

Sprint-3

Team ID: PNT2022TMID18045

Project Name: IoT Based Smart Crop Protection System for Agriculture

A mobile application for monitoring temperature, humidity, moisture and for animal detection around the environment has been developed using MIT App Inventor.

Screen Information:

1. **Screen 1:** It is an entry screen for the application and it displayed for 2 seconds.
2. **Screen 2:** It is a login page for user to login into the application. Only valid user can access the sensor data.
3. **Screen 3:** Environmental parameter are shown in this screen. Animal detection are shown.

Designer:

Screen 1:



Screen 2:



Screen2

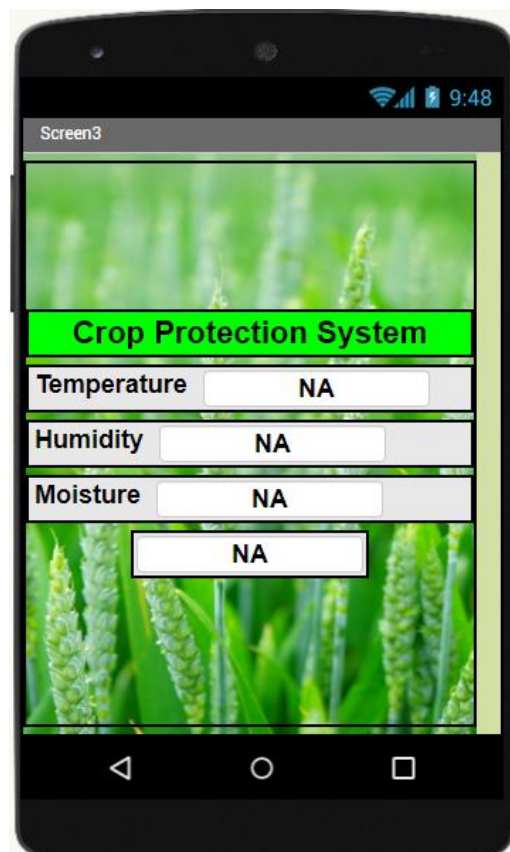
Login

Username :

Password :

The screenshot shows a mobile application interface for a login screen. The background is a green field with wheat stalks. The title bar at the top is labeled 'Screen2'. Below the title bar, there is a 'Login' label. Underneath, there are two input fields: 'Username : ' followed by a text input box, and 'Password : ' followed by a password input box with dots. Below the password field is a blue 'Submit' button. The bottom of the screen shows the standard Android navigation bar with back, home, and recent apps buttons.

Screen 3:



Screen3

Crop Protection System

Temperature

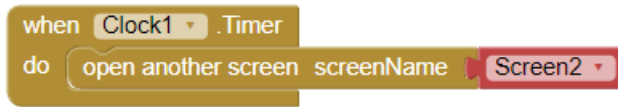
Humidity

Moisture

The screenshot shows a mobile application interface for a 'Crop Protection System'. The background is a green field with wheat stalks. The title bar at the top is labeled 'Screen3'. Below the title bar, there is a green header with the text 'Crop Protection System'. Underneath, there are three rows of data: 'Temperature' with a text input box containing 'NA', 'Humidity' with a text input box containing 'NA', and 'Moisture' with a text input box containing 'NA'. Below these three rows is a fourth row with a single text input box containing 'NA'. The bottom of the screen shows the standard Android navigation bar with back, home, and recent apps buttons.

Block:

Screen 1:



Screen 2:

