

SPRINT-4

MIT APP INVENTOR

Team ID	PNT2022TMID37069
PROJECT NAME	IOT BASED CROP PROTECTION SYSTEM FOR AGRICULTURE

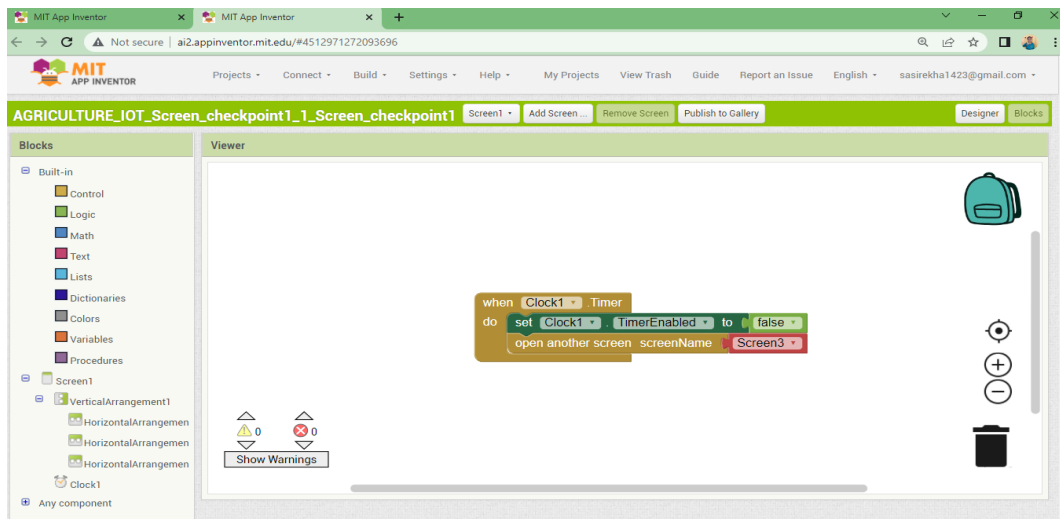
DESCRIPTION:

In Sprint-3 we introduced a service called node-red. In that we can see a dashboard which used to visualize the data but every time a farmer cannot go to that node red service. It is difficult to copy the link and find the DASHBOARD in browsers all time, hence here we develop an app called “Agriculture_IOT”. By using this app the user can enter into the DASHBOARD directly and visualize the data.

BACKEND OF MIT APP (USING PC)

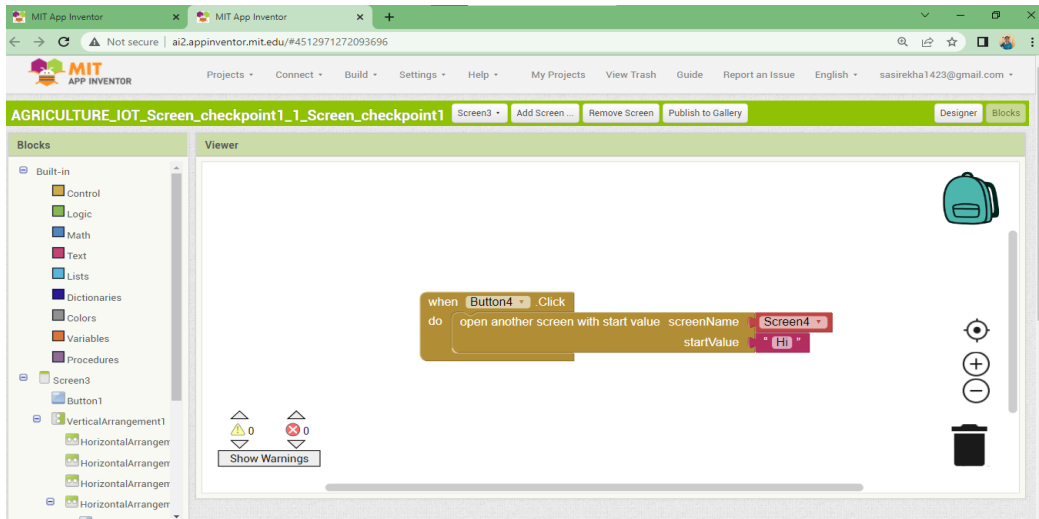
1.Create an backend of screen one :

Screen1 is set with clock1 which has the timer of 1000ms to move to the next screen



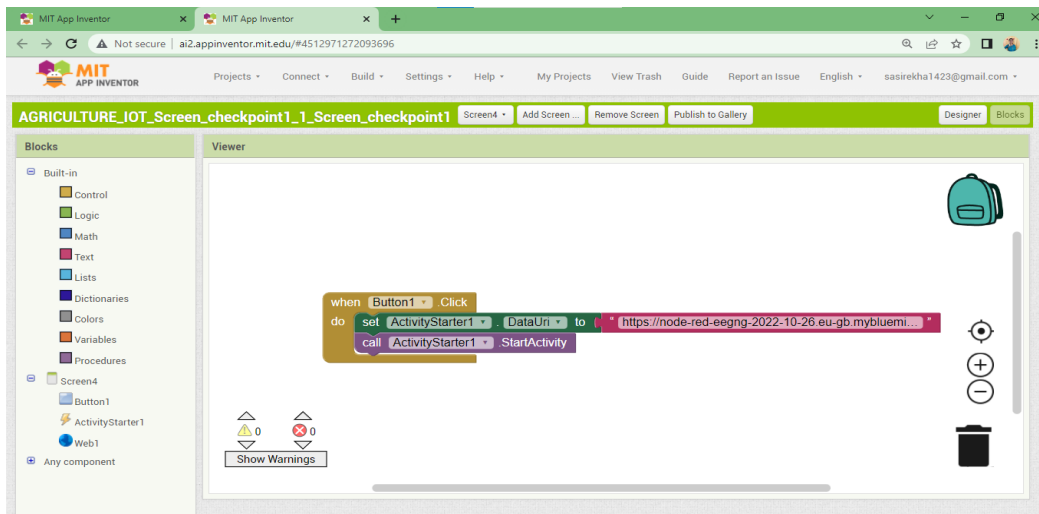
2. Create a backend of screen2:

Here in screen2 we set the condition of clicking the button which moves from screen2 to screen3



3. Create the backend of screen3:

Now we linked the URL of node-red dashboard to the view website



FRONTEND OF MIT APP (USING MOBILE)

1.SCREEN1:

Screen one is the entry site which has icon of AGRICULTURE



2.SCREEN2:

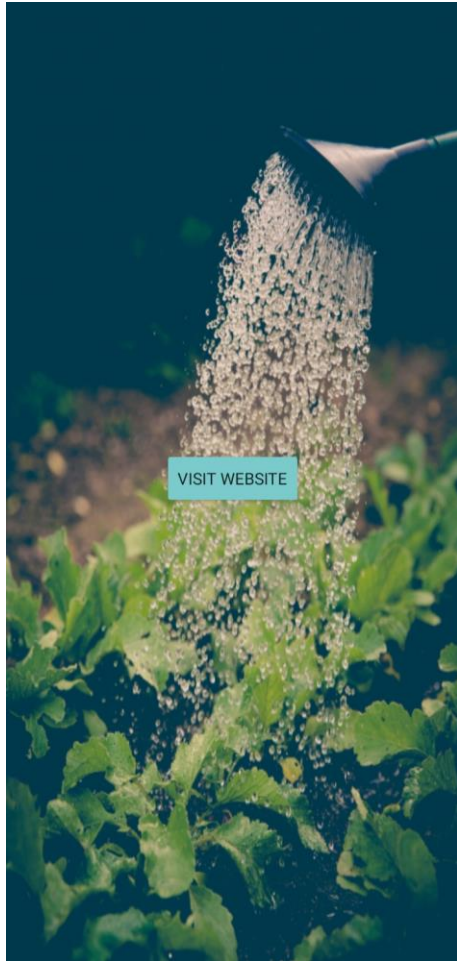
Screen2 is having dashboard button which enters in to screen3

Smart Agriculture Using IOT

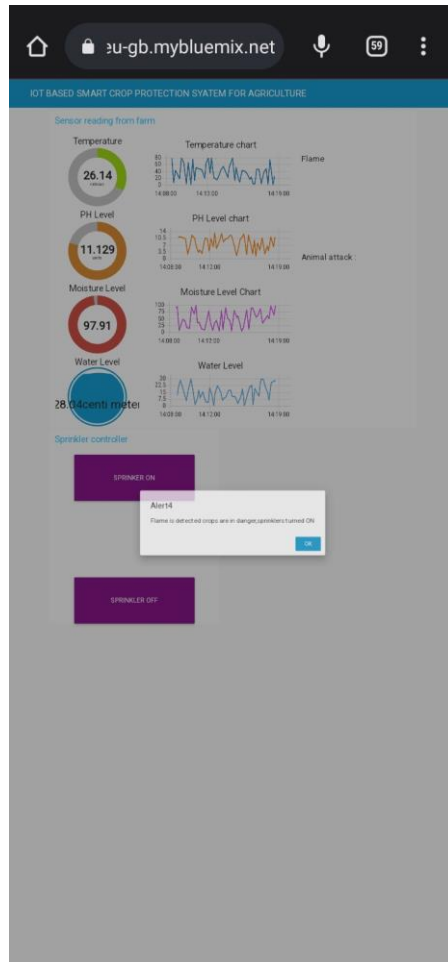
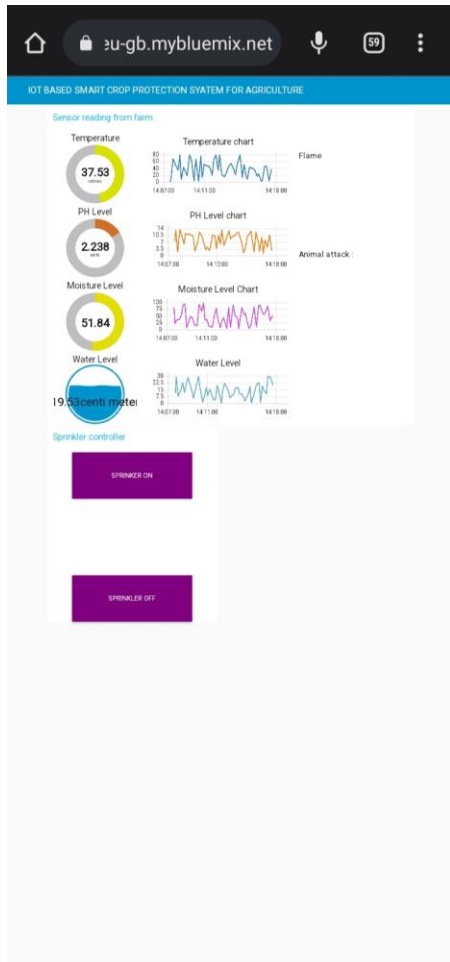


3.SCREEN3:

In screen3 it contains of visit website button after clicking it that enters to the node-red dashboard directly



RESULT:



MOBILE APPLICATION - BAR CODE FOR APK FILE:

