue" with "tag" set to "TextBox1 . Text" and "valueToStore" set to "PasswordTextBox1 . Text".
- when FirebaseDB1 .GotValue:** A "do" block with an "if" condition "get tag == TextBox1 . Text". Inside the "if" block, there is another "if" condition "get value == PasswordTextBox1 . Text". If both conditions are true, it sets "VerticalArrangement1 . Visible" to "false" and "VerticalArrangement2 . Visible" to "true", followed by "set Label2 . Text" to "Wrong username & password".

**Right Side:** Includes a "Designer" button, a "Blocks" button, a backpack icon, and a "Show Warnings" button at the bottom left of the workspace. A watermark "Activate Windows Go to Settings to activate Windows." is visible at the bottom right.

### 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 options: 'Project Overview', 'Project shortcuts' (including 'Realtime Database' and 'Firestore Database'), 'Product categories' (including 'Build', 'Release & Monitor', 'Analytics', and 'Engage'), 'All products', and a 'Customize your nav!' section. The main content area is titled 'formlogin' and 'Realtime Database'. It features tabs for 'Data', 'Rules', 'Backups', and 'Usage'. 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, the database URL 'https://formlogin-eb5fb-default-rtdb.firebaseio.com/' is shown. The data is organized into a tree structure under the path 'Loginandsignup', containing three entries: 'Raja Ramya M: ""Mrr@2002q""', 'Raja Ramya M: ""Mrr@2002h""', and 'raja Ramya M: ""Mrr@2002""'. At the bottom, it indicates the 'Database location: United States (us-central1)'. A Windows 'Activate Windows' watermark is visible in the bottom right corner.

formlogin ▾ 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://formlogin-eb5fb-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://formlogin-eb5fb-default-rtdb.firebaseio.com/> + 🗑️

- ▼ Loginandsignup
  - Raja Ramya M: ""Mrr@2002q""
  - Raja Ramya M: ""Mrr@2002h""
  - raja Ramya M: ""Mrr@2002""

📍 Database location: United States (us-central1)

Activate Windows  
Go to Settings to activate Windows.