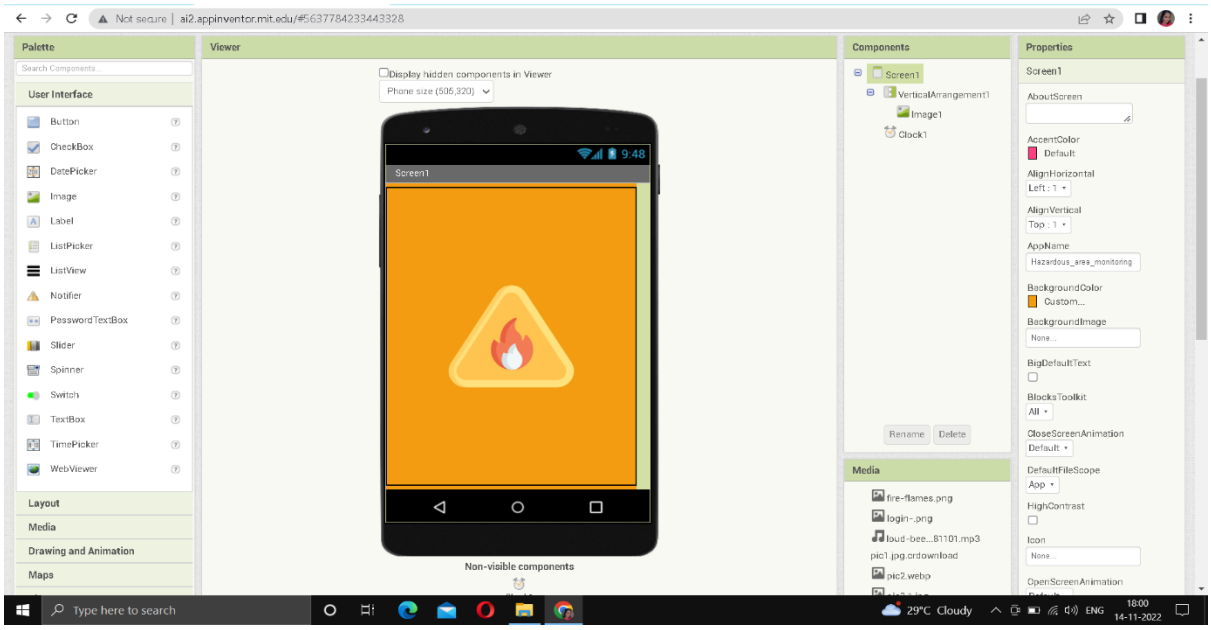
# Hazardous Area Monitoring for Industrial Plant Powered by IoT

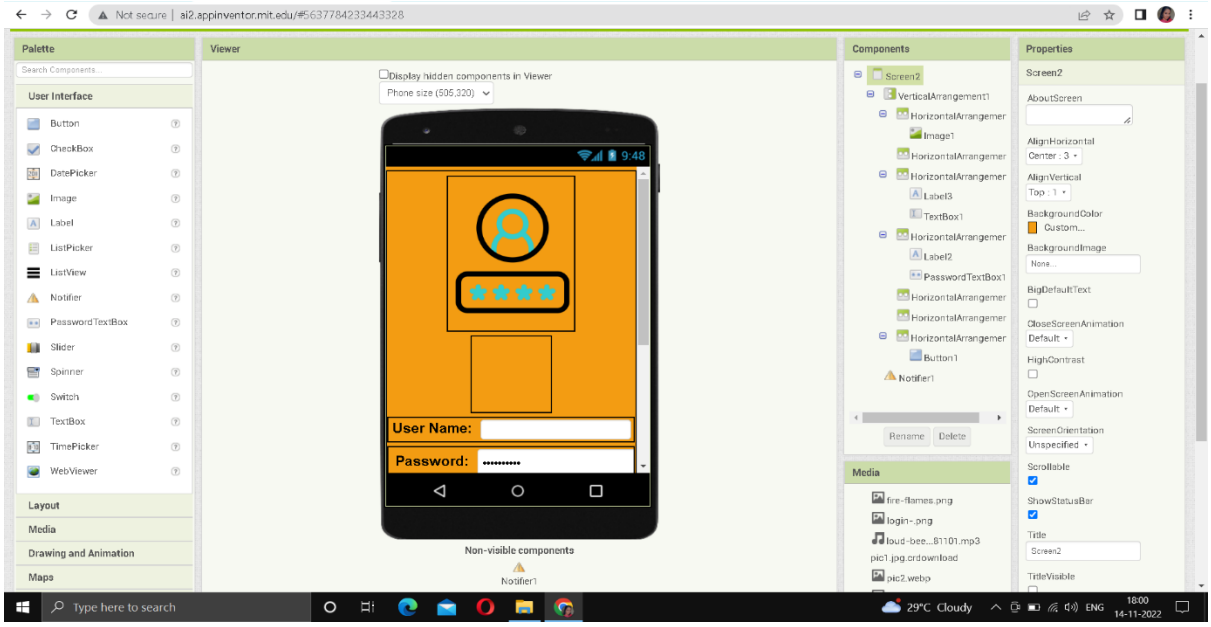
**Team ID:** PNT2022TMID41272 **Project planning phase:** Sprint04

**STEP 1:** Go to chrome and search MIT app inventor. Create projects and add screen also create a front end for our requirements.

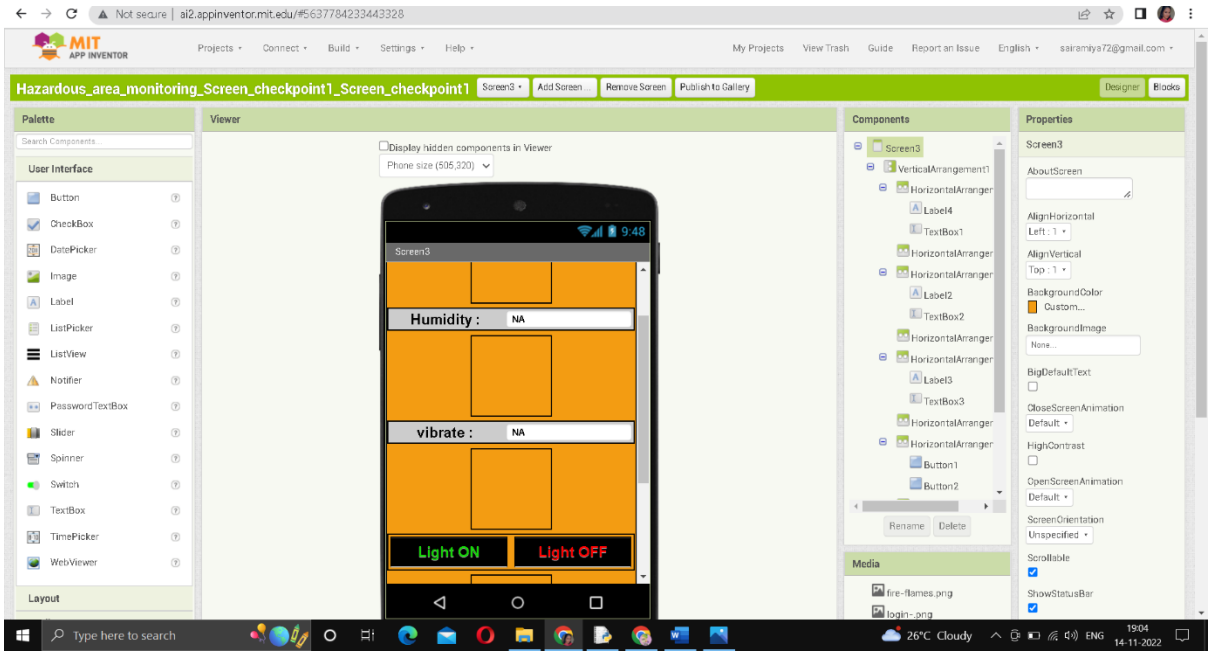
## SCREEN1




## SCREEN2

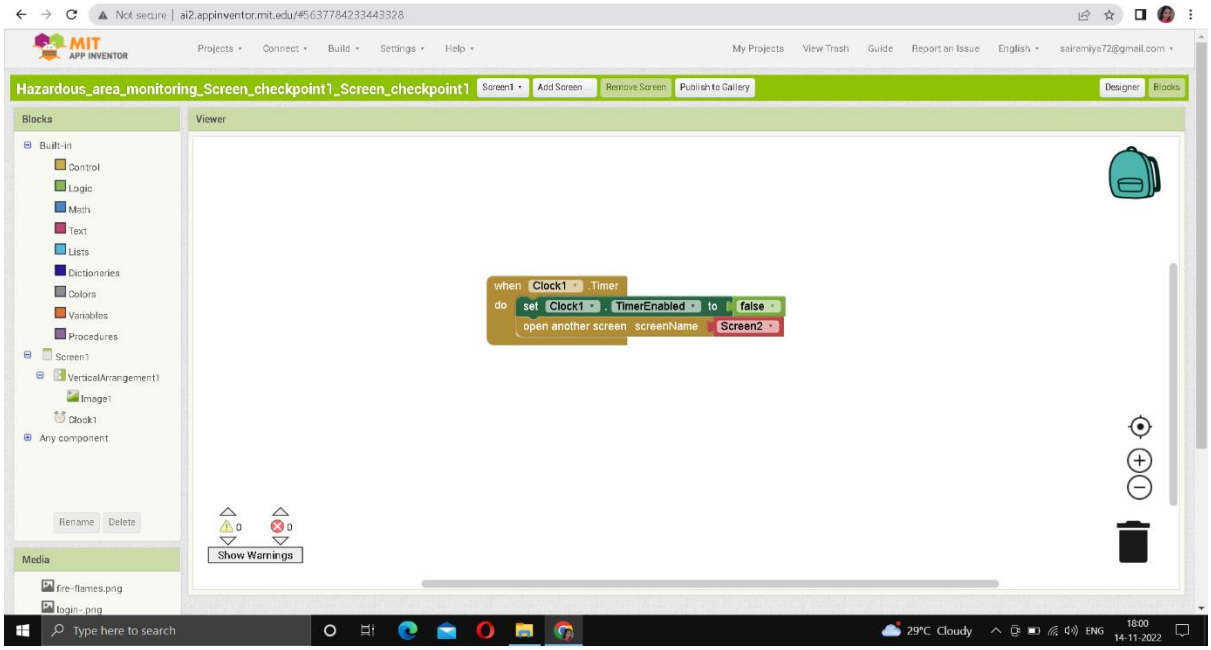


## SCREEN3

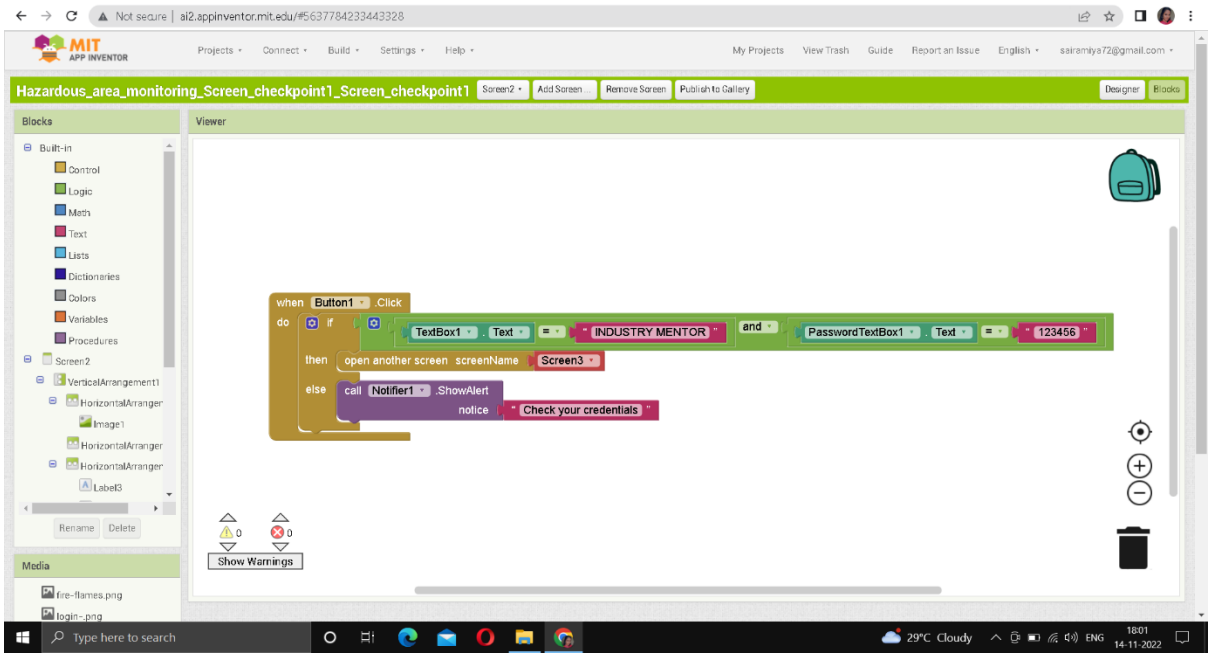



**STEP 2:** Go to the blocks and create a back end functions block.

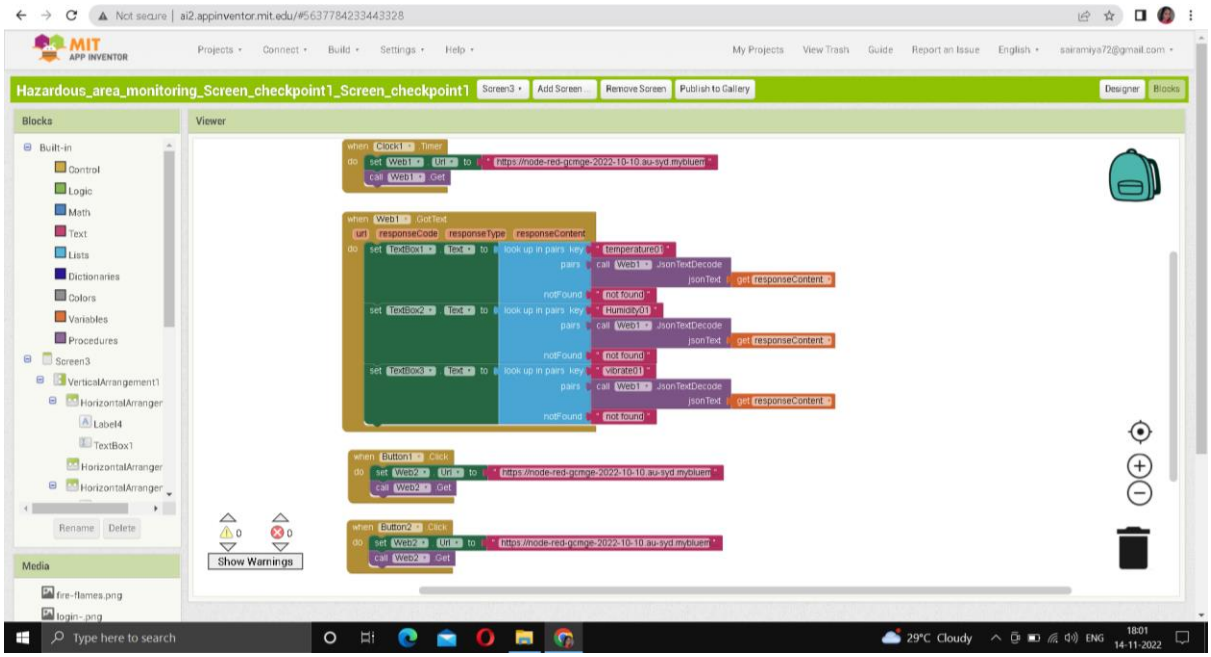
## SCREEN1



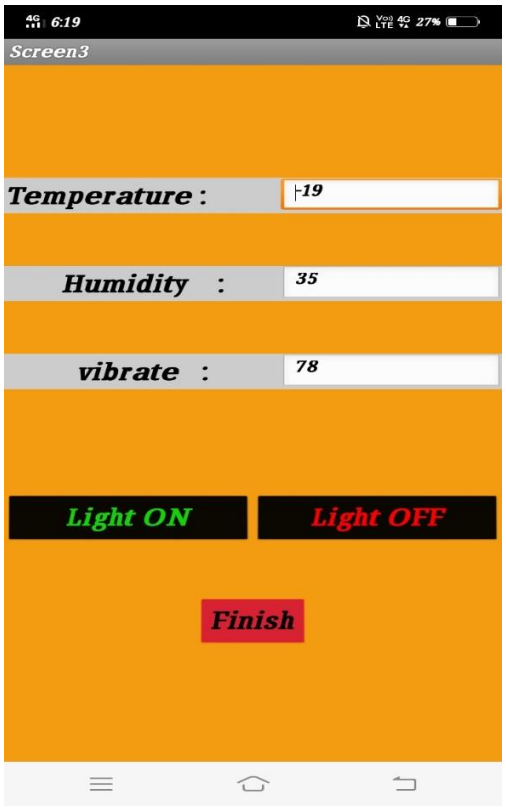
## SCREEN2

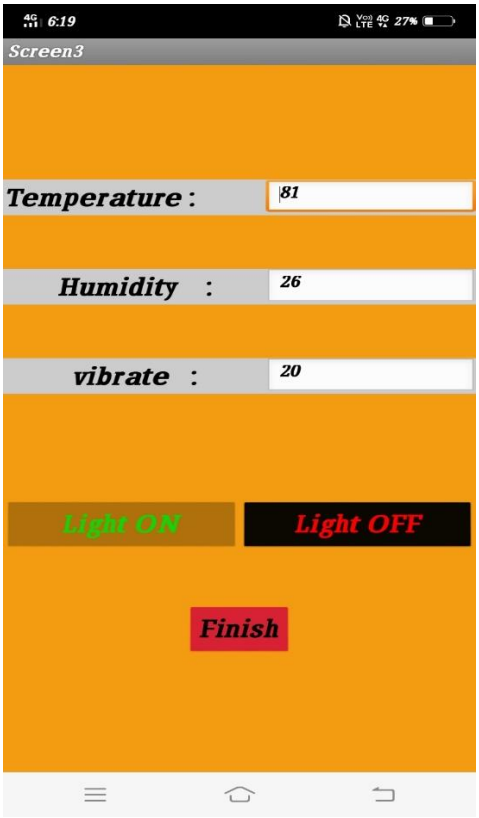



## SCREEN3




**STEP 3:** Run the python code and paste the node red url in the screen3. By this we can connect the mobile app and view the temperature , humidity and vibration parameters in the mobile app.


6:19
27%
Screen3
Temperature :
19
Humidity :
35
vibrate :
78
Light ON
Light OFF
Finish


6:19
27%
Screen3
Temperature :
81
Humidity :
26
vibrate :
20
Light ON
Light OFF
Finish


6:19
27%
Screen3
Temperature :
5
Humidity :
55
vibrate :
60
Light ON
Light OFF
Finish

When we touch the light on and off in the mobile app you will receive the command in the python output page.