

## SPRINT-4

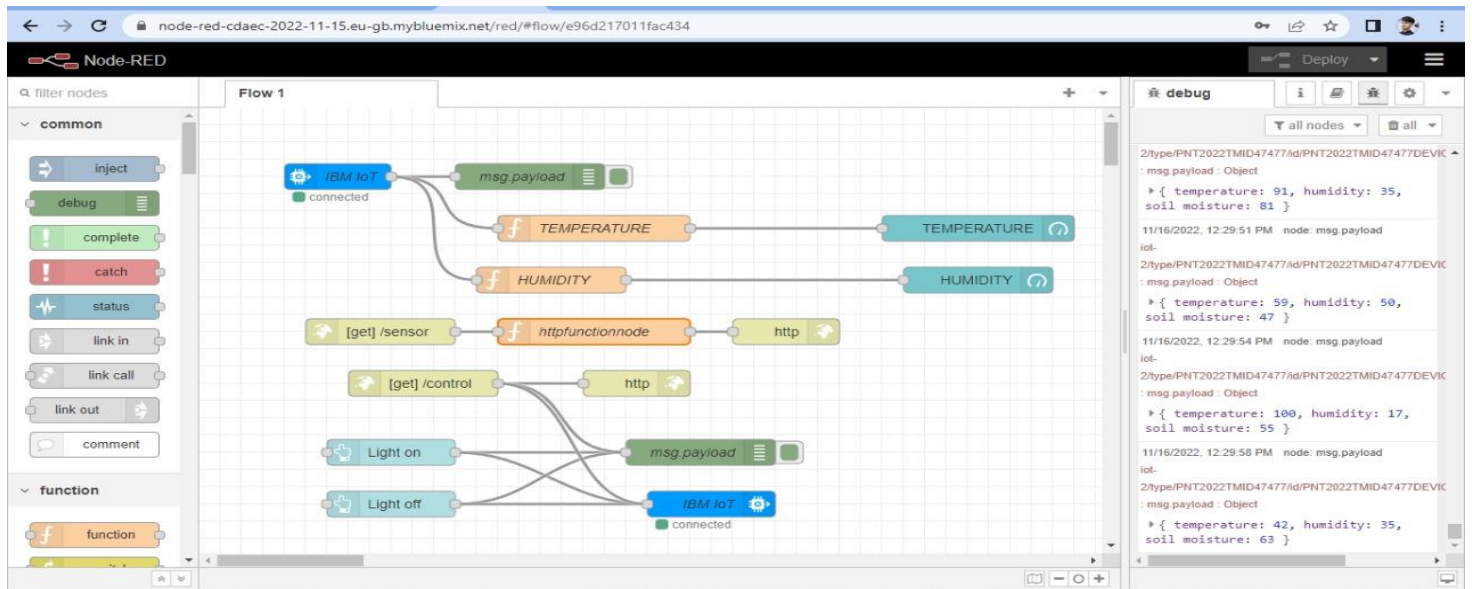
DATE	16 NOVEMBER 2022
TEAM ID	PNT2022TMID41544
PROJECT NAME	IOT BASED SMART CROP PROTECTION SYSTEM FOR AGRICULTURE
MAXIMUM MARKS	20 MARKS

### NODE RED LINKS:

<https://node-red-cdaec-2022-11-15.eu-gb.mybluemix.net/sensor>

<https://node-red-cdaec-2022-11-15.eu-gb.mybluemix.net/control?command=lighton>

<https://node-red-cdaec-2022-11-15.eu-gb.mybluemix.net/control?command=lightoff>



MIT APP INVENTOR

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PNT2022TMID47477 Screen1 Add Screen... Remove Screen Publish to Gallery Designer Blocks

Blocks

- Built-in
  - Control
  - Logic
  - Math
  - Text
  - Lists
  - Dictionaries
  - Colors
  - Variables
  - Procedures
- Screen1
  - HorizontalArranger
    - Label1
  - HorizontalArranger
    - Label2
  - HorizontalArranger
    - TextBox1
  - HorizontalArranger

Viewer

when Clock1.Timer

do

- set Web1.Url to "https://node-red-cdaec-2022-11-15.eu-gb.mybluemix..."
- call Web1.Get

when Web1.GoToText

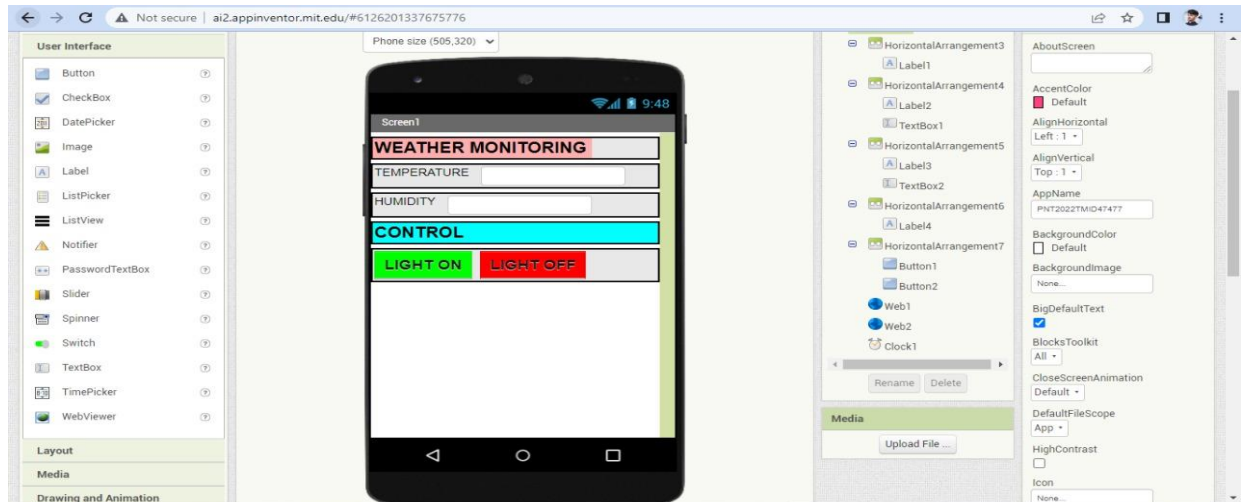
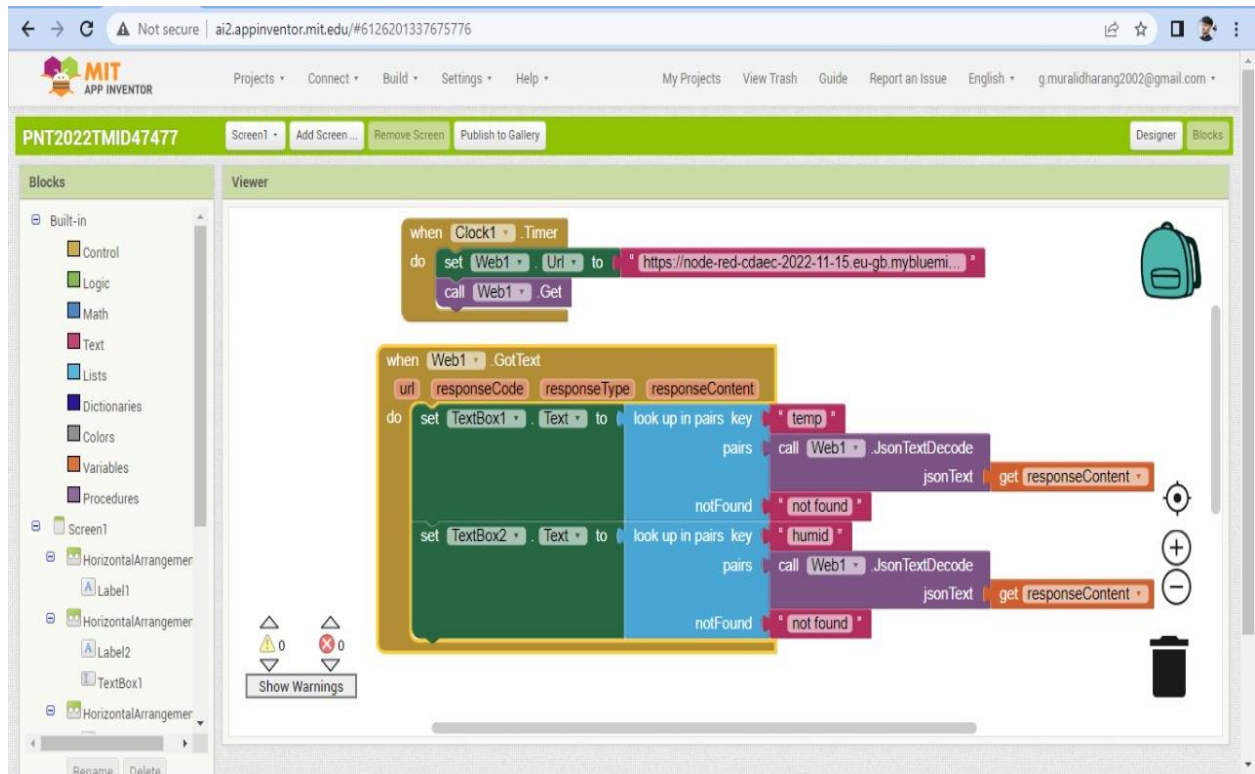
url responseCode responseType responseContent

do

- set TextBox1.Text to look up in pairs key "temp"
- call Web1.JsonTextDecode jsonText get responseContent
- notFound "not found"
- set TextBox2.Text to look up in pairs key "humid"
- call Web1.JsonTextDecode jsonText get responseContent
- notFound "not found"

Show Warnings

0 0



12:28 PM



Screen1

## WEATHER MONITORING

TEMPERATURE

86

HUMIDITY

42

## CONTROL

LIGHT ON

LIGHT OFF