# Sprint – 3

| Date | 14-November-2022 |
|------|------------------|
| Team ID | PNT2022TMID25993 |
| Project Name | Smart Farmer – IoT Enabled Smart Farming Application |
| Maximum Marks | - |

**Sprint 3 Task:**

1. Design a MIT App.
2. Program a logic for the MIT App. To display the data received.
3. Test the designed application
     1. UAT (User Acceptance Testing)
     2. Performance Testing
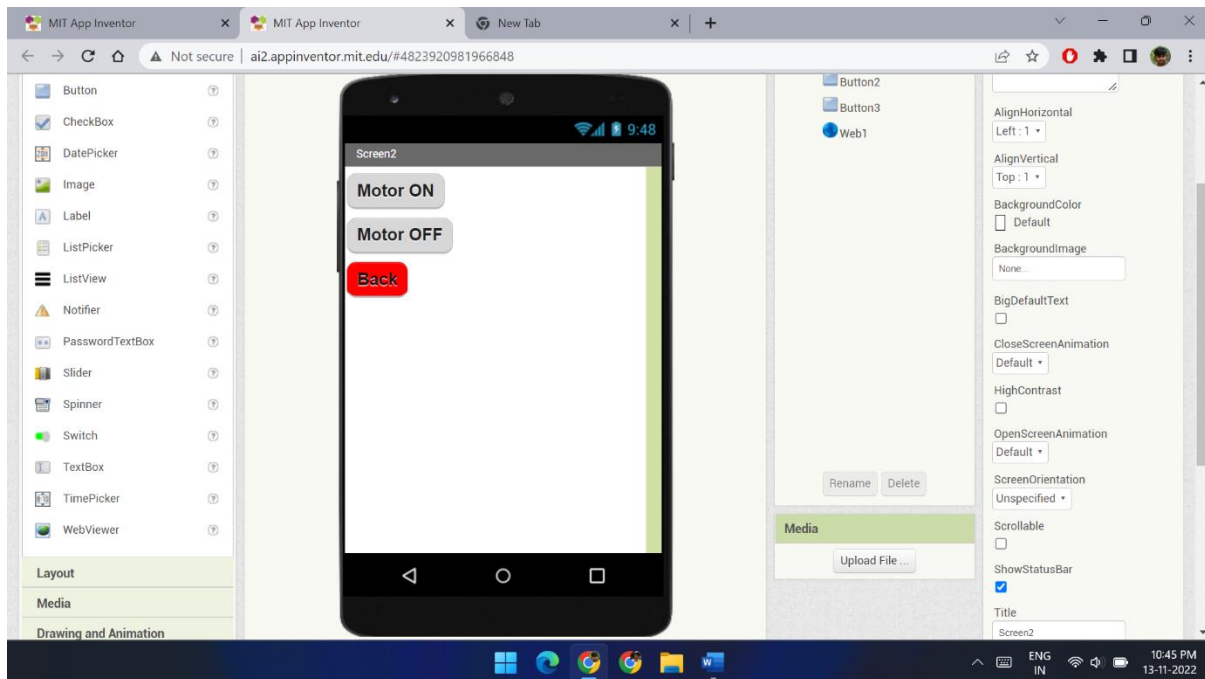
**Design a MIT Application:**

For the reference the build of the MIT Application is attached in the respective GIT Repository in the format of .aia file.

