

## PROJECT DEVELOPMENT PHASE

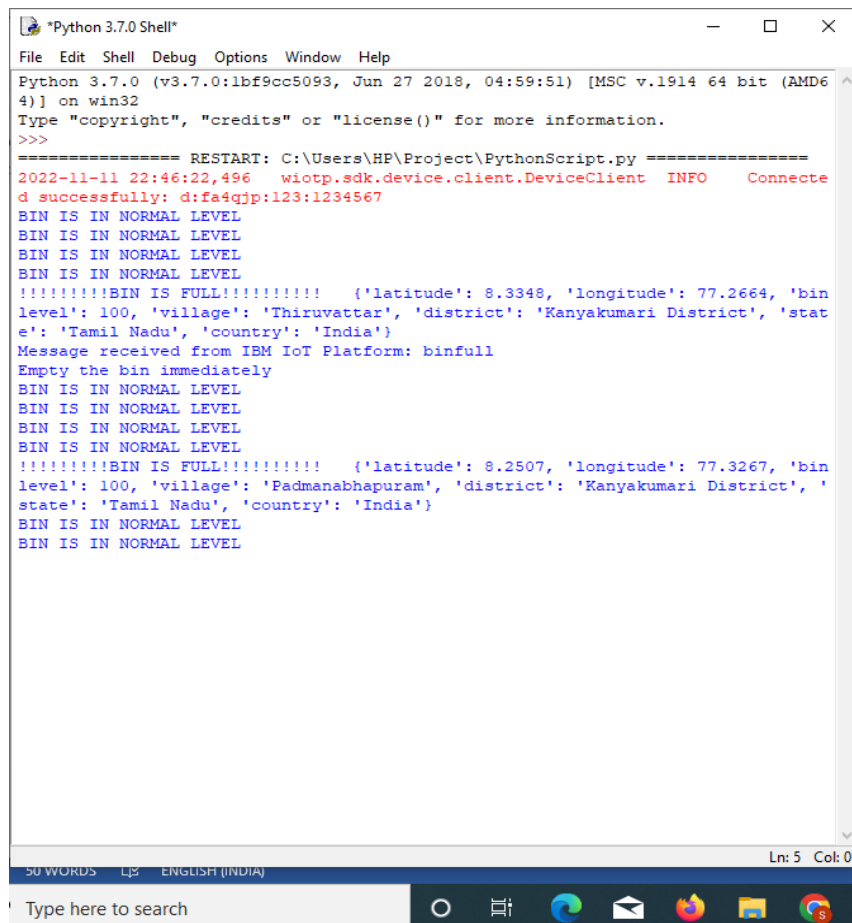
### PROJECT DEVELOPMENT DELIVERY OF SPRINT 4

Date	11-11-2022
Team ID	PNT2022TMID34548
Project Name	Smart Waste Management System For Metropolitan Cities

