

DEVELOP A MOBILE APPLICATION

Date	16 th NOVEMBER 2022
Team ID	PNT2022TMID34110
Project name	SmartFarmer- IoT Enabled Smart Farming Application

Publishing values to IBM Watson Platform:

IBM Watson IoT Platform

Device ID: no01deviceID, Status: Disconnected, Device Type: no01devicetype, Class ID: Device, Date Added: 31 Oct 2022 14:34

Recent Events

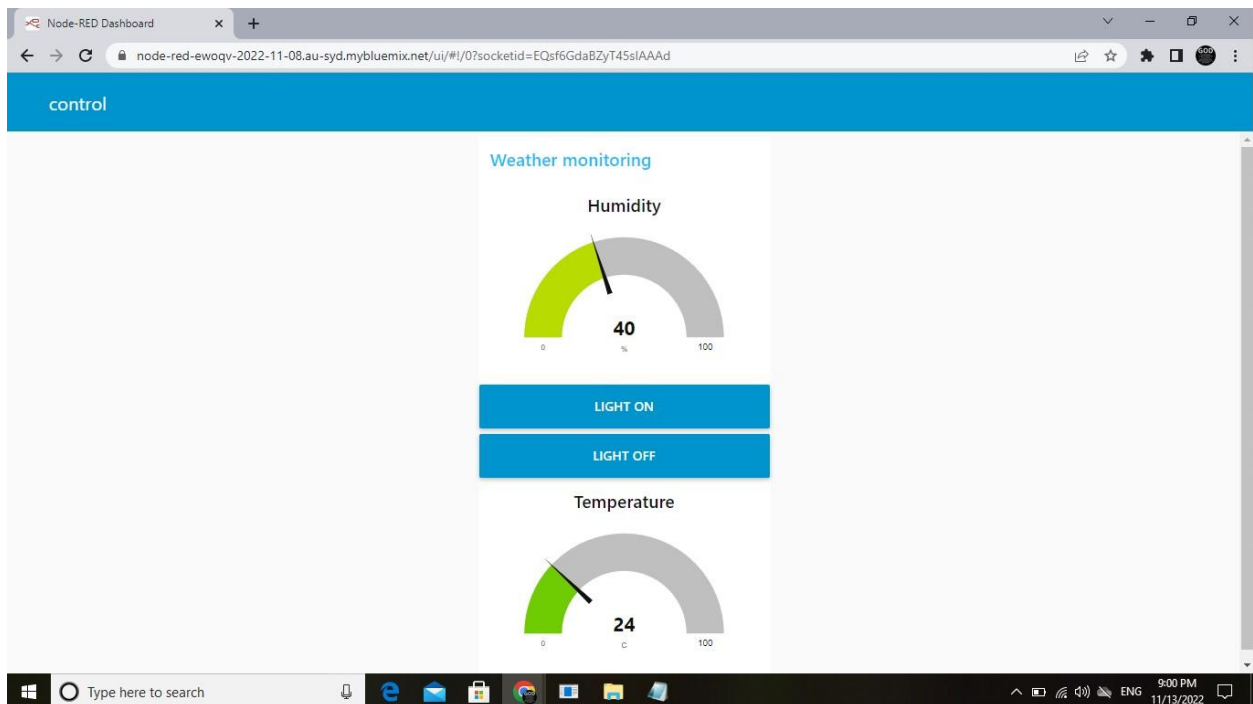
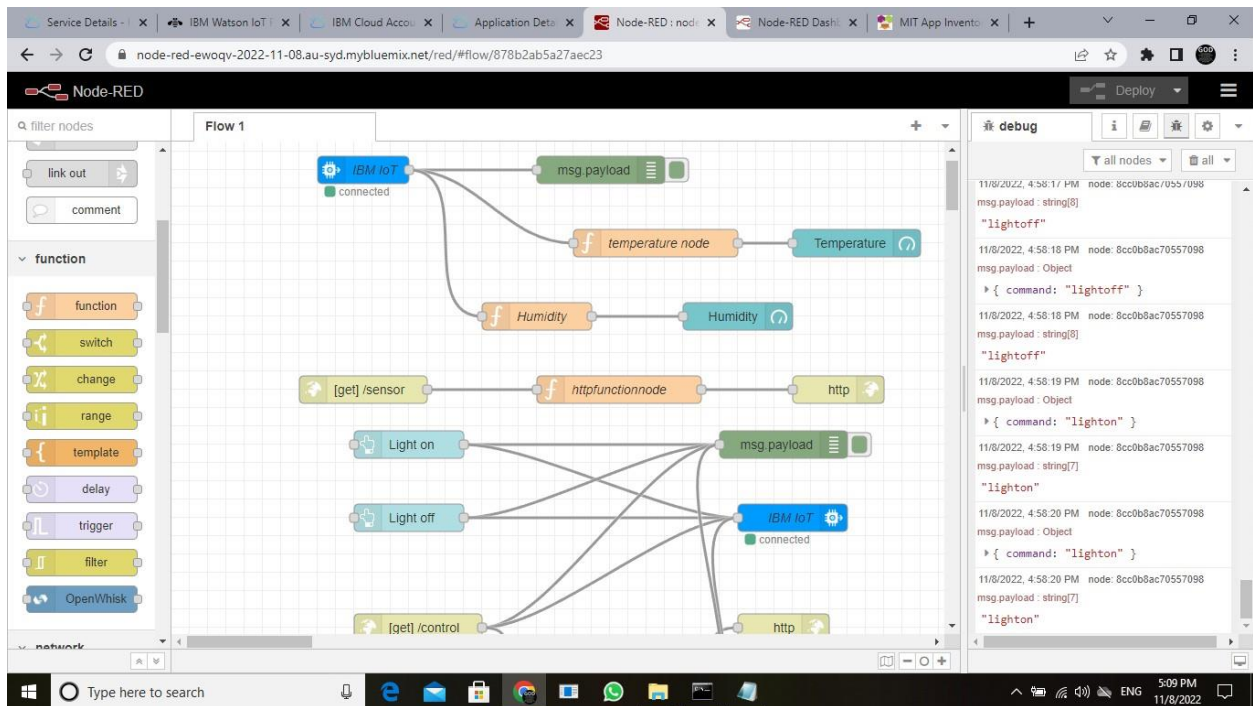
Event	Value	Format	Last Received
event_1	["Temperature":52,"Humidity":85]	json	a few seconds ago
event_1	["Temperature":95,"Humidity":57]	json	a few seconds ago
event_1	["Temperature":48,"Humidity":22]	json	a few seconds ago
event_1	["Temperature":10,"Humidity":34]	json	a few seconds ago
event_1	["Temperature":6,"Humidity":98]	json	a few seconds ago

1 Simulation running

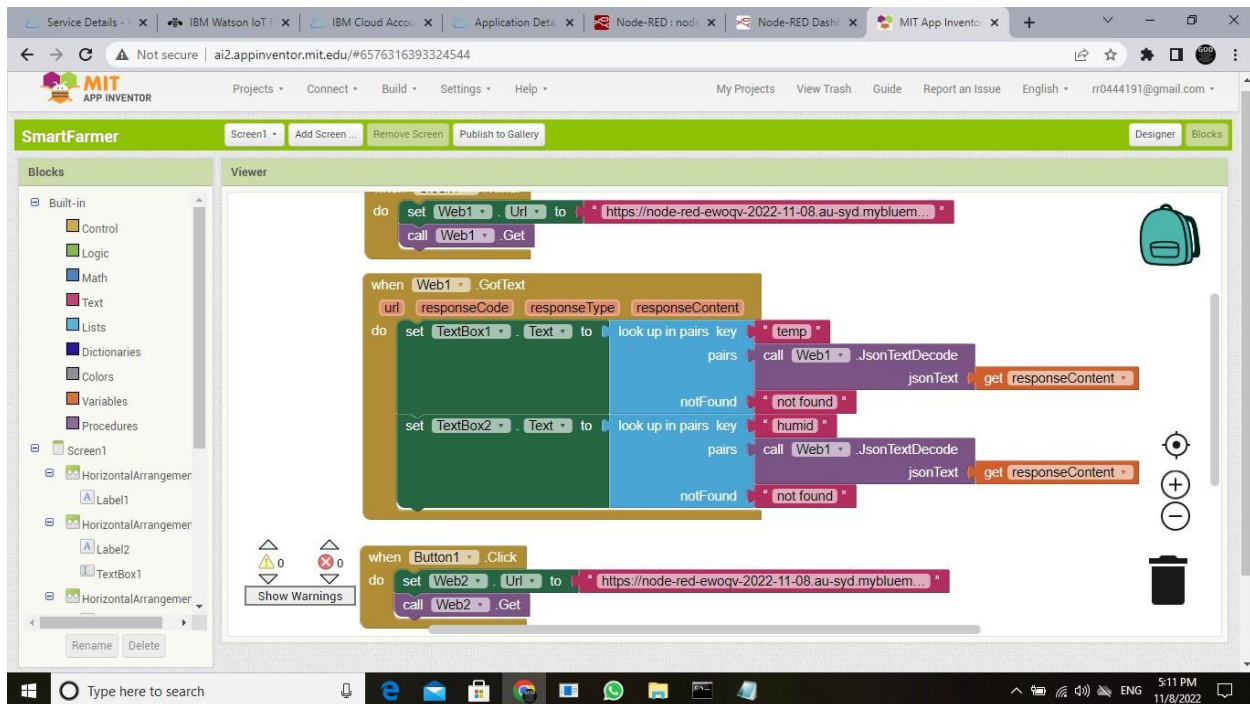
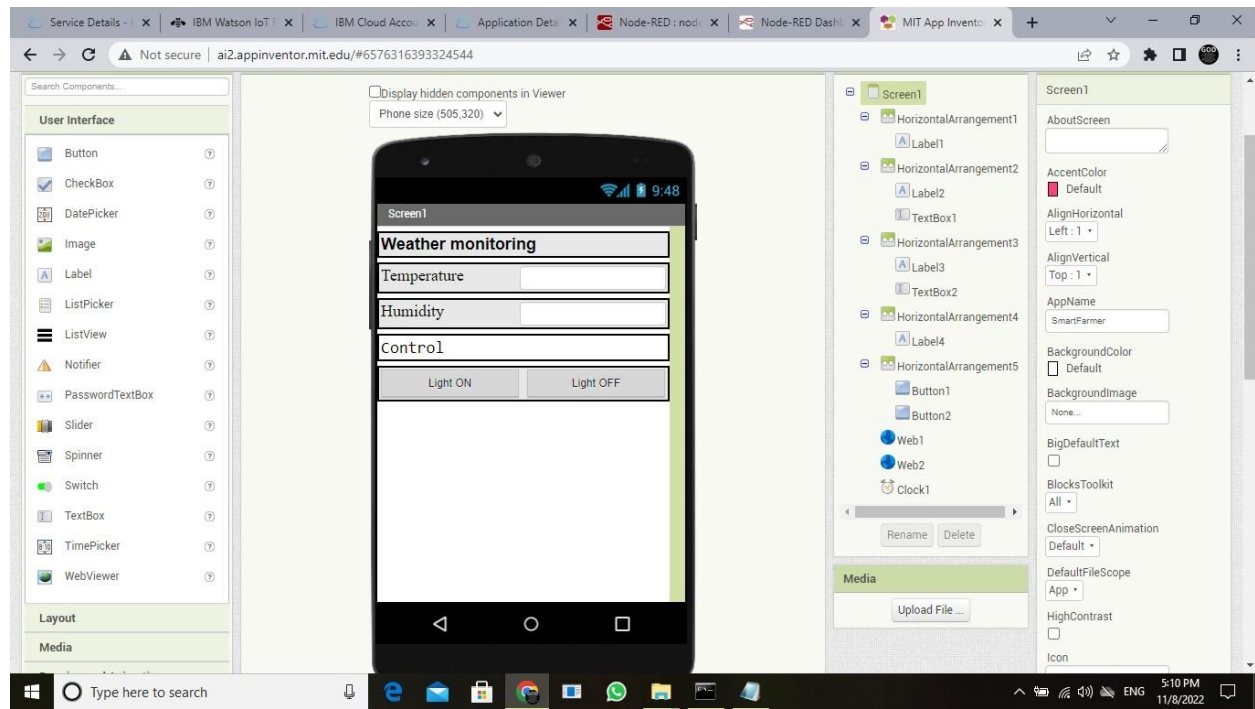
Integrating with Python:

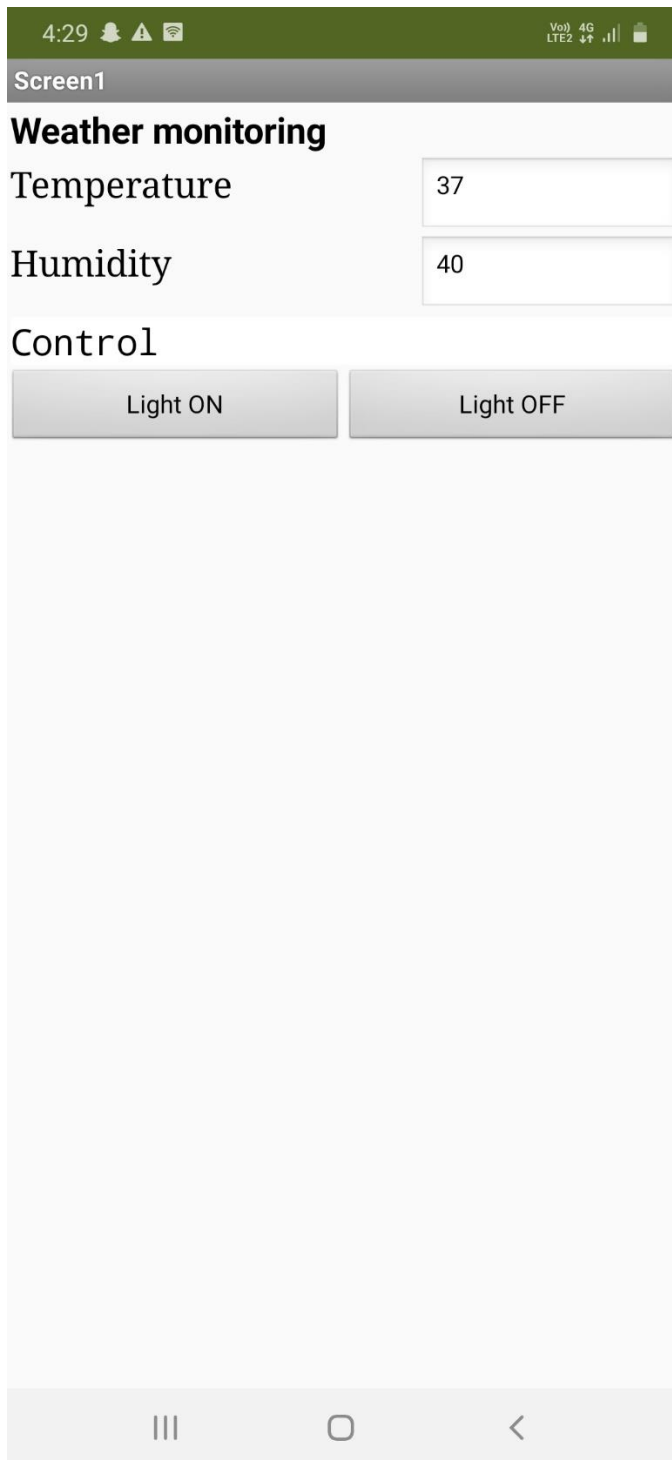
```
Python 3.7.0 Shell
File Edit Shell Debug Options Window Help
Type "copyright", "credits" or "license()" for more information.
>>>
RESTART: C:\Users\arshi\AppData\Local\Programs\Python\Python37-32\ibmiotpubsub_code.py
2022-11-12 22:17:13,324 ibmiotf.device.Client INFO Connected successfully: d:6pjvs7:Arshidevicetype:Arshideviceid
Published Temperature = 82 C Humidity = 95 % to IBM Watson
Published Temperature = 92 C Humidity = 4 % to IBM Watson
Published Temperature = 2 C Humidity = 45 % to IBM Watson
Published Temperature = 11 C Humidity = 43 % to IBM Watson
Published Temperature = 90 C Humidity = 7 % to IBM Watson
Published Temperature = 97 C Humidity = 33 % to IBM Watson
Published Temperature = 36 C Humidity = 7 % to IBM Watson
Published Temperature = 88 C Humidity = 36 % to IBM Watson
Published Temperature = 16 C Humidity = 85 % to IBM Watson
Published Temperature = 69 C Humidity = 4 % to IBM Watson
Published Temperature = 17 C Humidity = 94 % to IBM Watson
Published Temperature = 6 C Humidity = 32 % to IBM Watson
Published Temperature = 26 C Humidity = 64 % to IBM Watson
Published Temperature = 59 C Humidity = 47 % to IBM Watson
Published Temperature = 36 C Humidity = 0 % to IBM Watson
Published Temperature = 4 C Humidity = 11 % to IBM Watson
Published Temperature = 50 C Humidity = 64 % to IBM Watson
Published Temperature = 16 C Humidity = 86 % to IBM Watson
Published Temperature = 76 C Humidity = 38 % to IBM Watson
Published Temperature = 2 C Humidity = 29 % to IBM Watson
Published Temperature = 14 C Humidity = 33 % to IBM Watson
Published Temperature = 46 C Humidity = 64 % to IBM Watson
Published Temperature = 10 C Humidity = 76 % to IBM Watson
Published Temperature = 4 C Humidity = 57 % to IBM Watson
Published Temperature = 5 C Humidity = 44 % to IBM Watson
Published Temperature = 83 C Humidity = 58 % to IBM Watson
Published Temperature = 45 C Humidity = 62 % to IBM Watson
Published Temperature = 79 C Humidity = 35 % to IBM Watson
Published Temperature = 90 C Humidity = 70 % to IBM Watson
Published Temperature = 46 C Humidity = 36 % to IBM Watson
Published Temperature = 53 C Humidity = 0 % to IBM Watson
Published Temperature = 51 C Humidity = 39 % to IBM Watson
Published Temperature = 85 C Humidity = 91 % to IBM Watson
Published Temperature = 91 C Humidity = 20 % to IBM Watson
Published Temperature = 24 C Humidity = 51 % to IBM Watson
Published Temperature = 60 C Humidity = 98 % to IBM Watson
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Establishing Node-RED connection:



Developing application in MIT app inventor:





Thus, the mobile application is created successfully.