

Sprint – 3

Team ID: PNT2022TMID49056

Task:

A mobile application for monitoring the Environmental parameters around the region of sensor has been developed using MIT App Inventor.

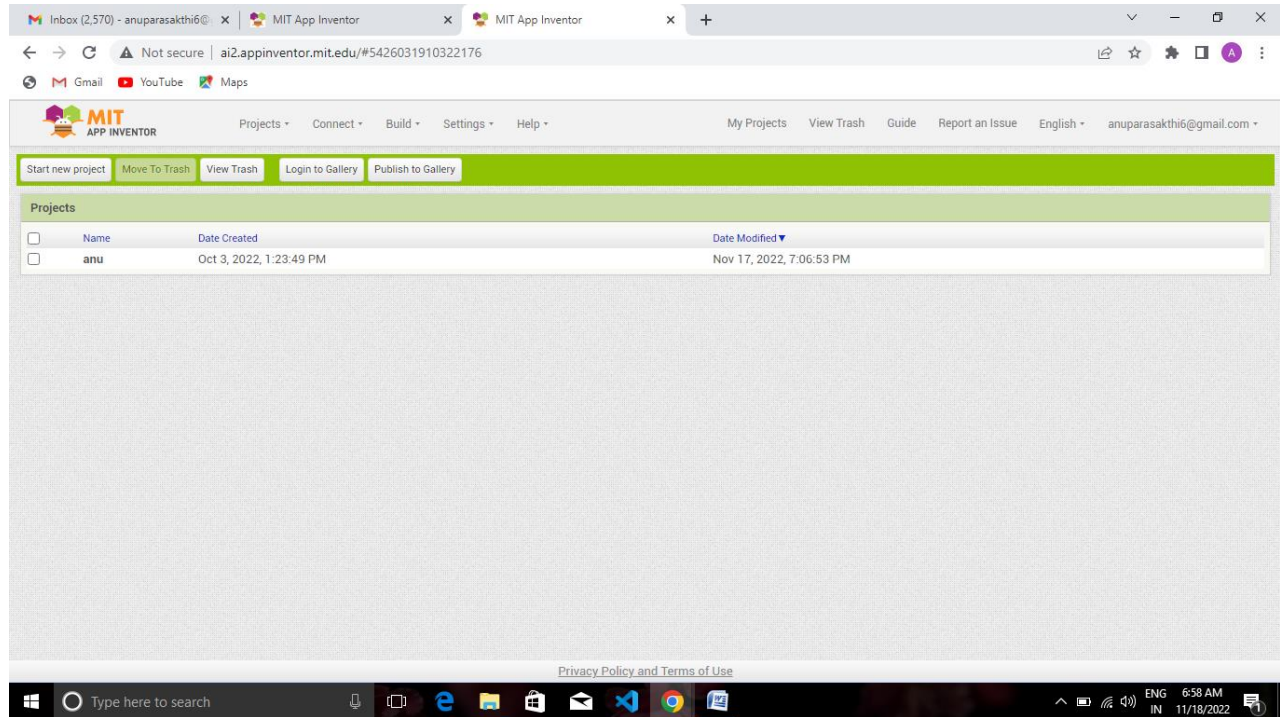
Screens Information:

1. **Screen – 1:** It is the entry screen of the mobile application and will be displayed only for 2 seconds.
2. **Screen – 2:** It is the login page of the application. Each user has their own user name and password, which is known only to them. After validating the credential, User can access the data produced by their devices.
3. **Screen – 3:** Environmental parameters such as Temperature, Humidity & Concentration of Gas are displayed in this page.

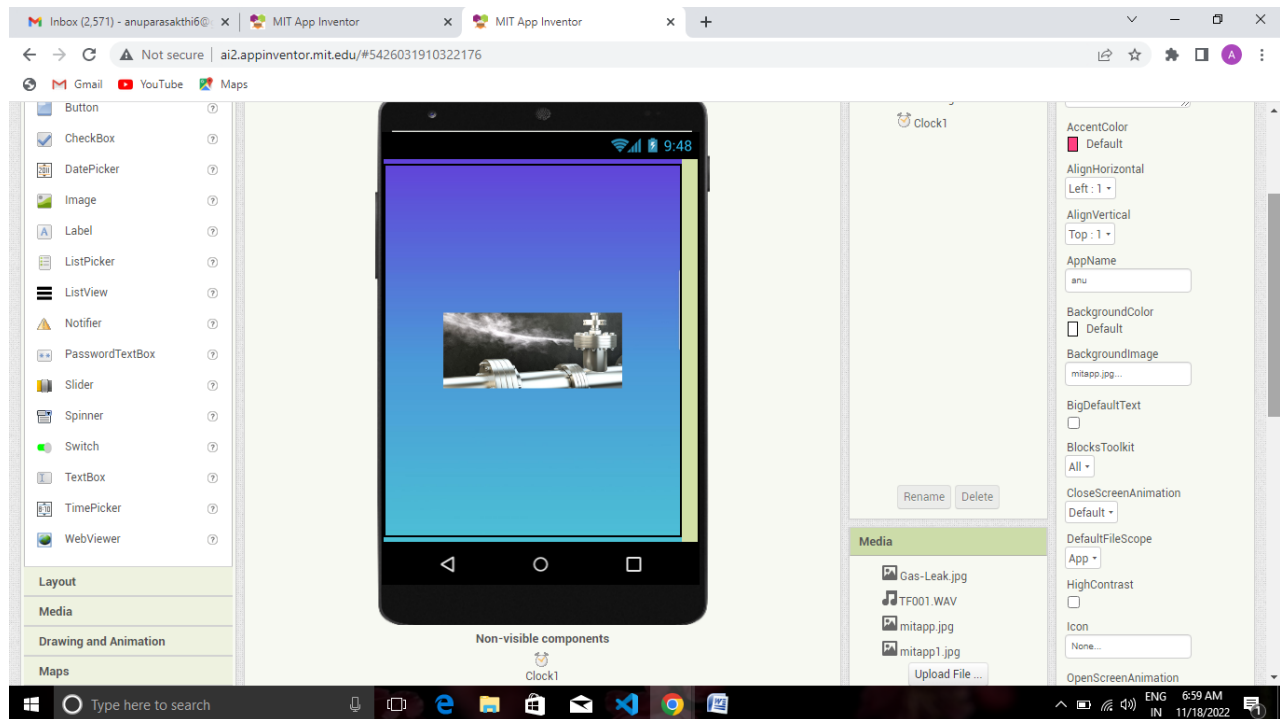
Designer:

1. Images displayed in the Designer section, displays the Front-End of the user interface.
2. Regular users can view the Designer section whenever they start the application.

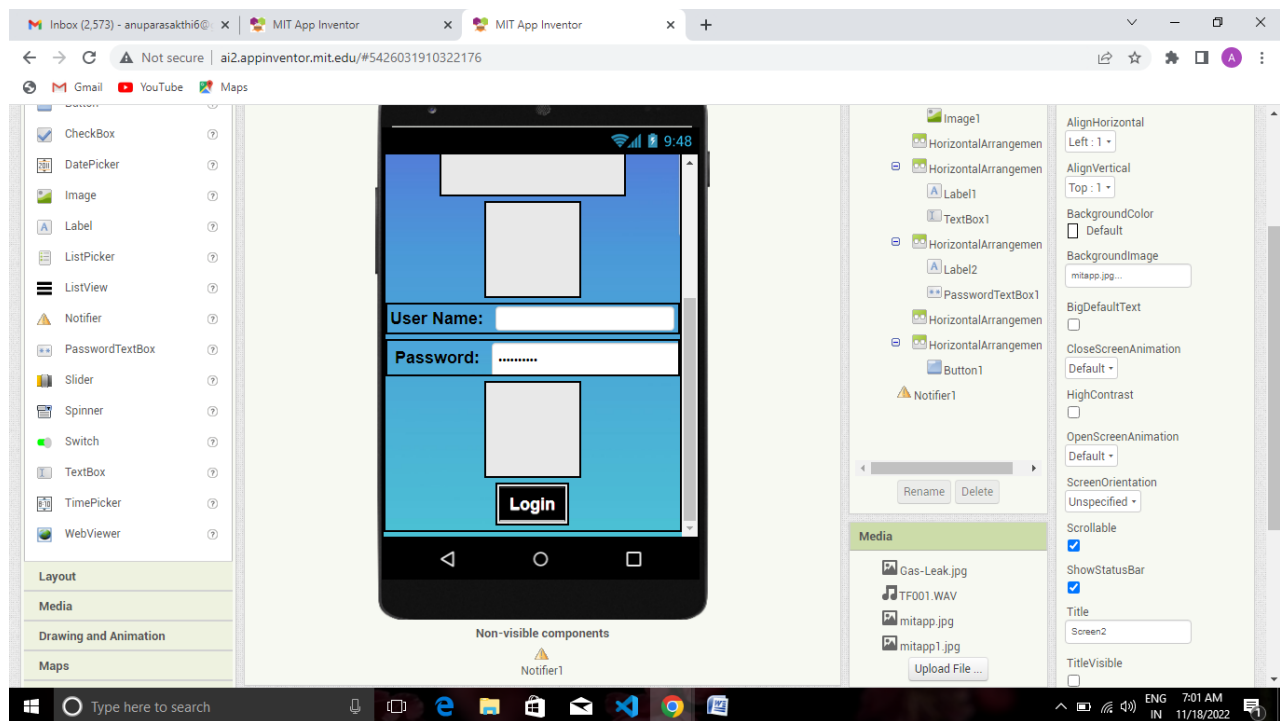
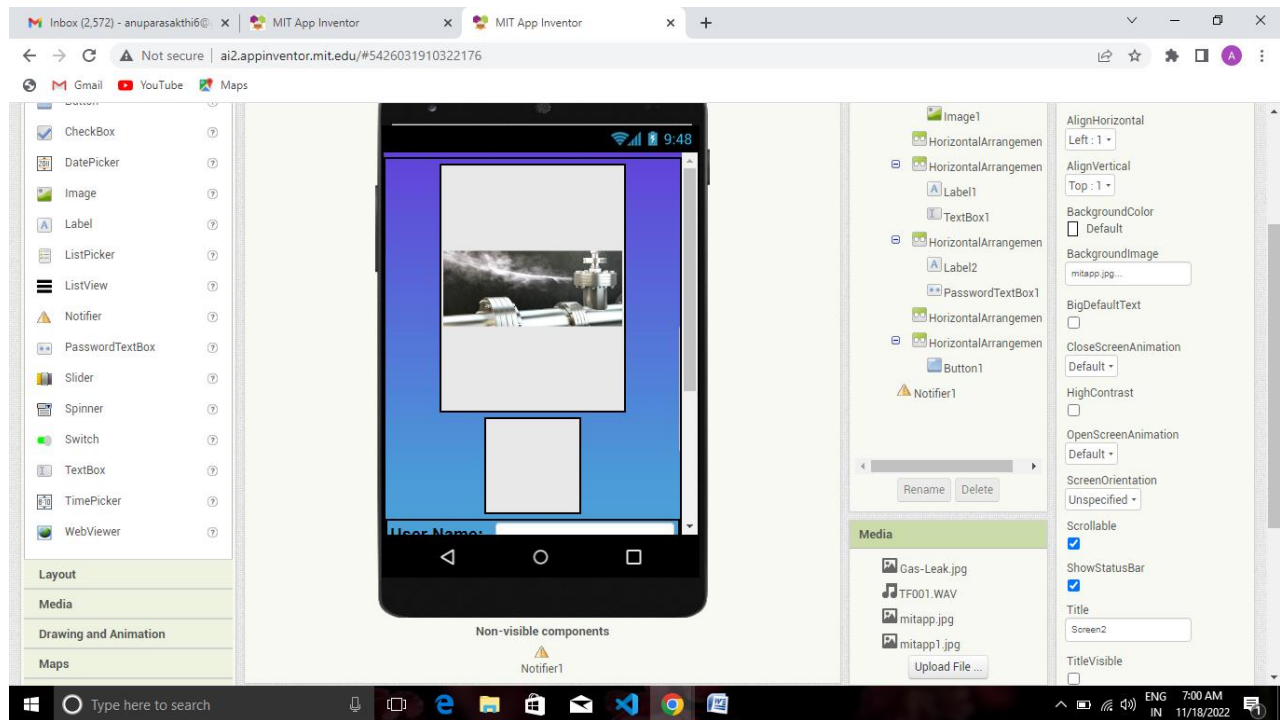
Projects in MIT App Inventor:



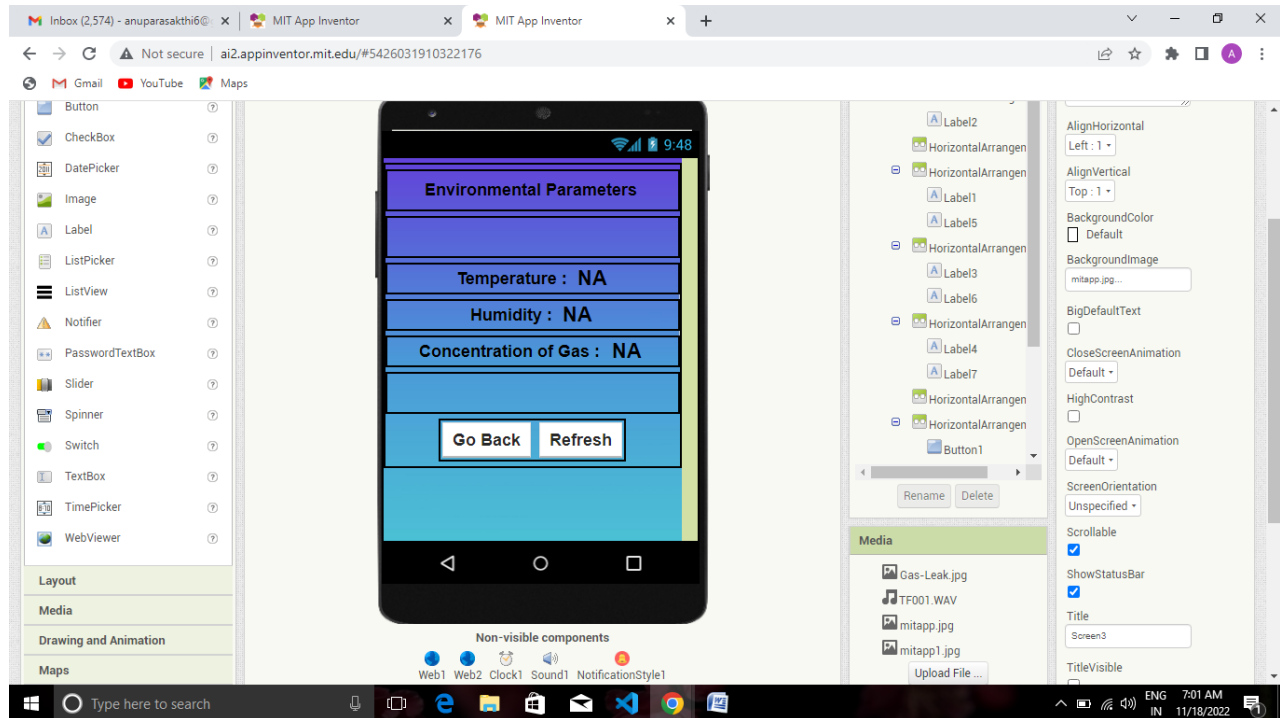
Screen1:



Screen2:



Screen3:



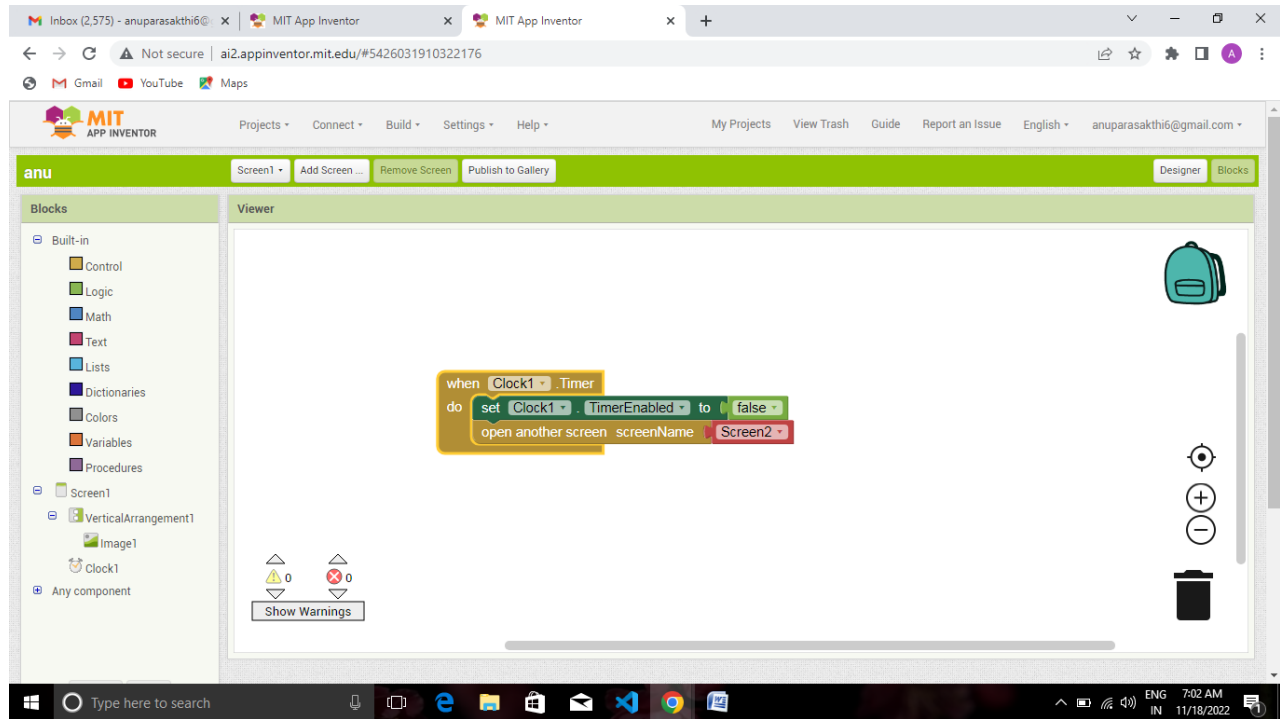
Blocks:

coding are displayed in the Blocks section, displays the Back-End of the Mobile Application.

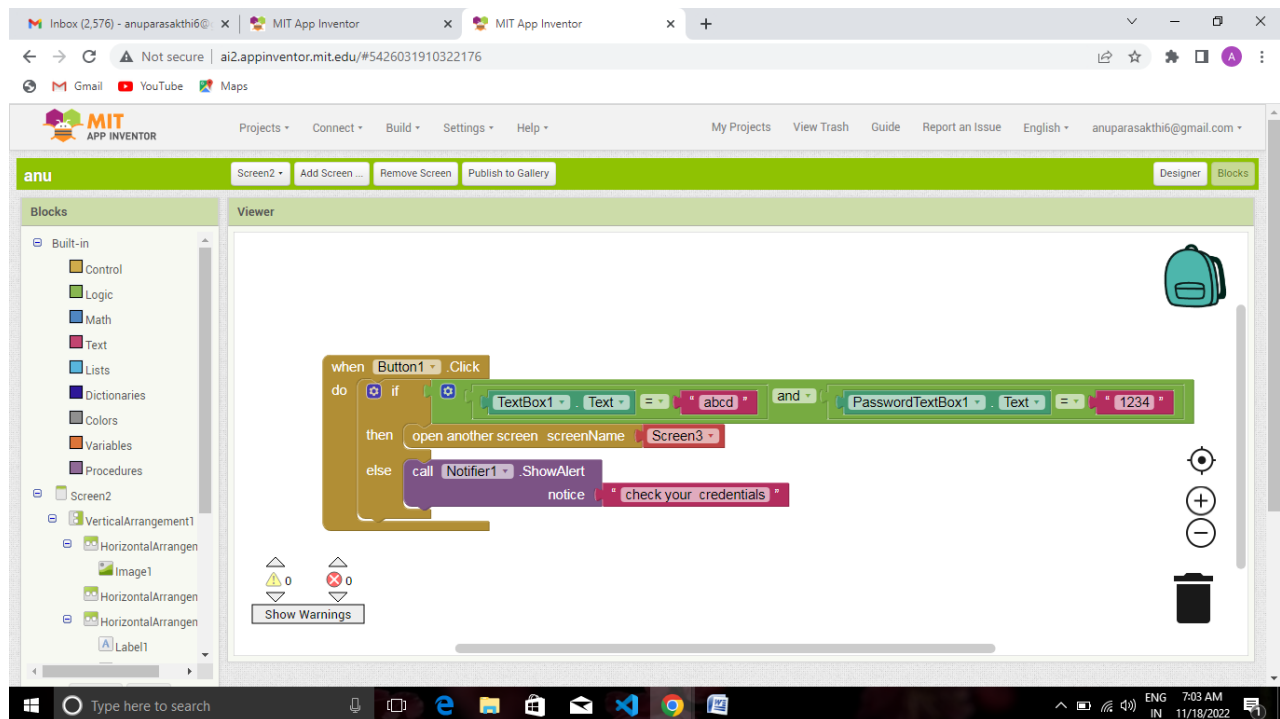
Only developers have access to view and modify it.

Proper working of the Application solely depends on the code developed in the Block section.