### 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:

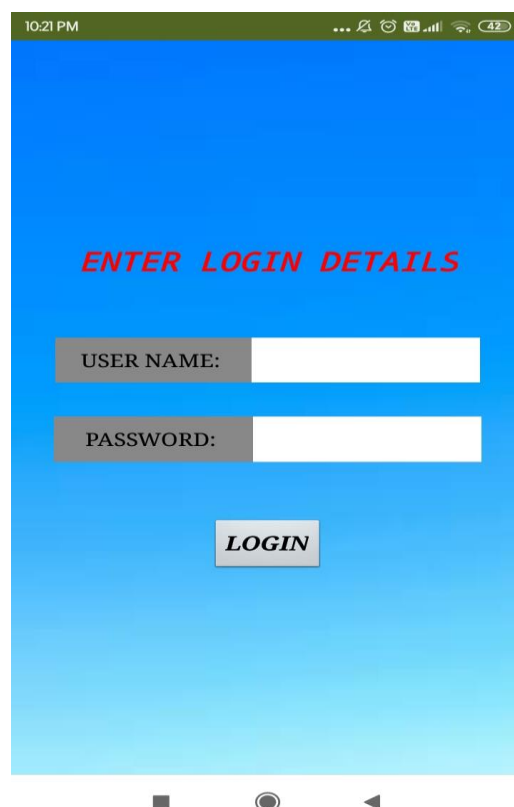


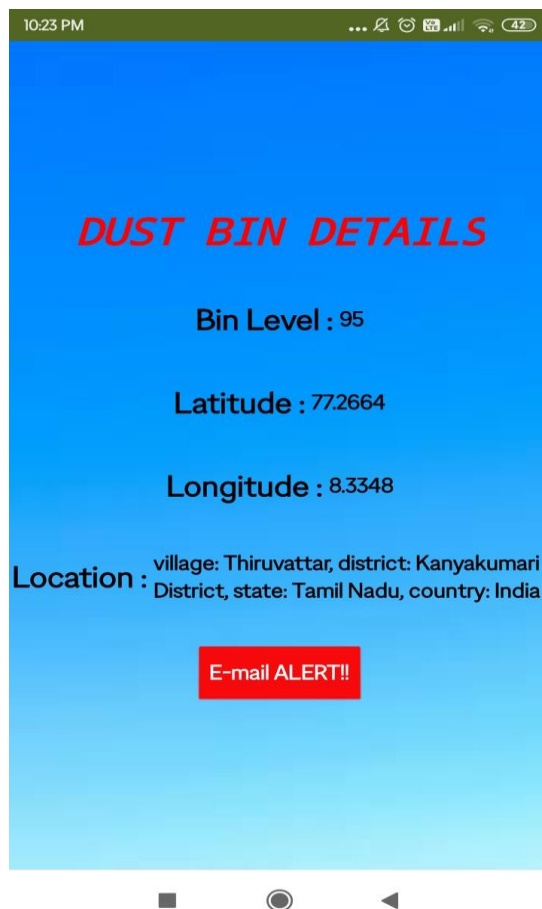
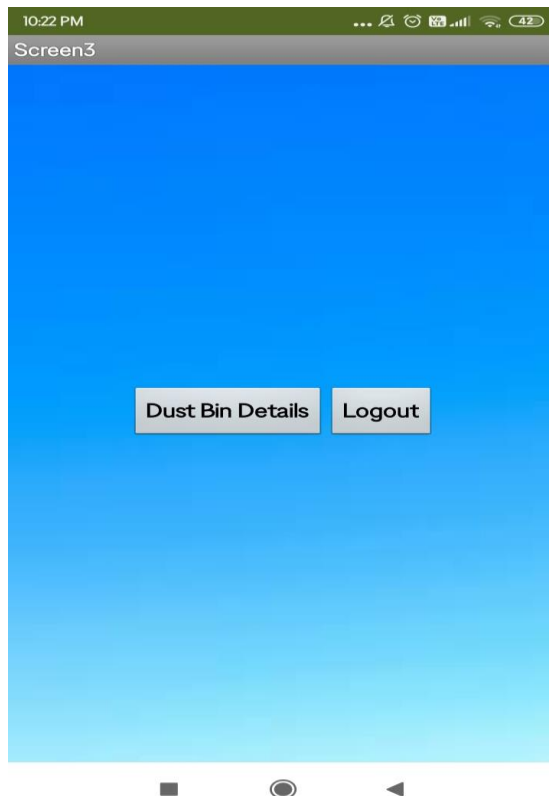
```
Python 3.7.0 Shell
File Edit Shell Debug Options Window Help
Python 3.7.0 (v3.7.0:1bf9cc5093, Jun 27 2018, 04:59:51) [MSC v.1914 64 bit (AMD64)] on win32
Type "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: C:\Users\HP\Project\PythonScript.py =====
2022-11-11 22:46:22,496 wiotp.sdk.device.client.DeviceClient INFO Connecte
d successfully: d:fa4qjp:123:1234567
BIN IS IN NORMAL LEVEL
BIN IS IN NORMAL LEVEL
BIN IS IN NORMAL LEVEL
BIN IS IN NORMAL LEVEL
BIN IS IN NORMAL LEVEL
!!!!!!!BIN IS FULL!!!!!!! ('latitude': 8.3348, 'longitude': 77.2664, 'bin
level': 100, 'village': 'Thiruvattar', 'district': 'Kanyakumari District', 'stat
e': 'Tamil Nadu', 'country': 'India')
Message received from IBM IoT Platform: binfull
Empty the bin immediately
BIN IS IN NORMAL LEVEL
BIN IS IN NORMAL LEVEL
BIN IS IN NORMAL LEVEL
BIN IS IN NORMAL LEVEL
BIN IS IN NORMAL LEVEL
!!!!!!!BIN IS FULL!!!!!!! ('latitude': 8.2507, 'longitude': 77.3267, 'bin
level': 100, 'village': 'Padmanabhapuram', 'district': 'Kanyakumari District', '
state': 'Tamil Nadu', 'country': 'India')
BIN IS IN NORMAL LEVEL
BIN IS IN NORMAL LEVEL
```