**Screen 1:**
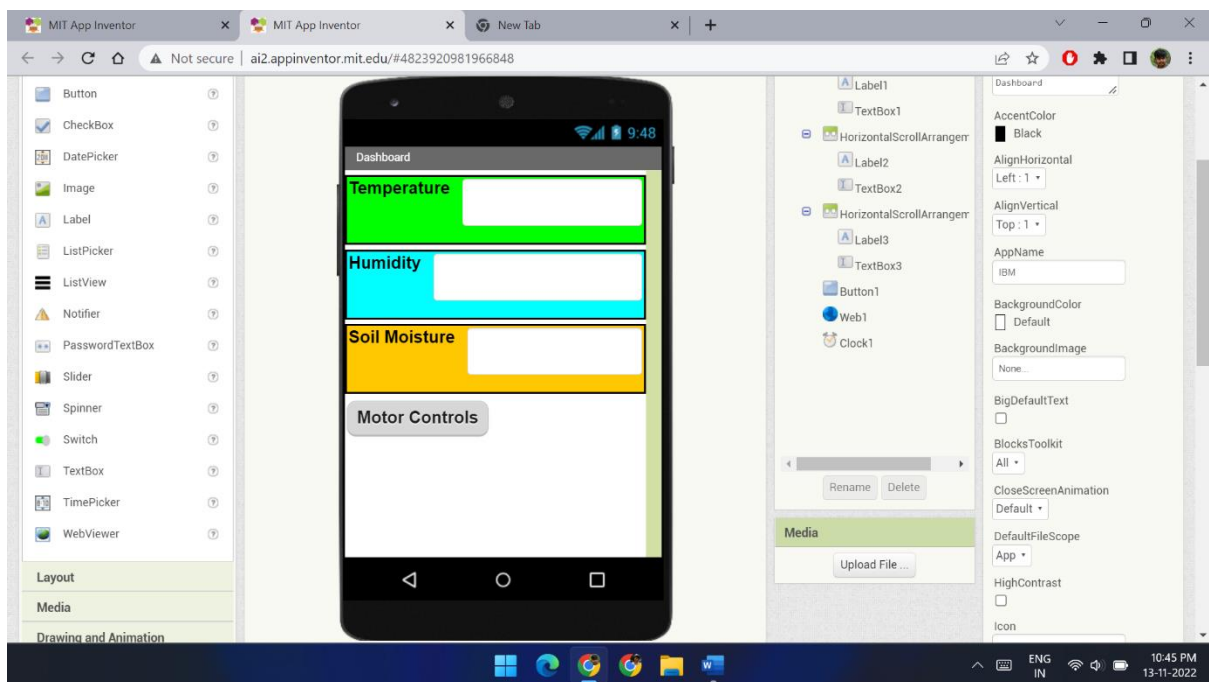


The above attached picture shows the screen 1 layout of the MIT App. Which layouts the temperature, humidity and soil moisture metrics.
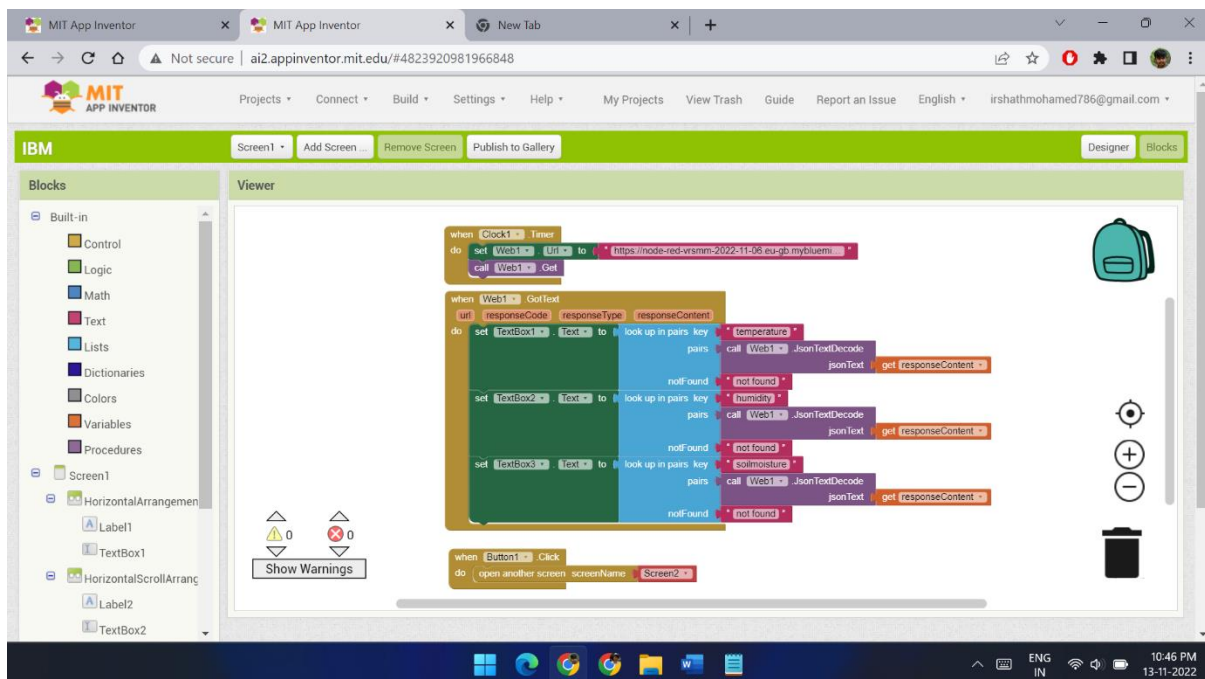
**Screen 2:**



The above attached picture shows the screen 2 for motor control operations. This layout renders the motor ON and OFF buttons to perform actions.
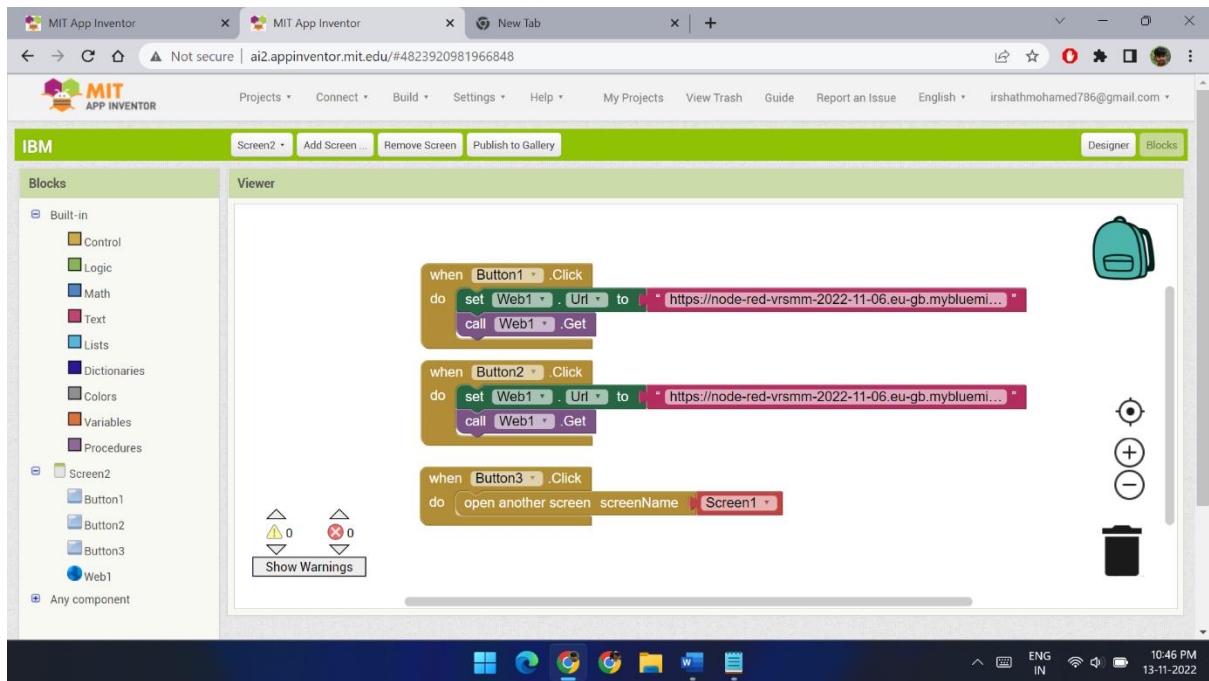
**Logic of MIT Application:**

**Screen 1:**



The above attached picture shows the logic part of the MIT Application. Where the backend operation like set, get and call requests are used.

**Screen 2:**



The above attached picture shows the logic part of second screen of the MIT Application. Where the changing screen 1 operation and other buttons operations are performed.

**Test Documents:**

In this scenario two type of testing are used to test the performance and visual output of the application and webUI.

1. User Acceptance Testing (UAT)
2. Performance Testing

**User Acceptance Testing (UAT):**

The testing and the report summary are attached in the respective GIT repository.

**Performance Testing:**

The testing and the report summary are attached in the respective GIT repository.