

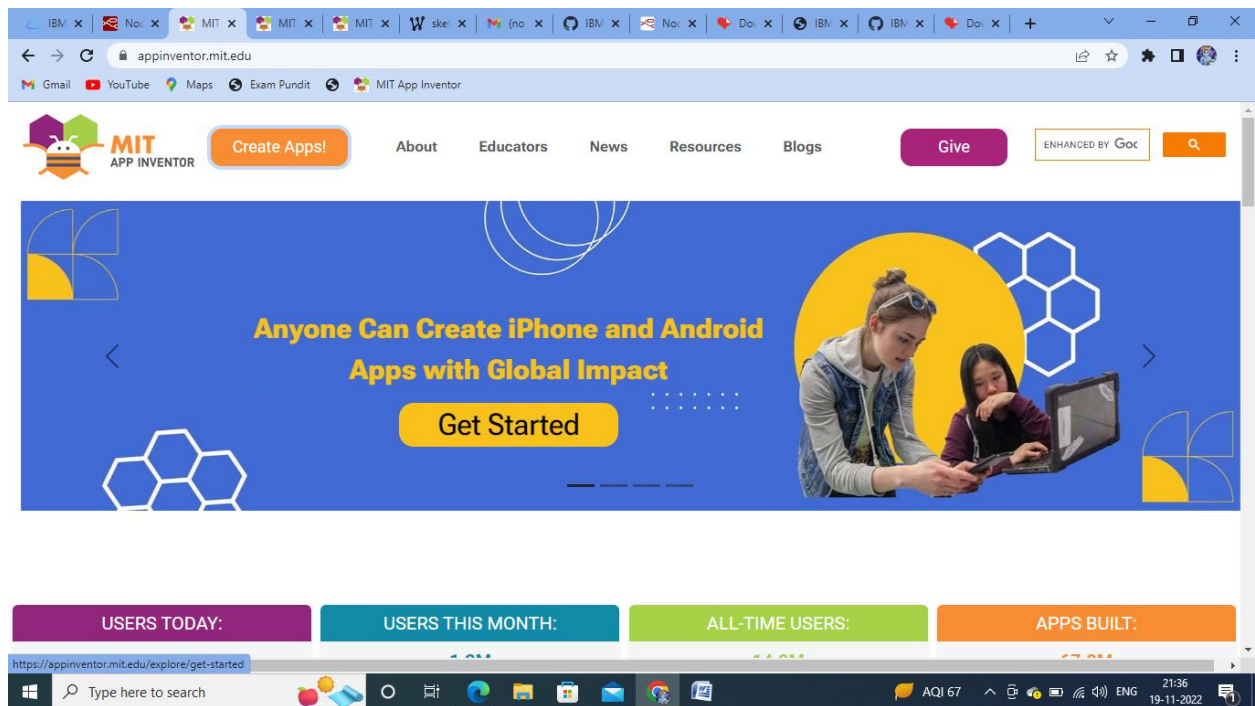
Project Development Phase

Delivery of Sprint -3

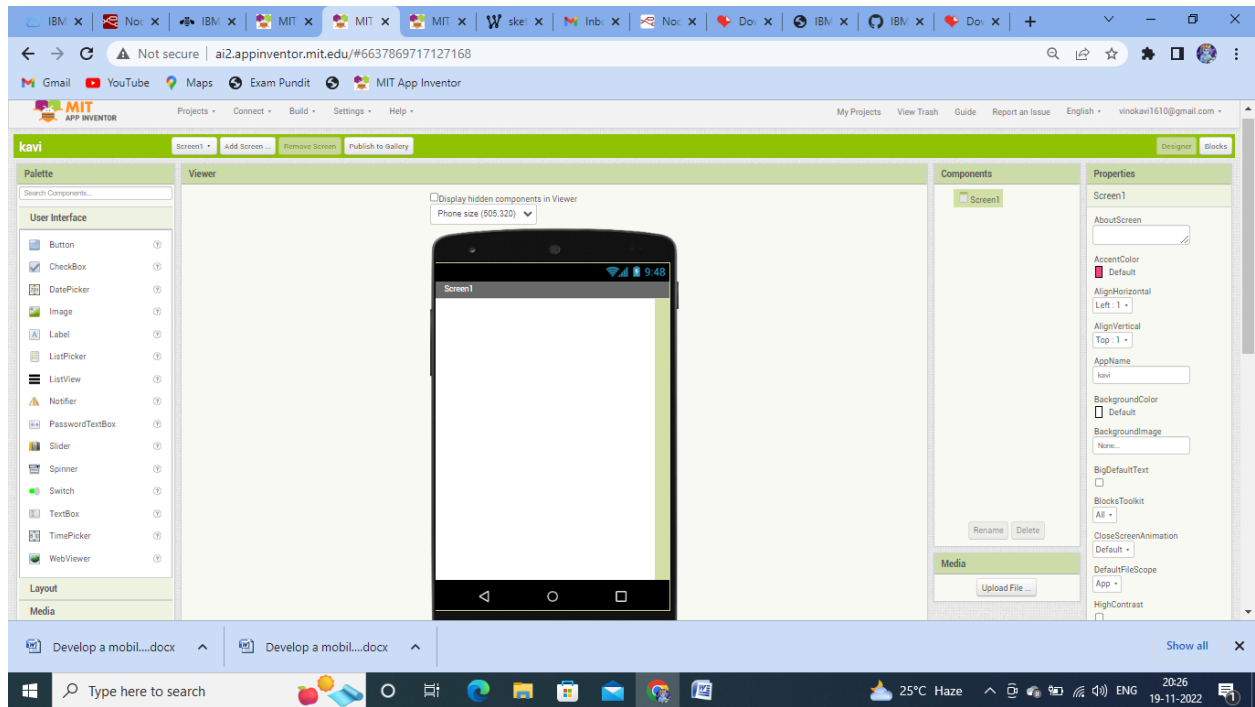
Team ID	PNT2022TMID48383
Project Name	Smart Farmer-IOT Enabled Smart Farming Application

In Sprint-3 we are going to develop the Mobile web application

Step 1: Open chrome and type mit app inventor <https://appinventor.mit.edu/> after clicking that link it redirecting to next page as shown below.



Step-2: we have click create apps and need to sign into the mit app inventor .It is redirecting into the next page and .select the new project give the project name. click ok. The given window will be open.



Step3: so while designing the mobile app there two parts

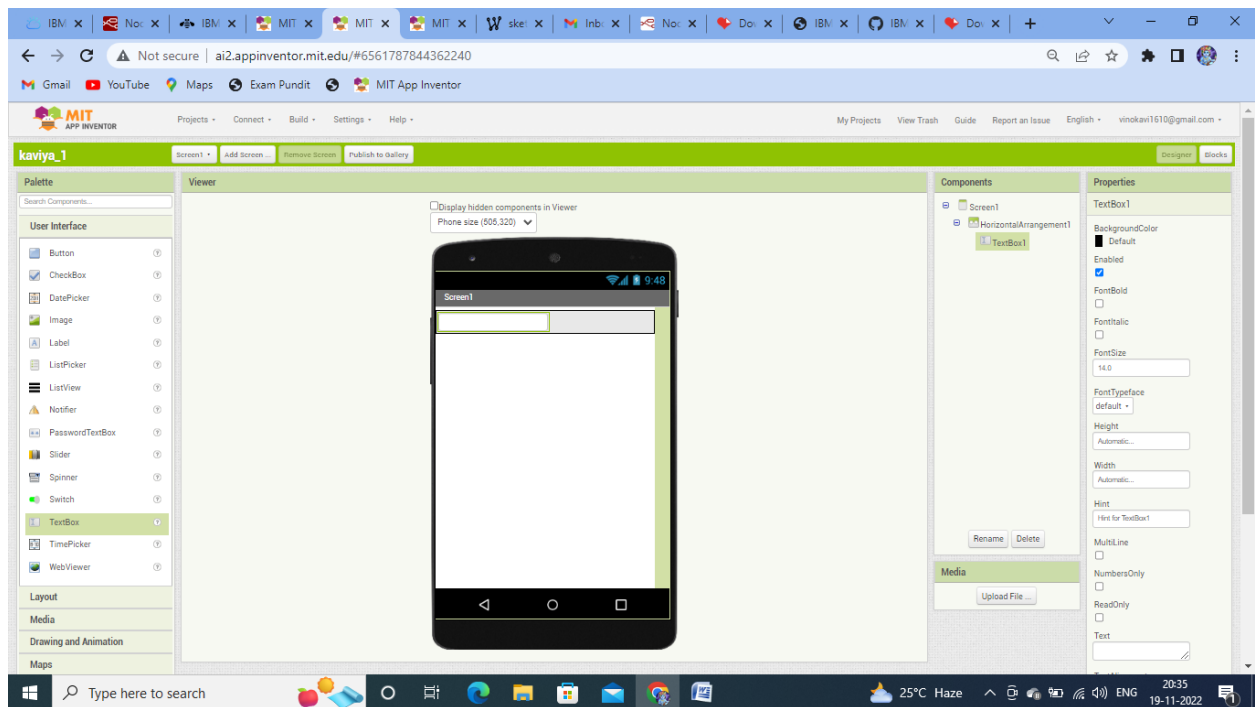
1.Designer

2.Blocks

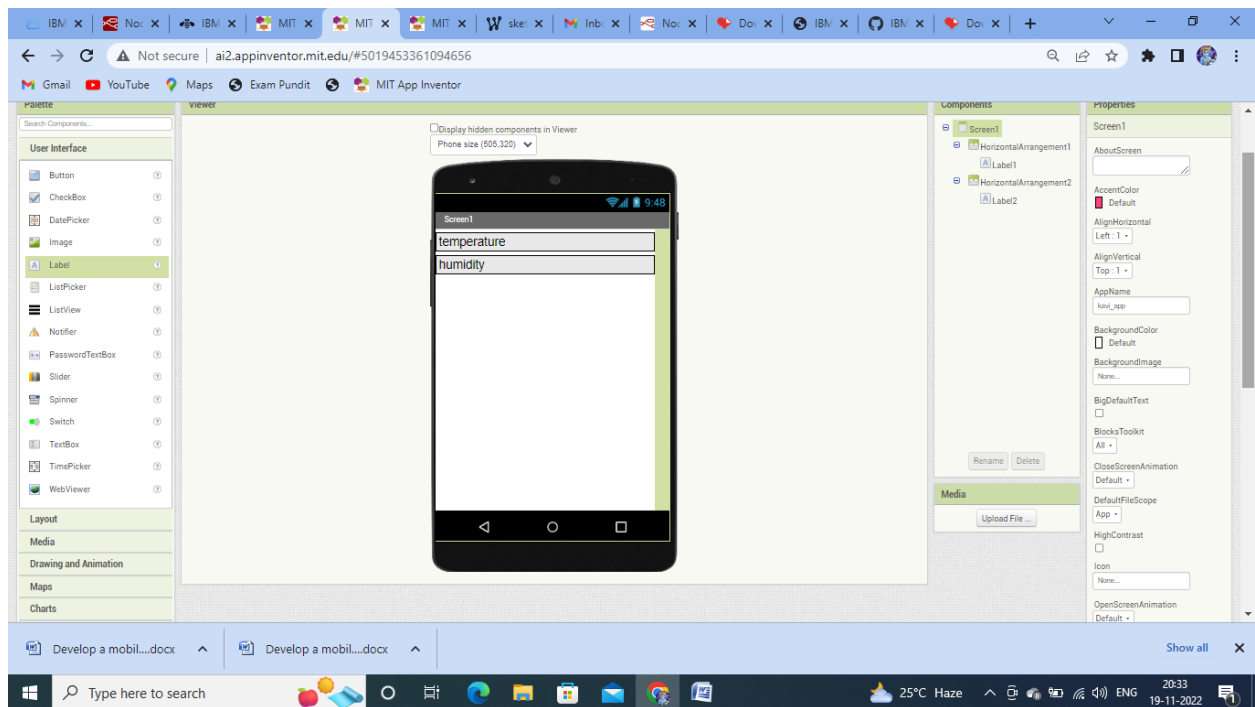
First we are going to design the designer part.

We need to add the horizontal arrangement-1 into mobile screen and we see in component section and their properties in right side of window. So we can change height and width, colour etc.

Step-1: Now we have to add Text box-1 and Label-1.