We have successfully developed the python code and executed it. The code runs with the bin value with latitude, longitude, location whenever the bin value is beyond the maximum also displayed in the IBM IOT Platform to NODE-RED and Web UI and Mobile App.

## APPLICATION SCREENS:

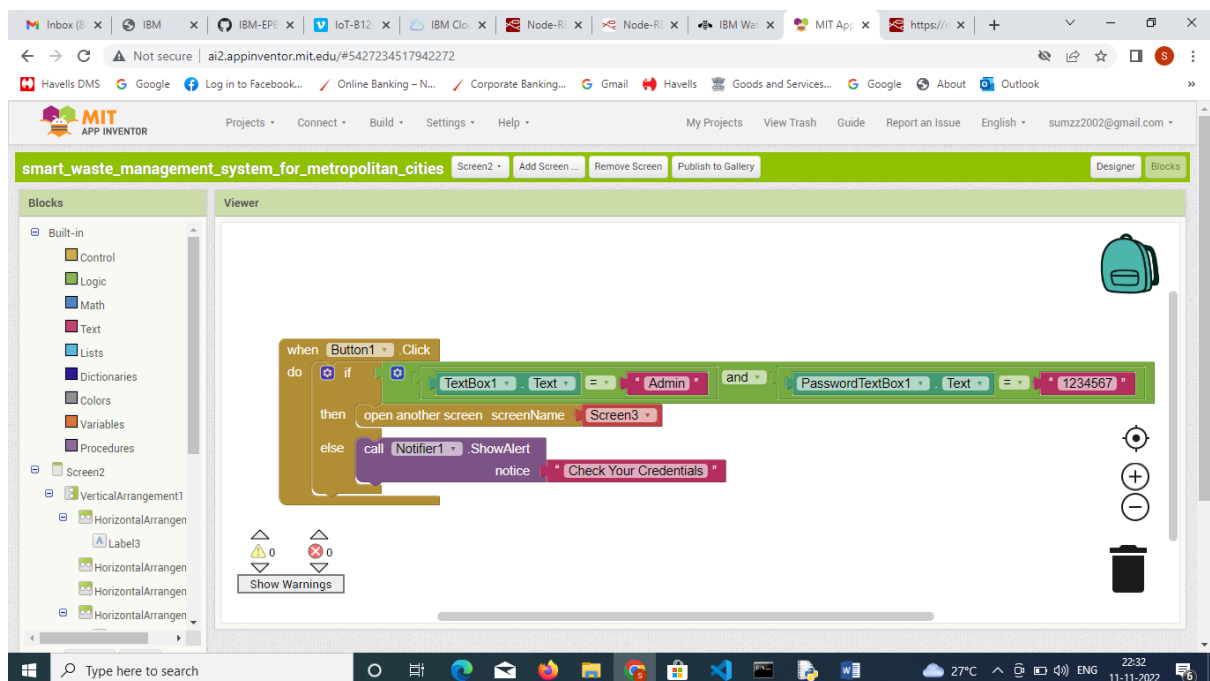
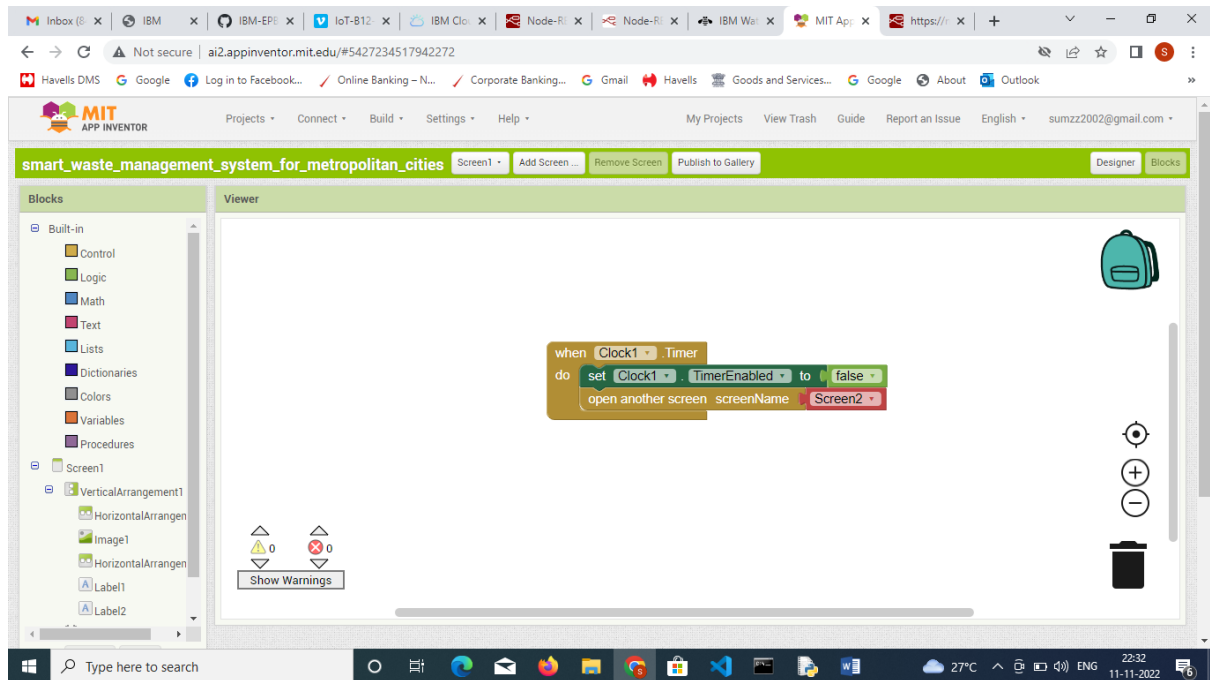
HERE WE DISPLAYED SCREEN 1,2,3,4 PAGES OF OUR CREATED APPLICATION

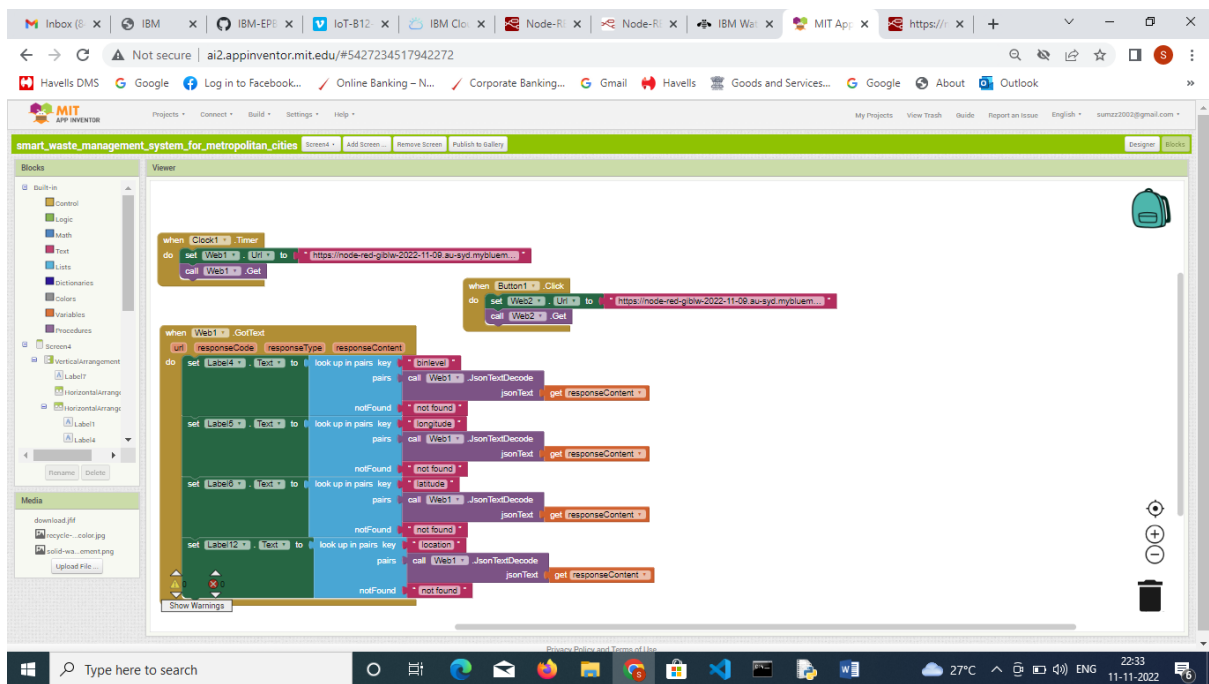
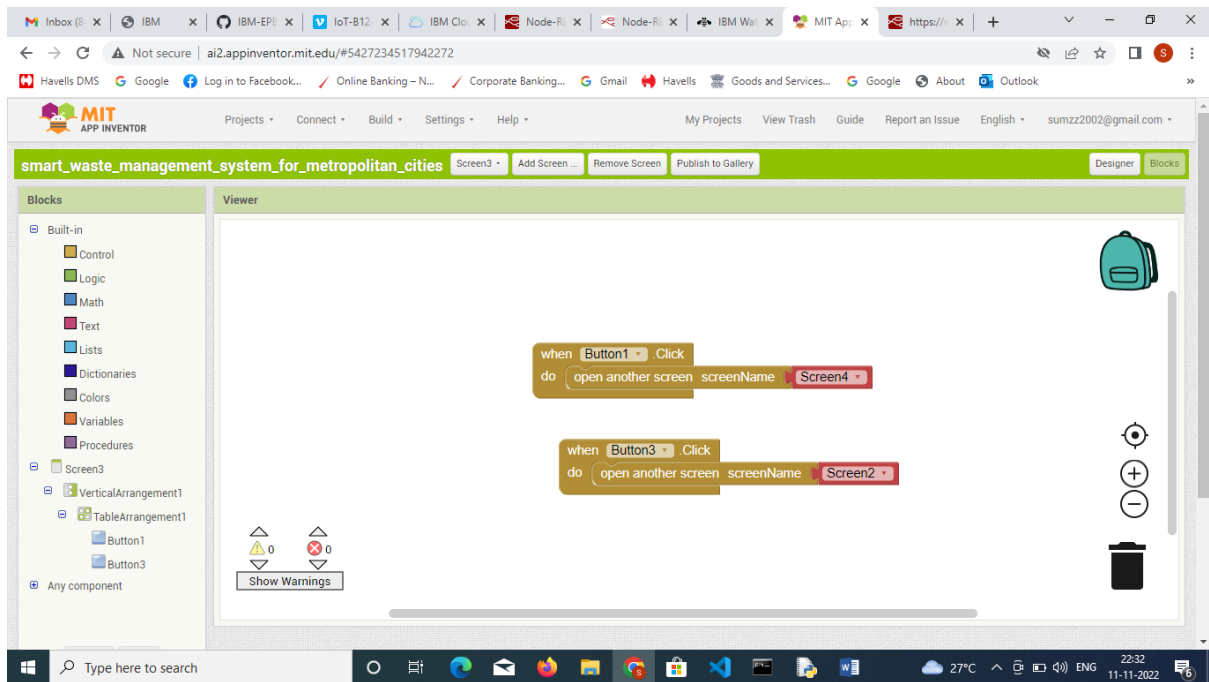




## BLOCKS FUNCTIONS USED IN OUR APPLICATION:

For Screen 1, 2, 3, 4 :





THANK YOU