

SPRINT – 4

MOBILE APP CREATION

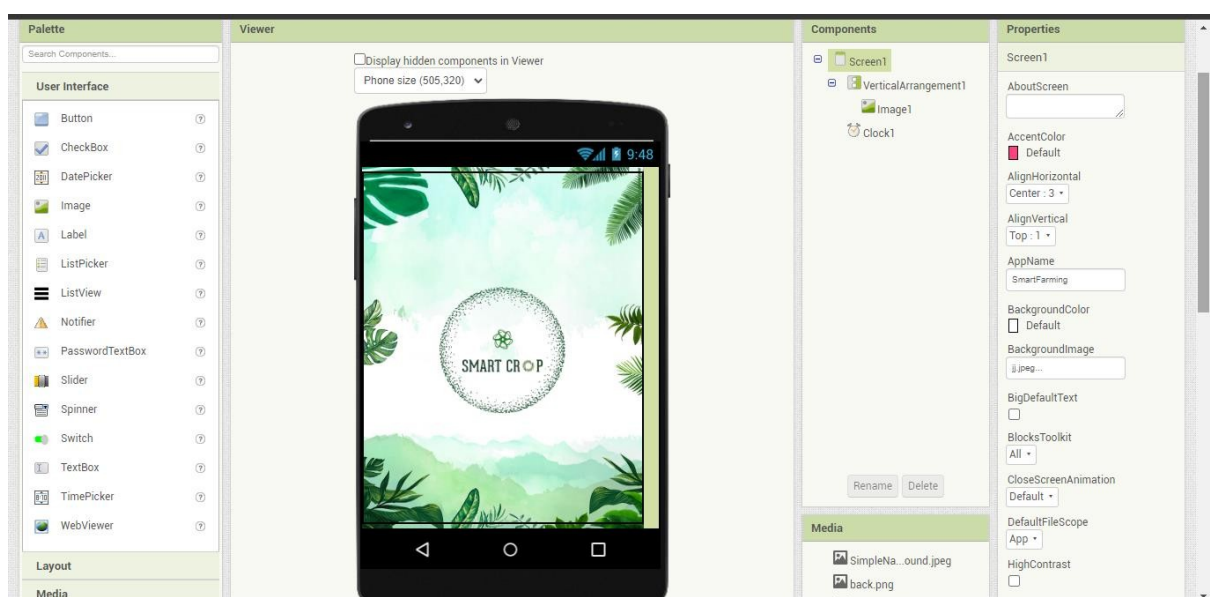
Date	17 November 2022
Team ID	PNT2022TMID12758
Project Name	IoT Based Smart Crop Protection System For Agriculture.

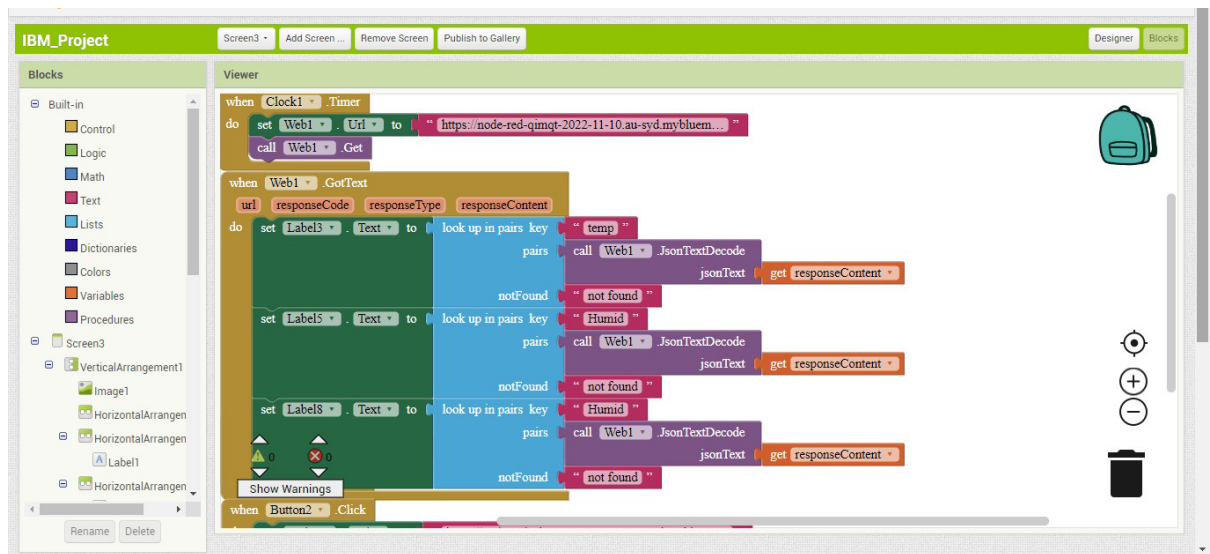
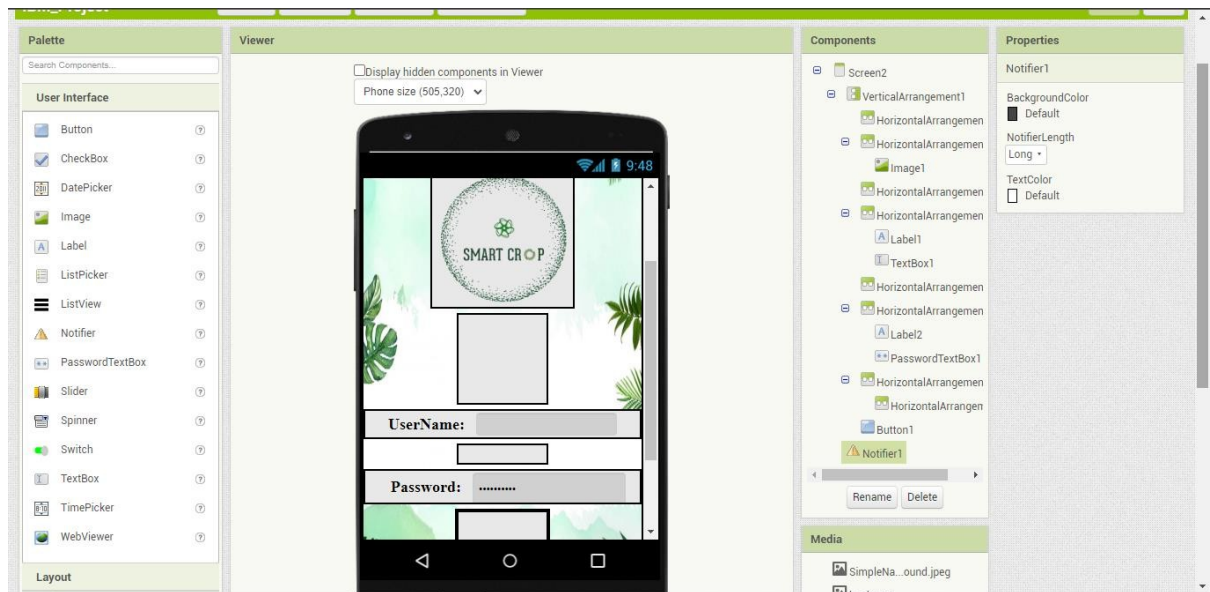
Description:

According to our sprint-3 planning we've developed the mobile application to monitor the field and we've linked it with the python coding. This app consists of login credentials in which only the registered user can access. After logging in, the value of Temperature, Humidity, Moisture and Animal Invasion will be displayed in the mobile screen. We can also control the sprinkler using the controller.

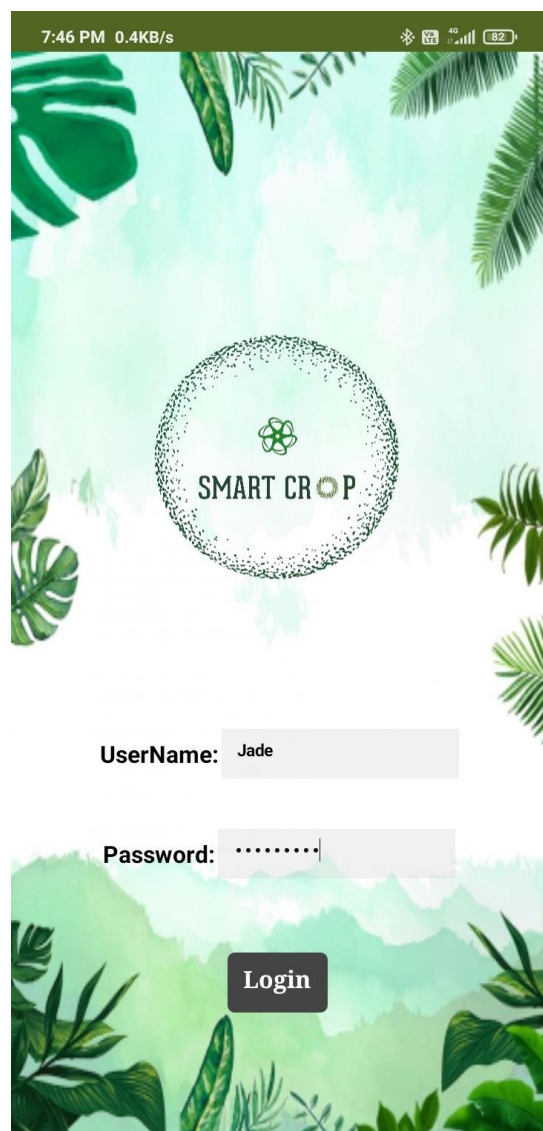
Controller using mobile application for monitoring the field will be a more user friendly way for the farmers. This will reduce the work load of the farmers. The values generated from the python using random will be sent to the mobile application through the node-red.

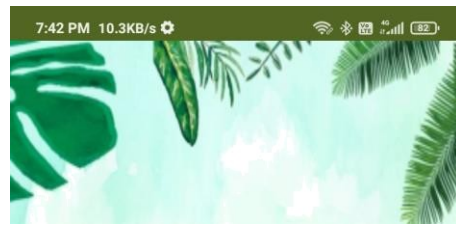
MIT App Inventor:








Mobile App:







IoT-based agricuhure system

Temperature: 81

Humidity: 44

Moisture: 44

Animal Attack: No

Controller

Sprinkler ON

Sprinkler OFF

