

PROJECT DEVELOPMENT PHASE

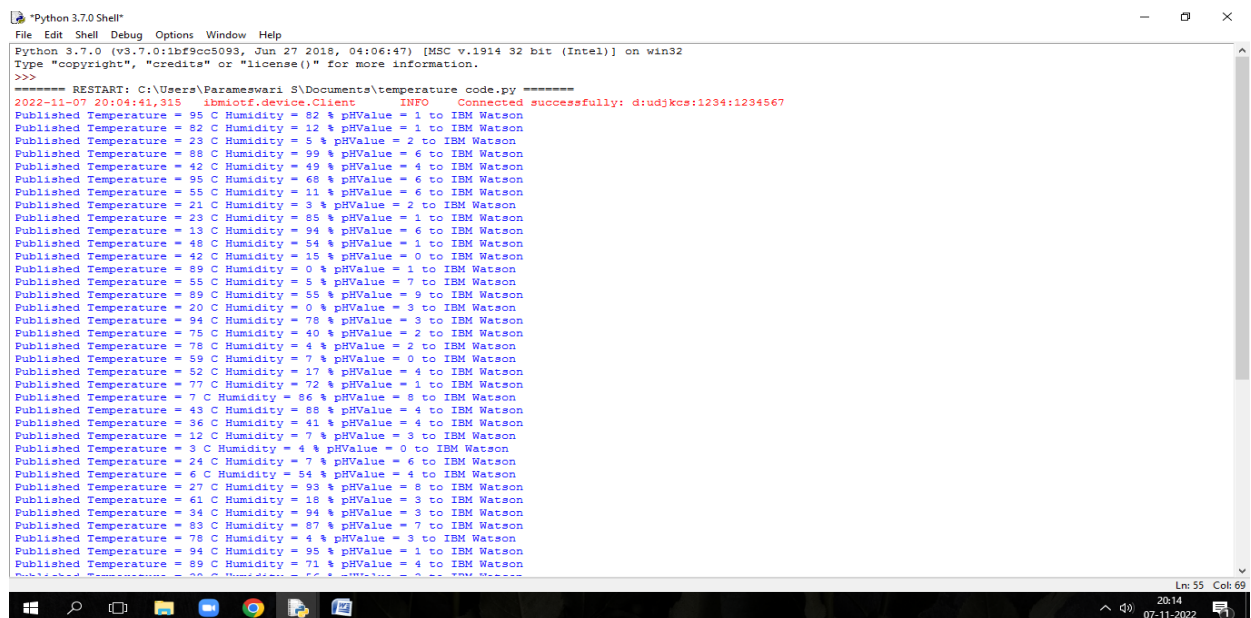
PROJECT DEVELOPMENT DELIVERY OF SPRINT 4

Date	15-11-2022
Team ID	PNT2022TMID08477
Project Name	Real-Time River Water Quality Monitoring and Control System

SPRINT DESCRIPTION

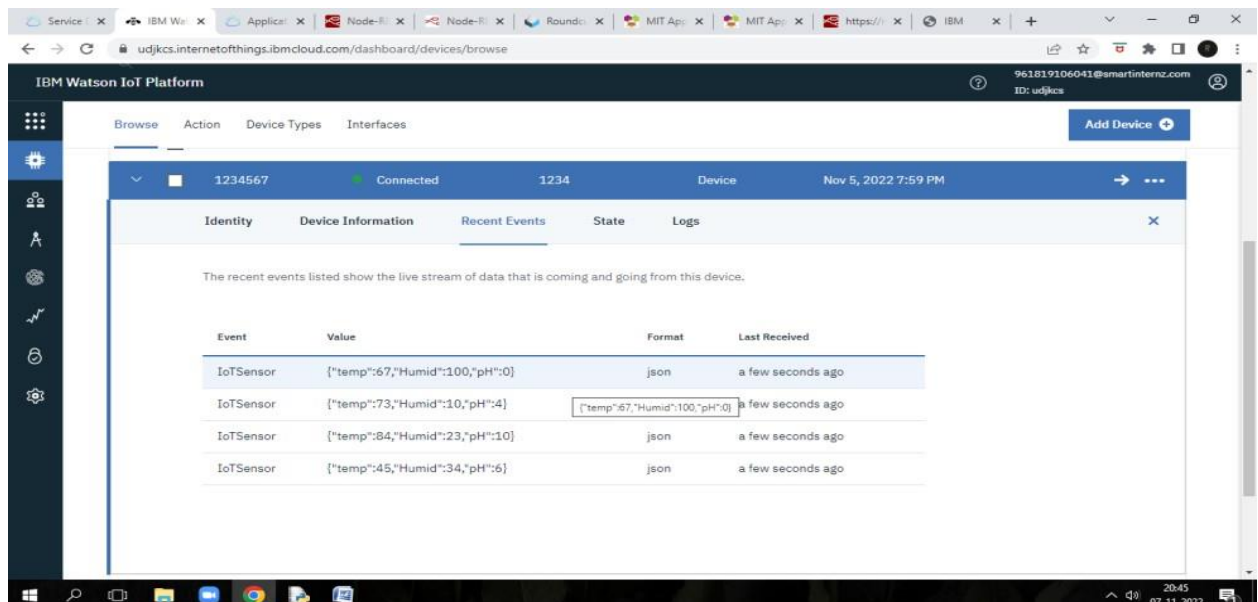
In this Sprint we are about to describe about the Application we have developed and the Final Testing of the Python Code.

PYTHON EXECUTED OUTPUT



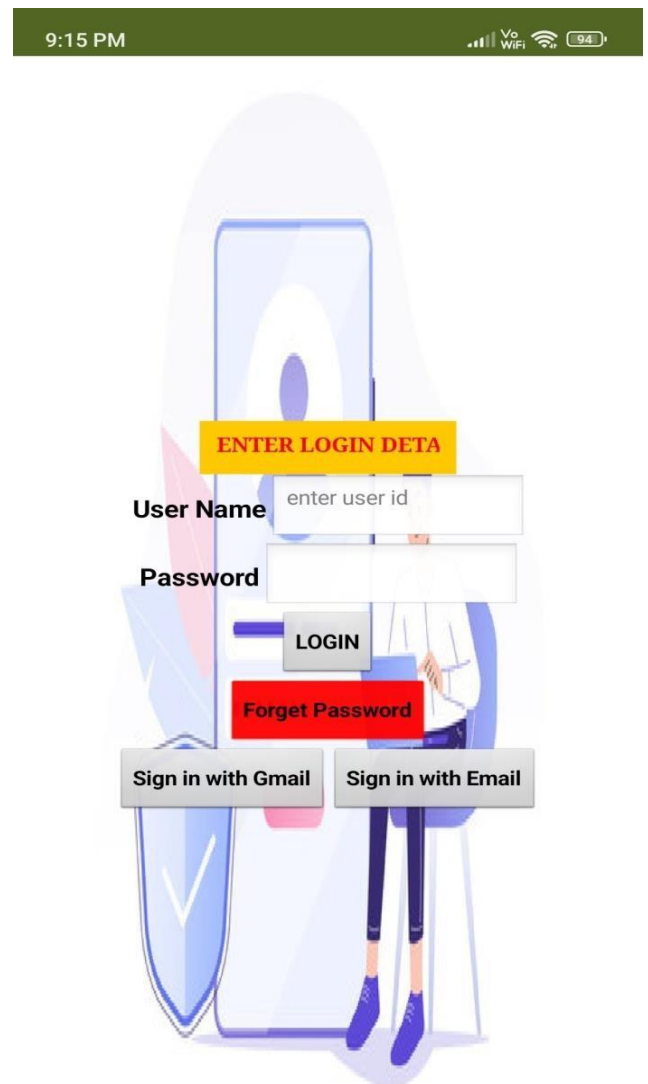
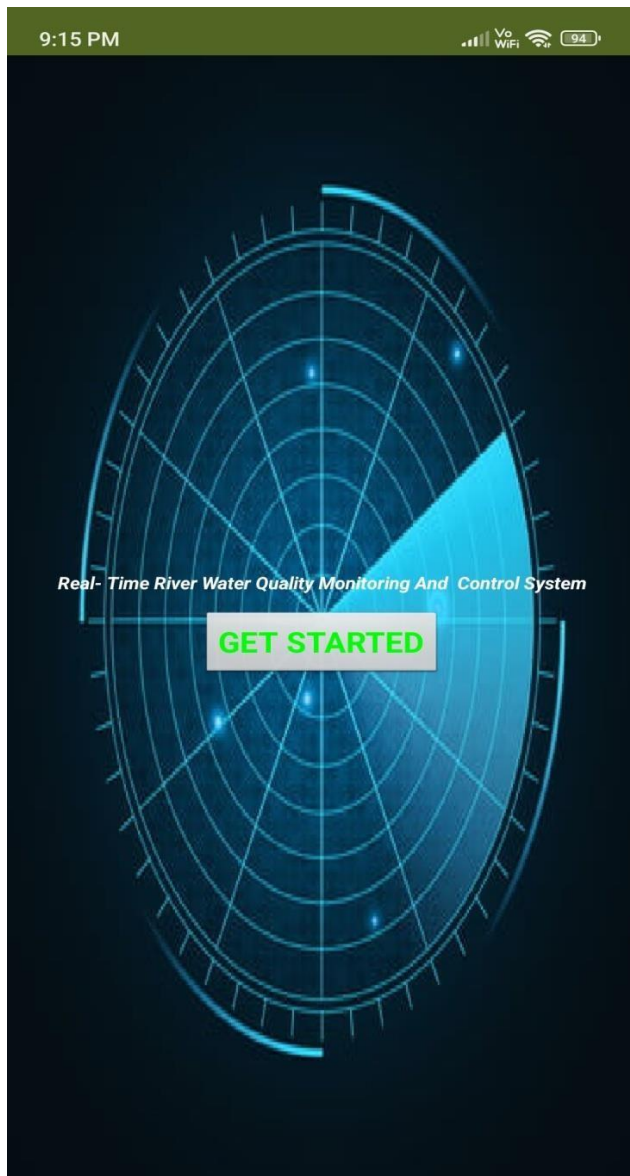
```
Python 3.7.0 Shell
File Edit Shell Debug Options Window Help
Python 3.7.0 (vs7.0:1bf9cc5093, Jun 27 2016, 04:06:47) [MSC v.1914 32 bit (Intel)] on win32
Type "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: C:\Users\Parameswari S\Documents\temperature code.py =====
2022-11-07 20:04:41.315 ibmiotf.device.Client INFO Connected successfully: d:udjks:1234:1234567
Published Temperature = 95 C Humidity = 82 % pHValue = 1 to IBM Watson
Published Temperature = 82 C Humidity = 12 % pHValue = 1 to IBM Watson
Published Temperature = 23 C Humidity = 5 % pHValue = 2 to IBM Watson
Published Temperature = 88 C Humidity = 99 % pHValue = 6 to IBM Watson
Published Temperature = 42 C Humidity = 49 % pHValue = 4 to IBM Watson
Published Temperature = 95 C Humidity = 68 % pHValue = 6 to IBM Watson
Published Temperature = 55 C Humidity = 11 % pHValue = 6 to IBM Watson
Published Temperature = 21 C Humidity = 3 % pHValue = 2 to IBM Watson
Published Temperature = 23 C Humidity = 85 % pHValue = 1 to IBM Watson
Published Temperature = 13 C Humidity = 94 % pHValue = 6 to IBM Watson
Published Temperature = 48 C Humidity = 54 % pHValue = 1 to IBM Watson
Published Temperature = 42 C Humidity = 15 % pHValue = 0 to IBM Watson
Published Temperature = 89 C Humidity = 0 % pHValue = 1 to IBM Watson
Published Temperature = 55 C Humidity = 5 % pHValue = 7 to IBM Watson
Published Temperature = 89 C Humidity = 55 % pHValue = 9 to IBM Watson
Published Temperature = 20 C Humidity = 0 % pHValue = 3 to IBM Watson
Published Temperature = 94 C Humidity = 78 % pHValue = 3 to IBM Watson
Published Temperature = 75 C Humidity = 40 % pHValue = 2 to IBM Watson
Published Temperature = 78 C Humidity = 4 % pHValue = 2 to IBM Watson
Published Temperature = 59 C Humidity = 7 % pHValue = 0 to IBM Watson
Published Temperature = 52 C Humidity = 17 % pHValue = 4 to IBM Watson
Published Temperature = 77 C Humidity = 72 % pHValue = 1 to IBM Watson
Published Temperature = 7 C Humidity = 86 % pHValue = 8 to IBM Watson
Published Temperature = 43 C Humidity = 88 % pHValue = 4 to IBM Watson
Published Temperature = 36 C Humidity = 41 % pHValue = 4 to IBM Watson
Published Temperature = 3 C Humidity = 4 % pHValue = 0 to IBM Watson
Published Temperature = 24 C Humidity = 7 % pHValue = 6 to IBM Watson
Published Temperature = 6 C Humidity = 54 % pHValue = 4 to IBM Watson
Published Temperature = 27 C Humidity = 93 % pHValue = 8 to IBM Watson
Published Temperature = 61 C Humidity = 18 % pHValue = 3 to IBM Watson
Published Temperature = 34 C Humidity = 94 % pHValue = 3 to IBM Watson
Published Temperature = 83 C Humidity = 87 % pHValue = 7 to IBM Watson
Published Temperature = 78 C Humidity = 4 % pHValue = 3 to IBM Watson
Published Temperature = 94 C Humidity = 95 % pHValue = 1 to IBM Watson
Published Temperature = 89 C Humidity = 71 % pHValue = 4 to IBM Watson
```

We have successfully developed the python code and executed it. The code runs with the Temperature, Humidity and pH Value also displayed in the IBM IoT Platform.

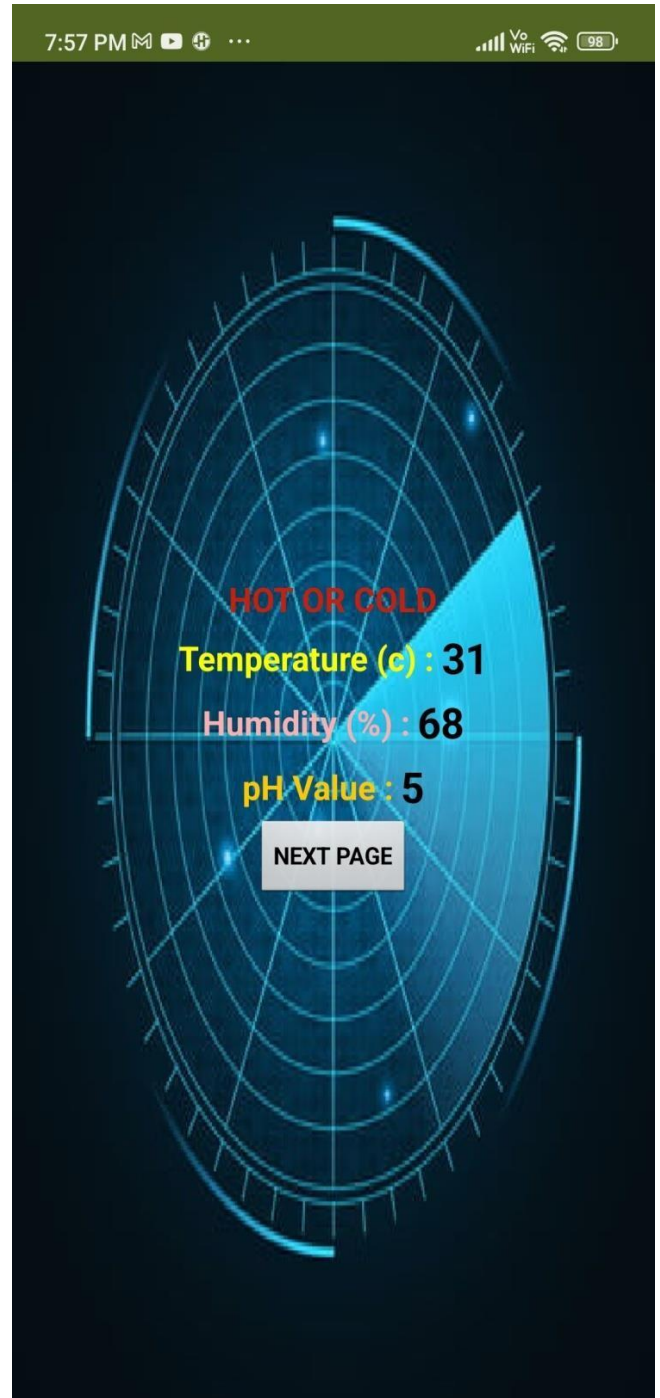
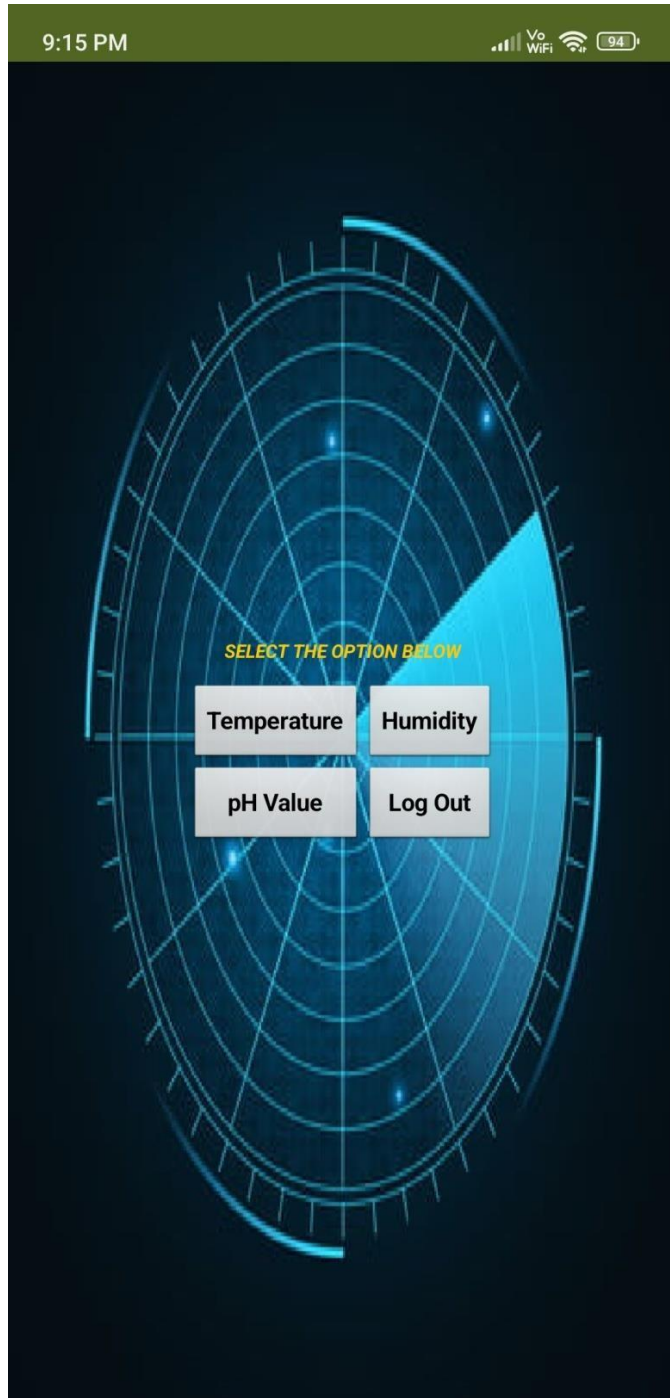


APPLICATION SCREENS

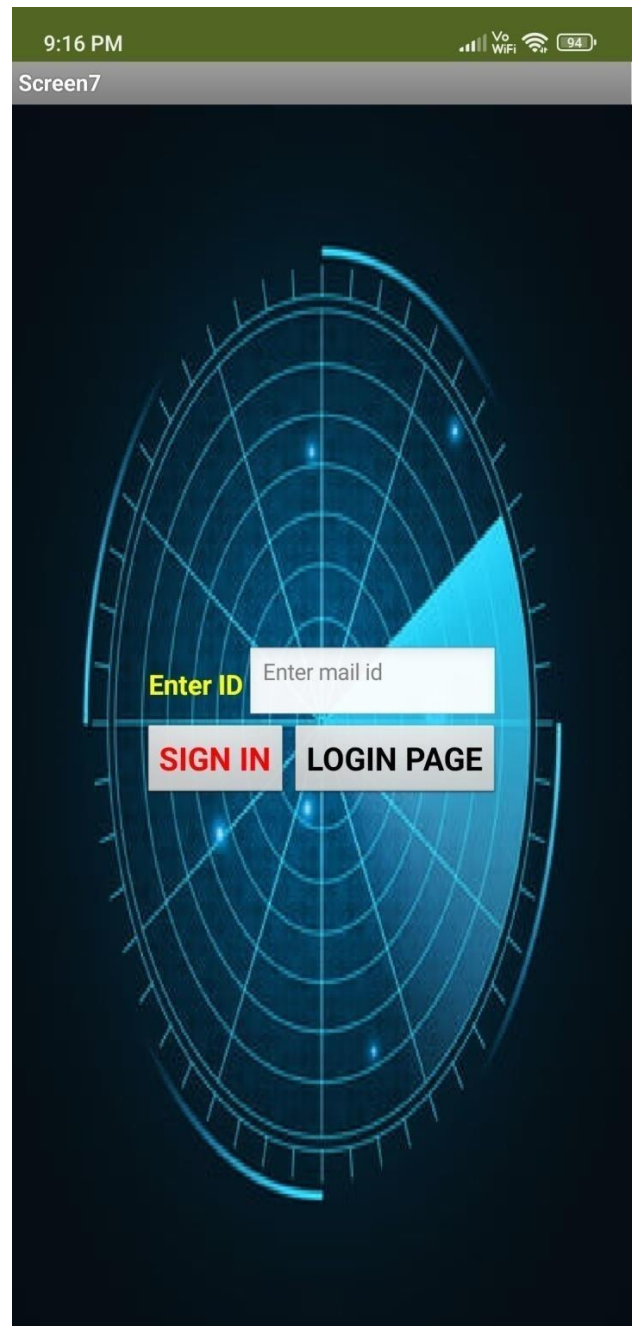
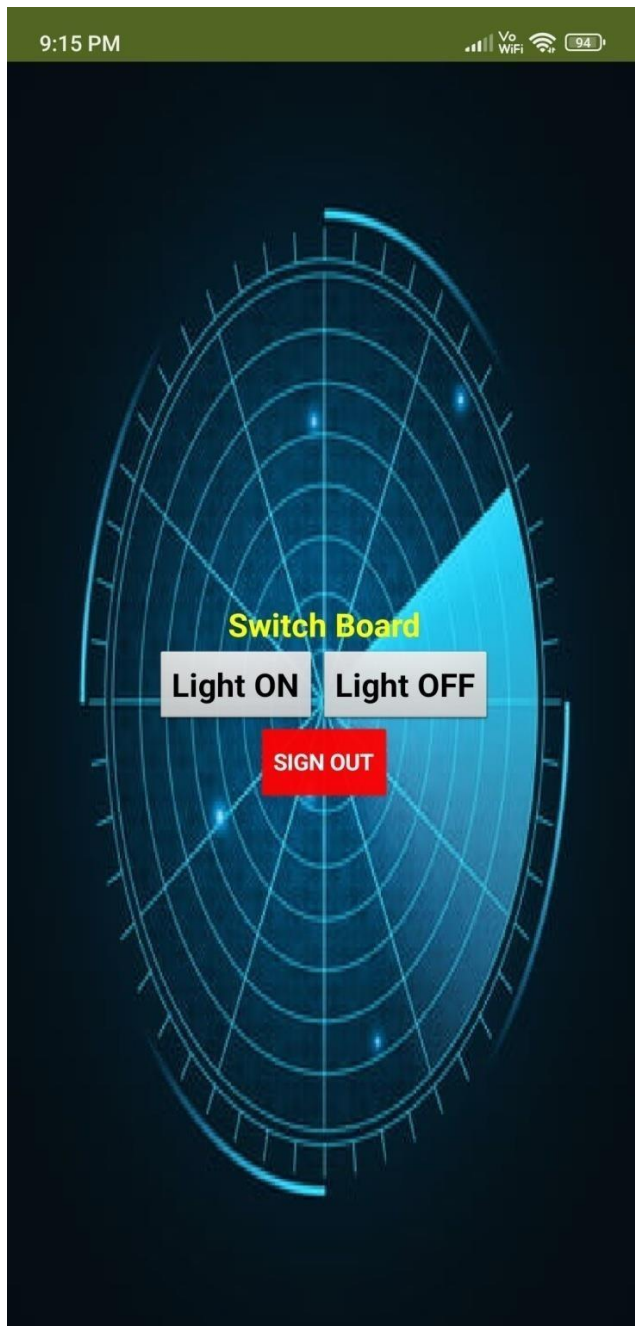
HERE WE DISPLAYED SCREEN 1 & SCREEN 2 PAGES OF OUR
CREATED APPLICATION



HERE WE DISPLAYED SCREEN 3 & SCREEN 4 OF OUR CREATED APPLICATION

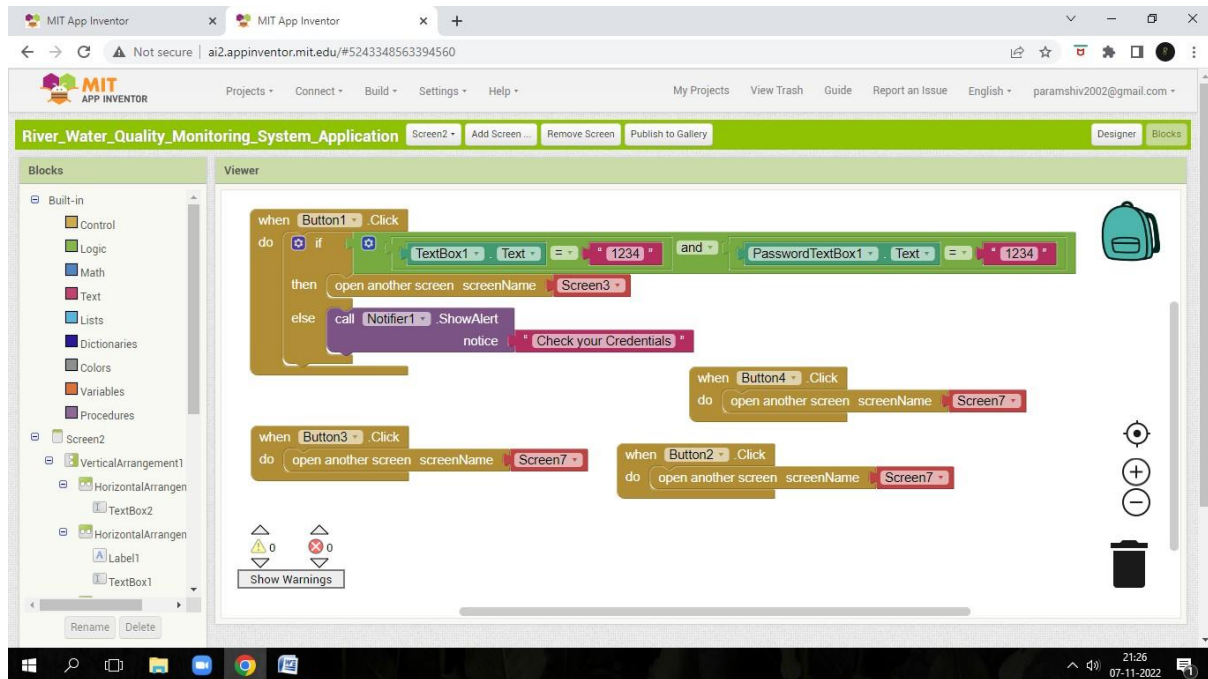
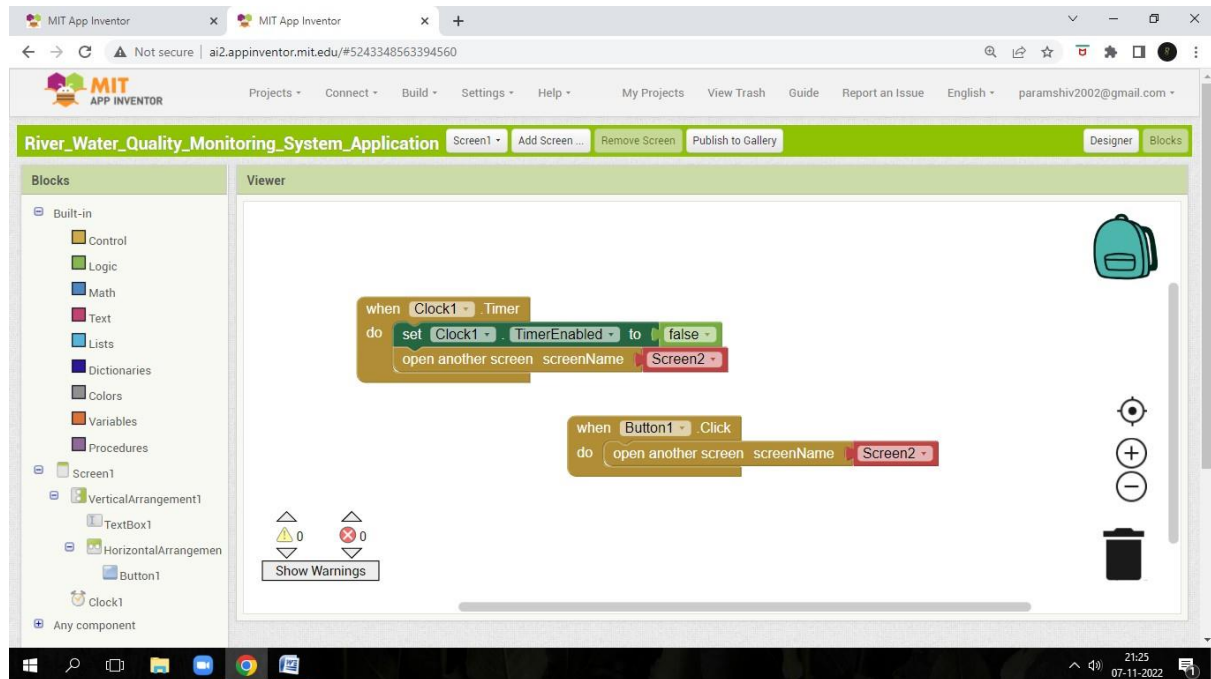


HERE WE DISPLAYED SCREEN 5 & SCREEN 6 OF OUR CREATED APPLICATION

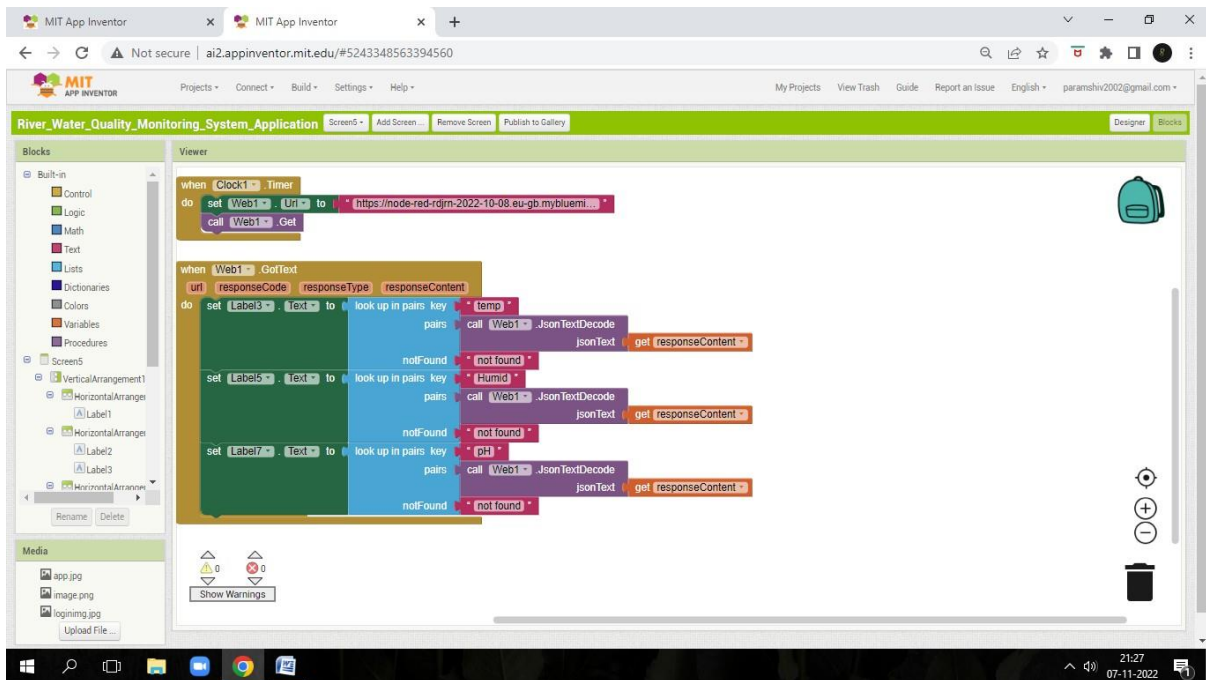
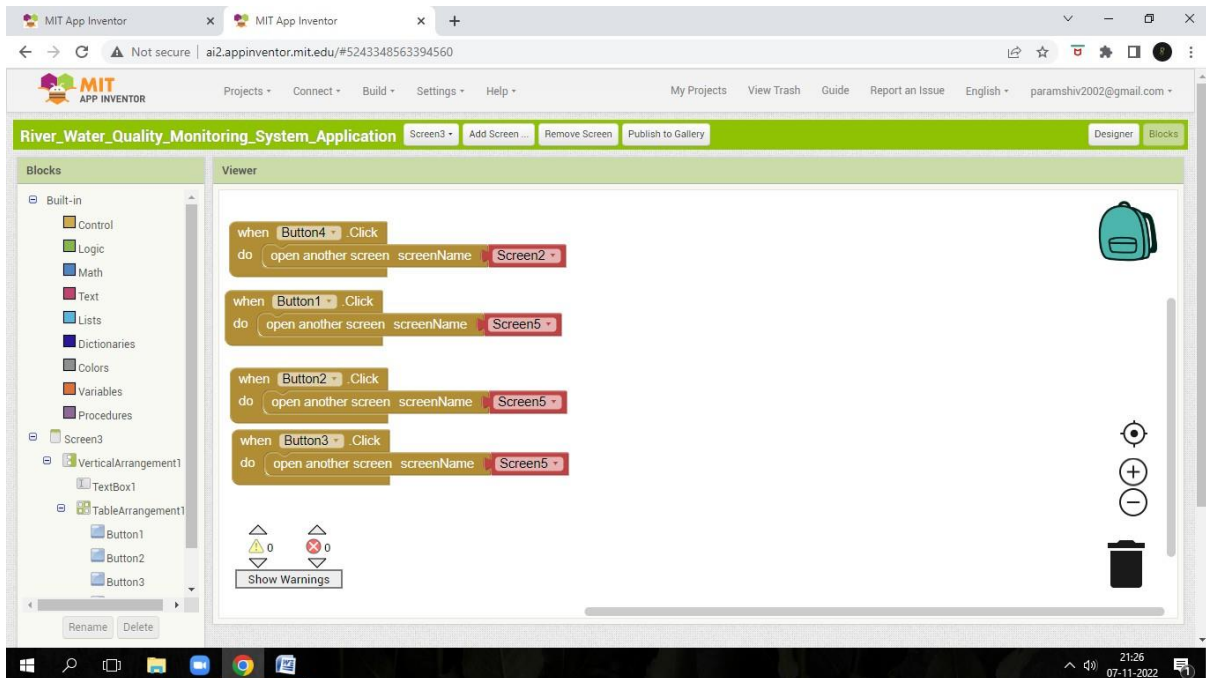


BLOCKS FUNCTIONS USED IN OUR APPLICATION

SCREEN 1 & SCREEN 2



SCREEN 3 & SCREEN 4



SCREEN 5 & SCREEN 6