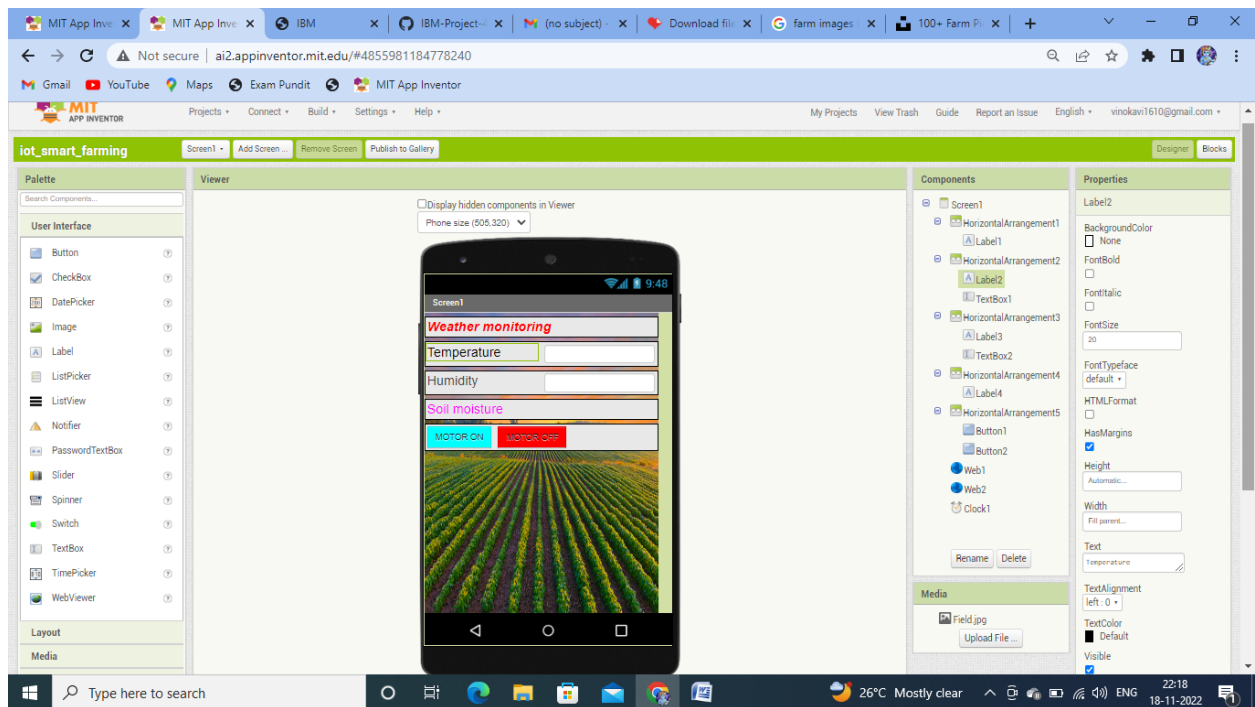


Step-2: Now rename the textbox-1,2,3 as temperature ,humidity and soil moisture.



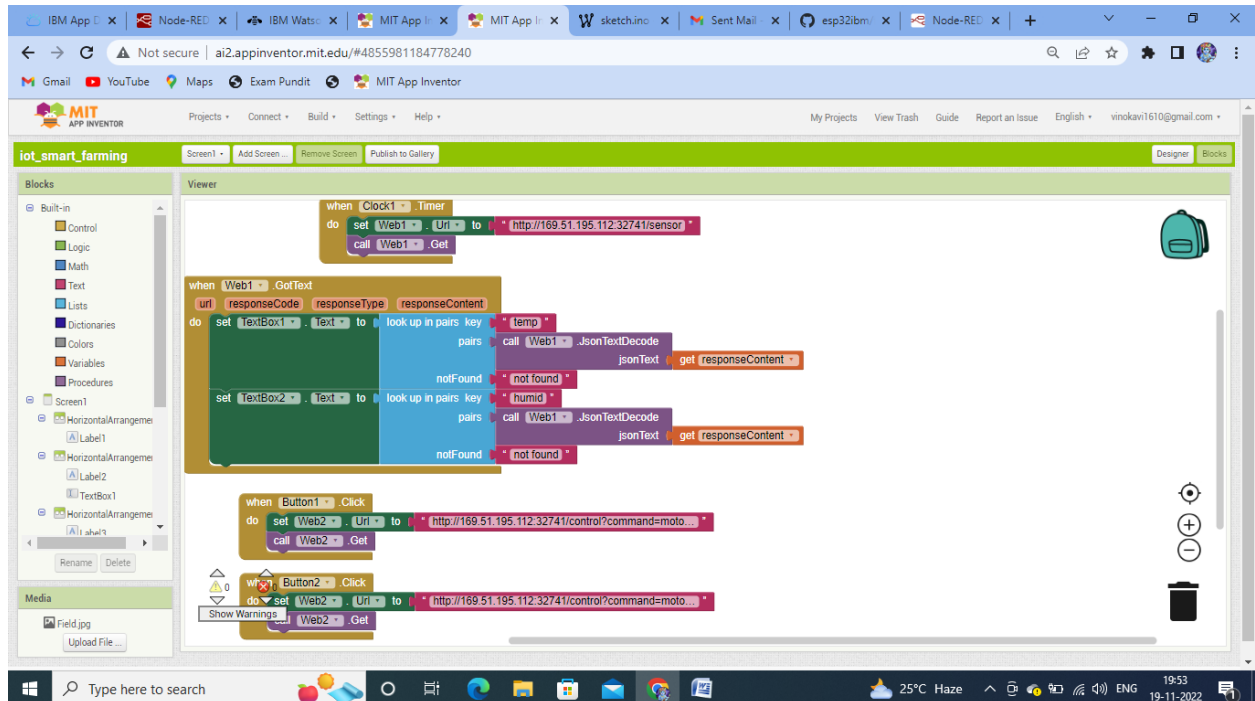
Step-3: Finally we have to rename screen-1 has the weather monitoring and control. And add the motor ON and motor OFF controls. Add the background themes

<http://ai2.appinventor.mit.edu/#4855981184778240> click the link the window will be open.

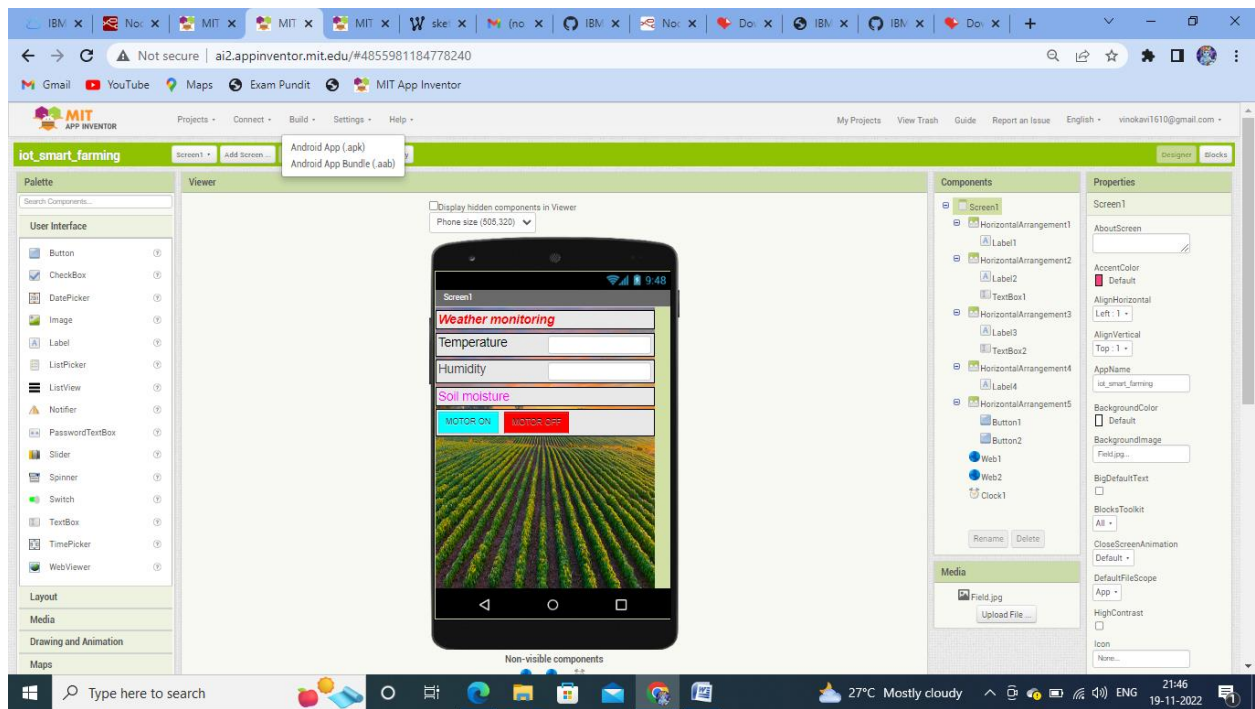


Second part of the mit app inventor is building the blocks to connect the nodered to MIT APP Inventor.

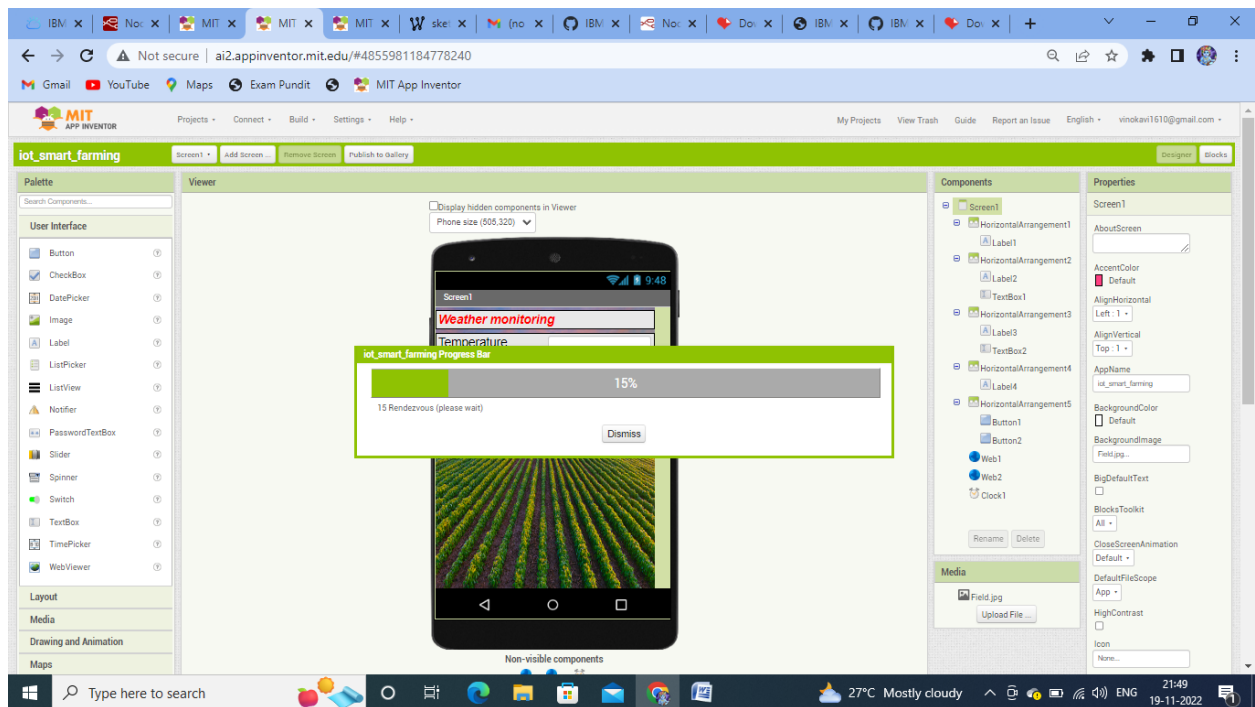
Finally designer block is given below.



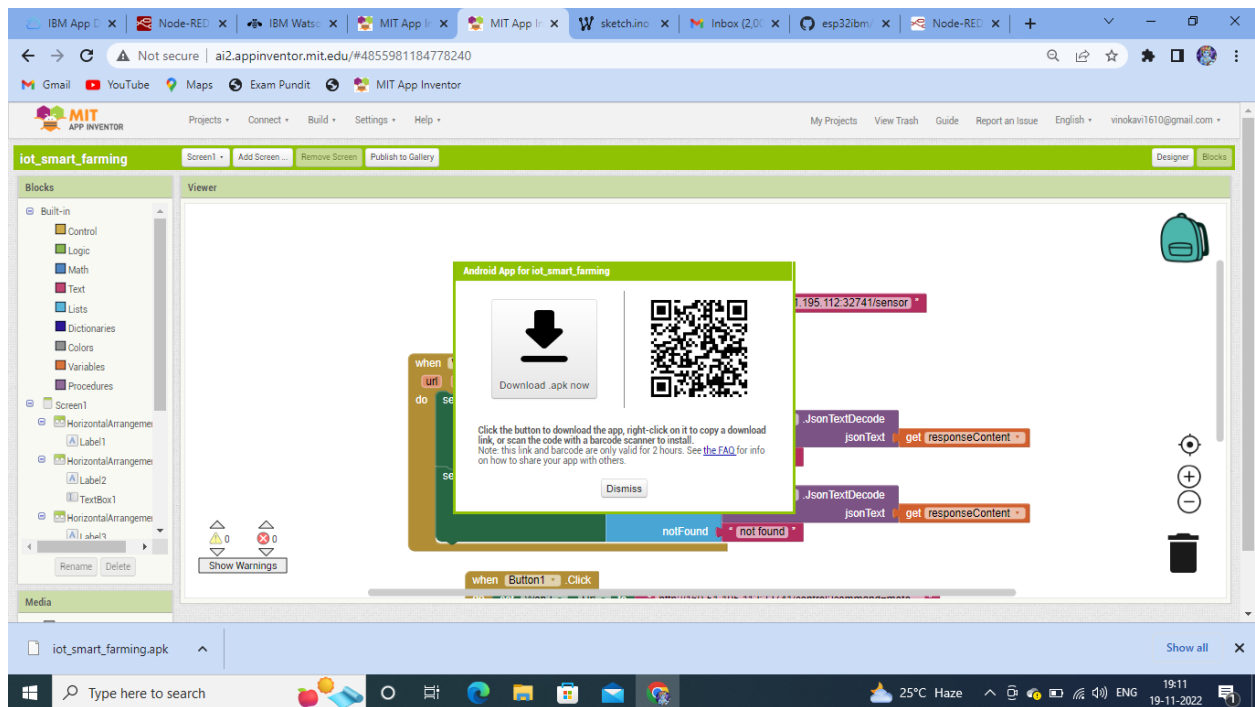
Step-4:Go to build and click the weather monitoring(APK) the apk file will be downloaded and these file can open in our mobile.



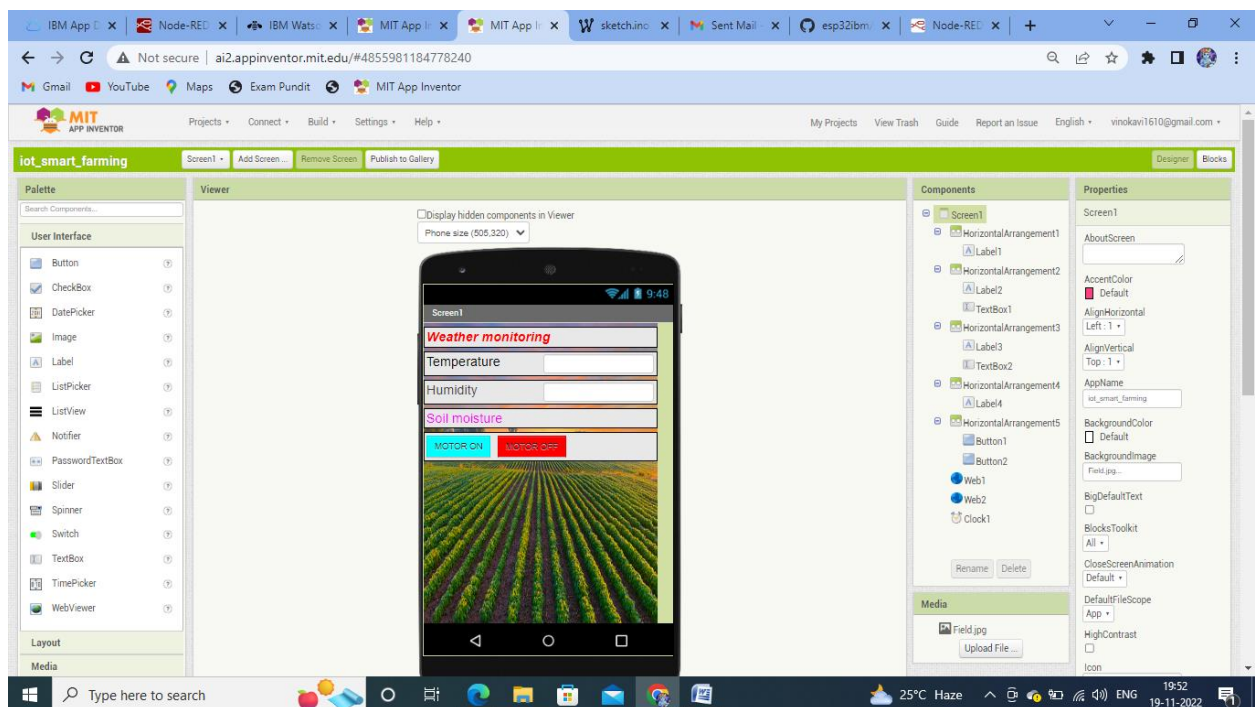
Step-5: After click apk file it take one minute compiling.



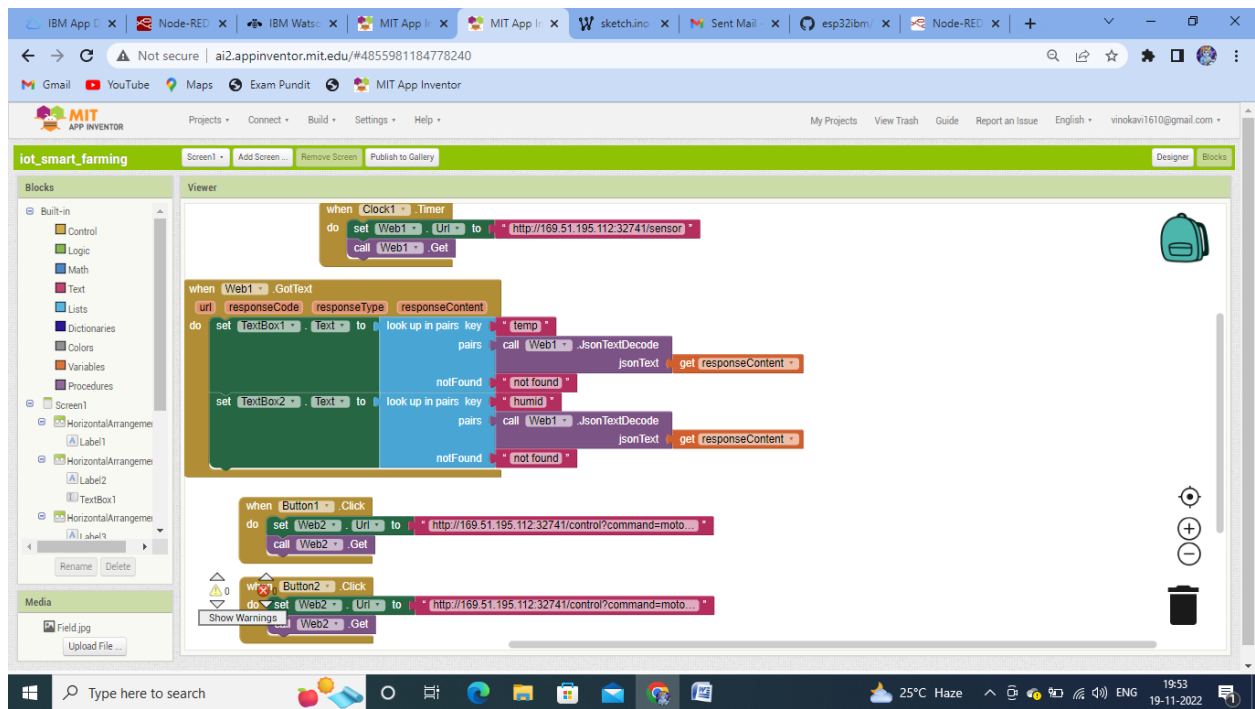
Step-6: Click the download apk.file



The below window will be open in your mobile.



Final block design in mobile application.



After Downloading APK file we need to install in our mobile .after successful installation it showing app icon in our mobile. as given below.

4G 8:41



VoLTE 60



Rocket.Chat



iot_smart...