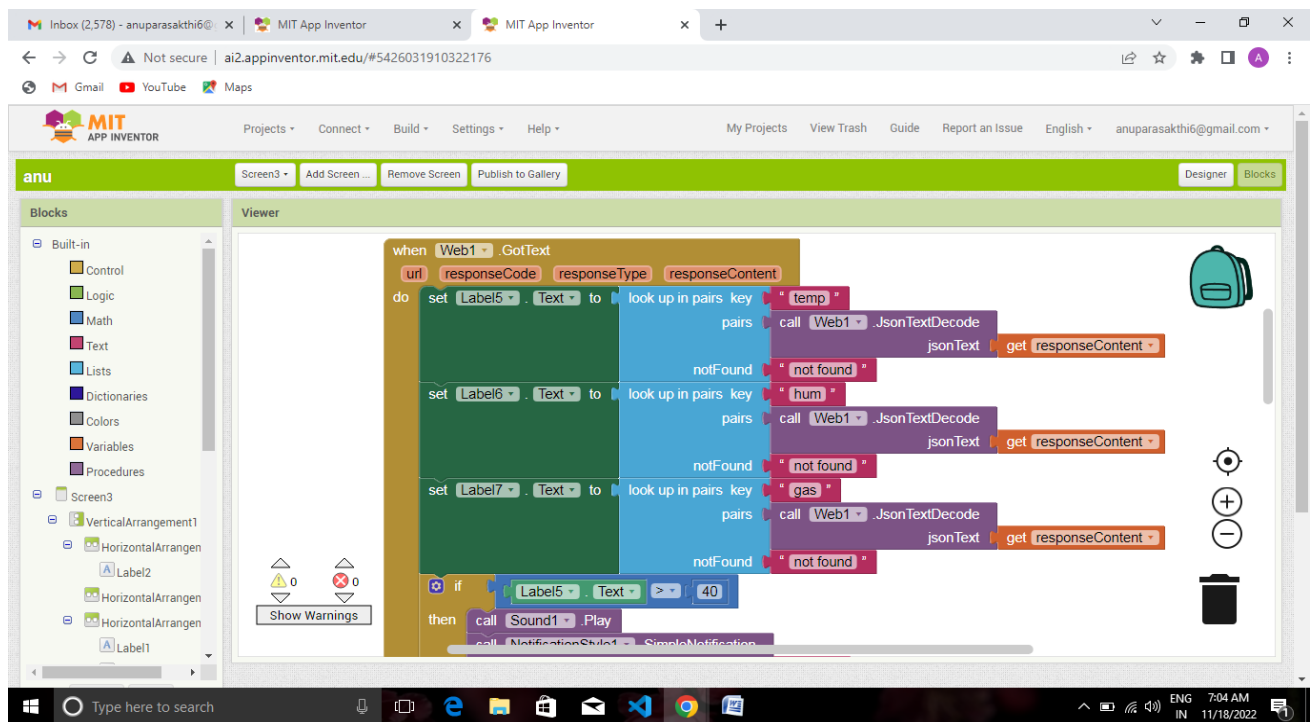
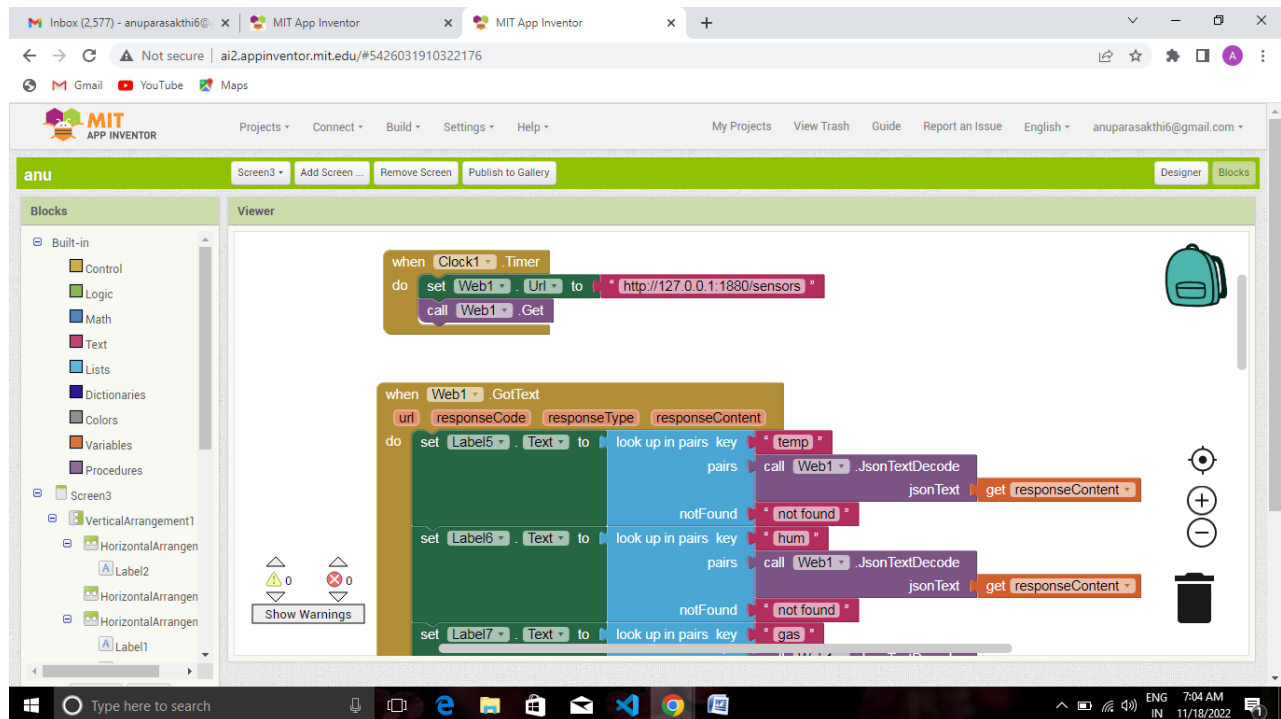
Screen1:

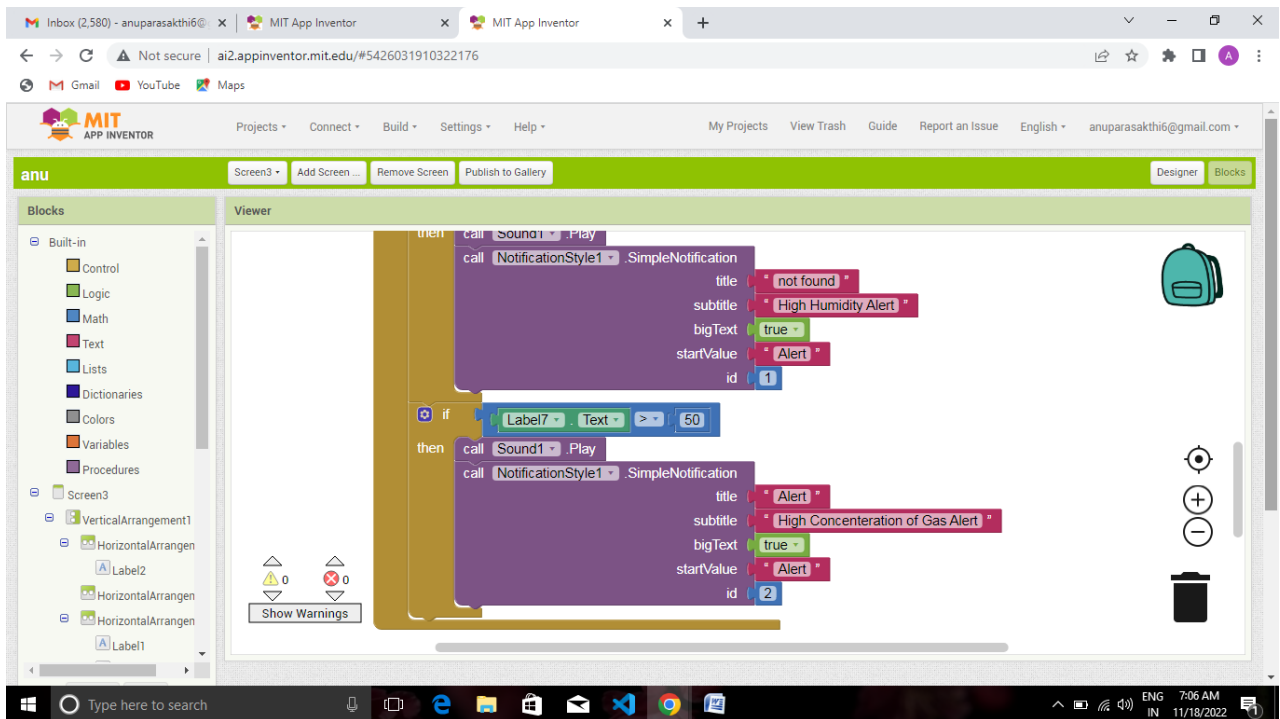
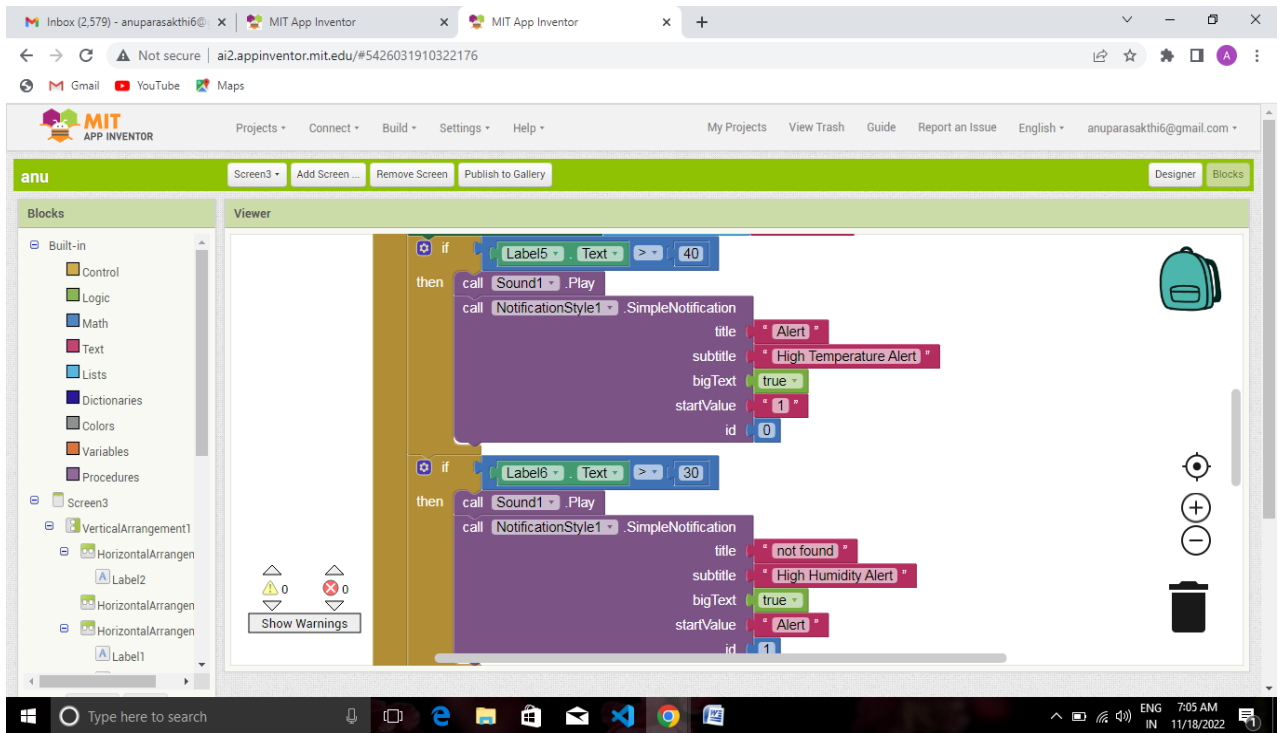


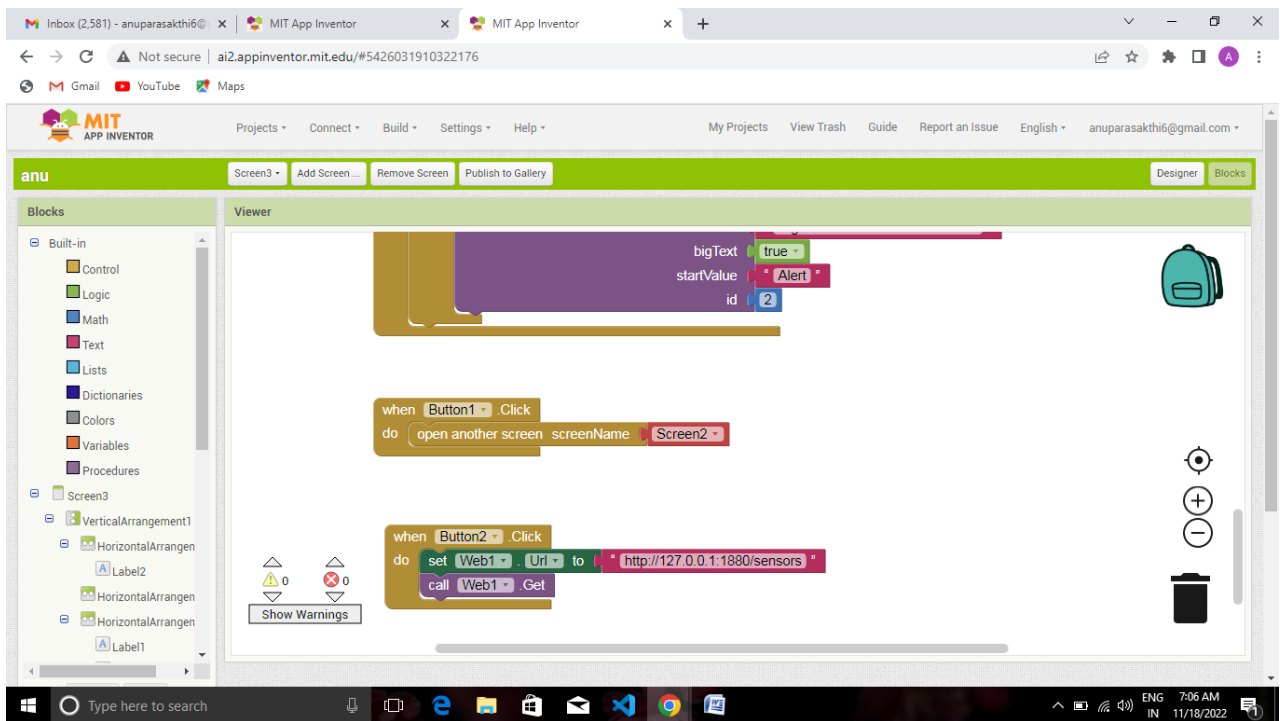
Screen2:



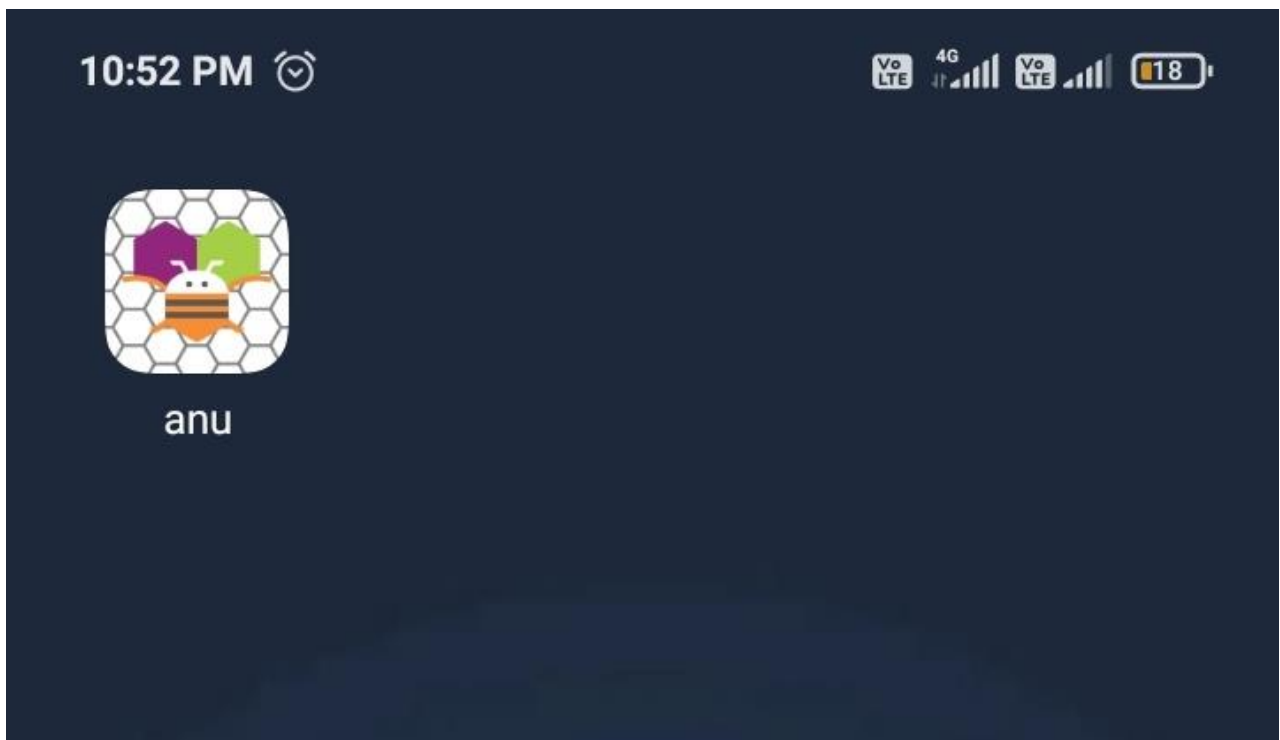
Screen3:



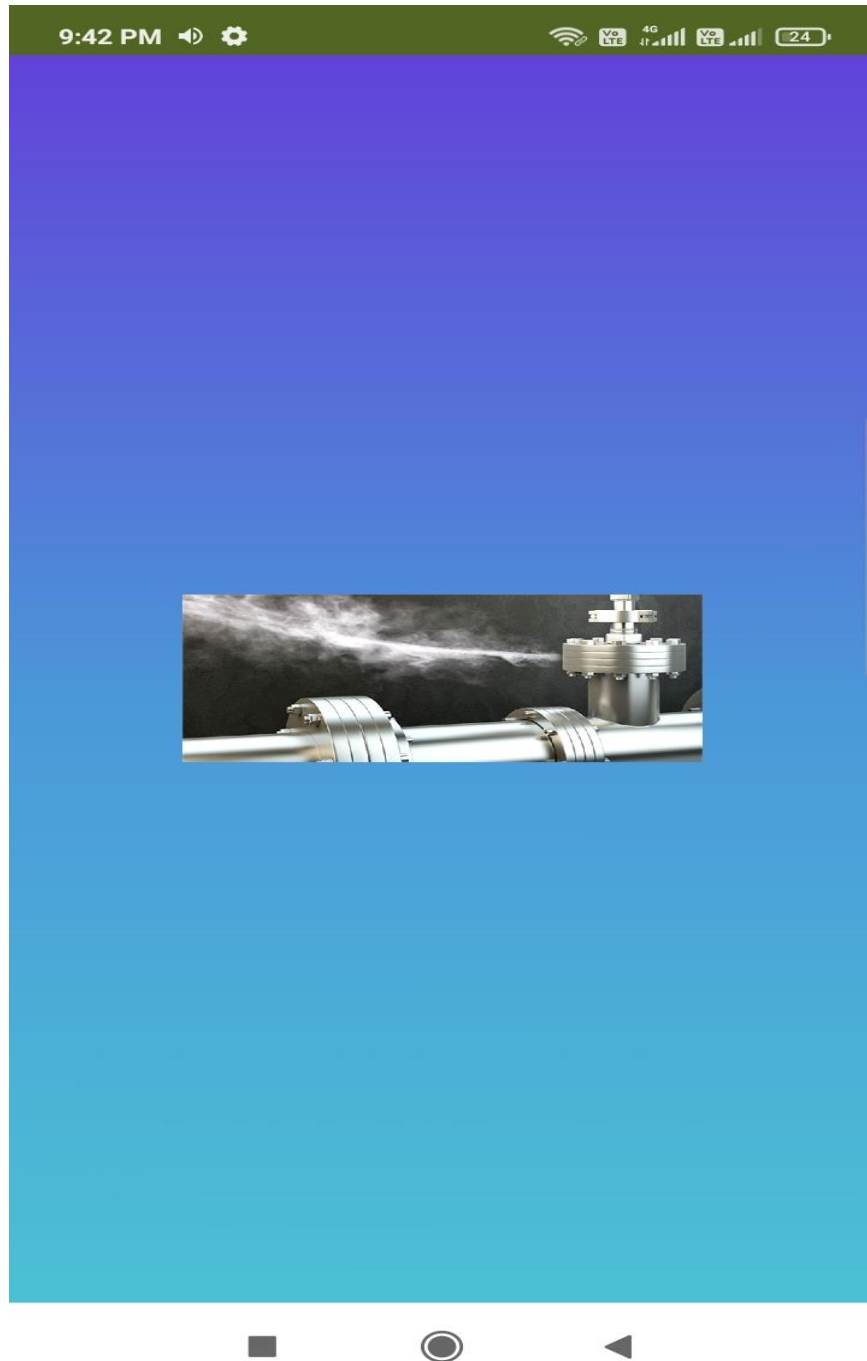







Application in Mobile :








Screen1 in Mobile:



Screen2 in Mobile:

6:17 PM    ...

    39

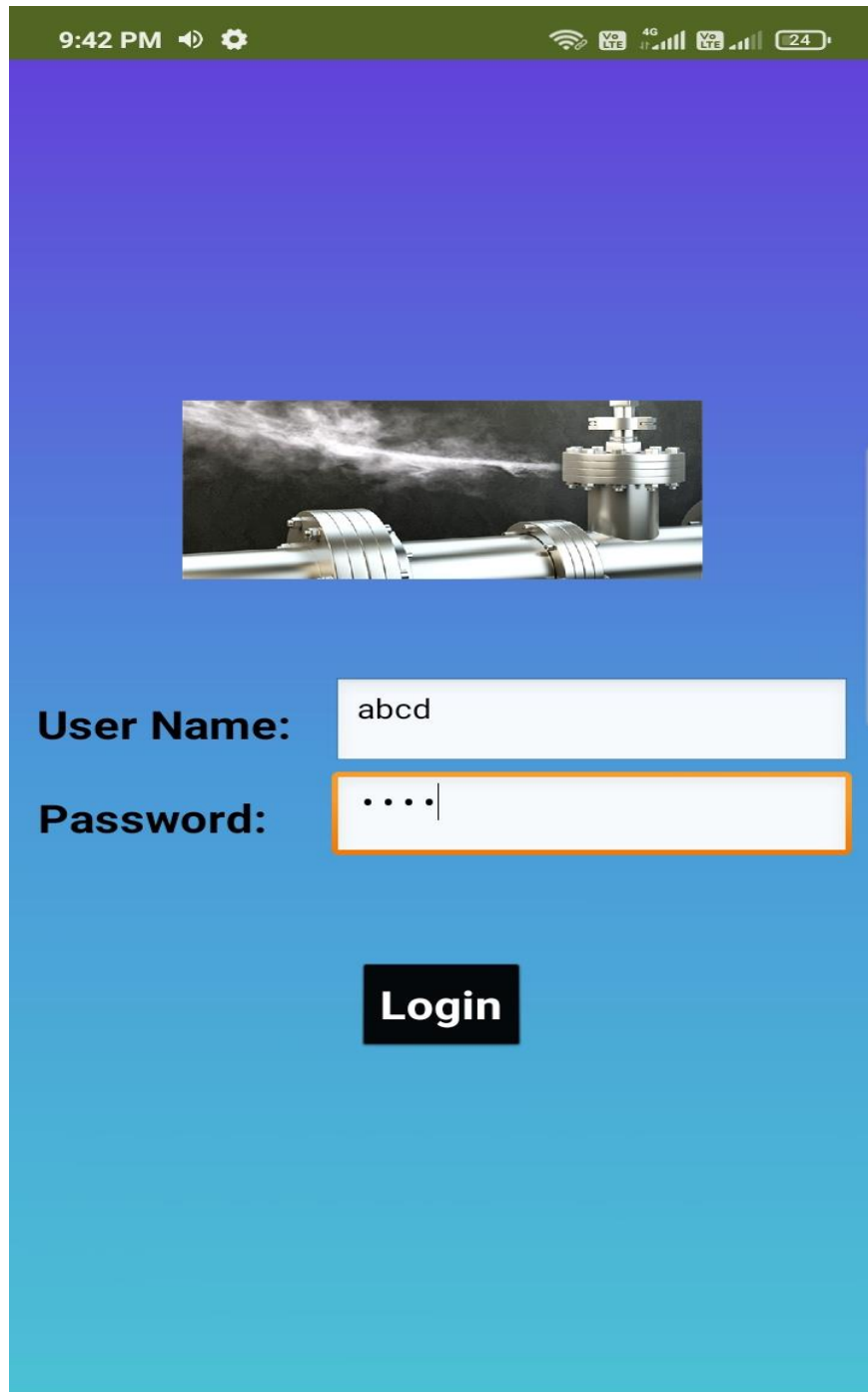


User Name:

Password:

Login

Enter the username and password and then click login button go to next screen in mobile:



A screenshot of a mobile application's login screen. The background is a gradient from purple at the top to blue at the bottom. At the top, there is a status bar with the time 9:42 PM, a speaker icon, a gear icon, and various connectivity icons (Wi-Fi, VoLTE, 4G, VoLTE, and a battery icon showing 24%). Below the status bar, there is a horizontal image of industrial pipes with a valve and a lightning bolt in the background. Below the image, there are two input fields. The first is labeled "User Name:" and contains the text "abcd". The second is labeled "Password:" and contains four dots, indicating a masked password. Below the password field is a black button with the word "Login" in white text. At the bottom of the screen, there are three navigation icons: a square, a circle, and a triangle.

9:42 PM

User Name: abcd

Password:

Login

Screen3 in Mobile:

