SPRINT DELIVERY – III

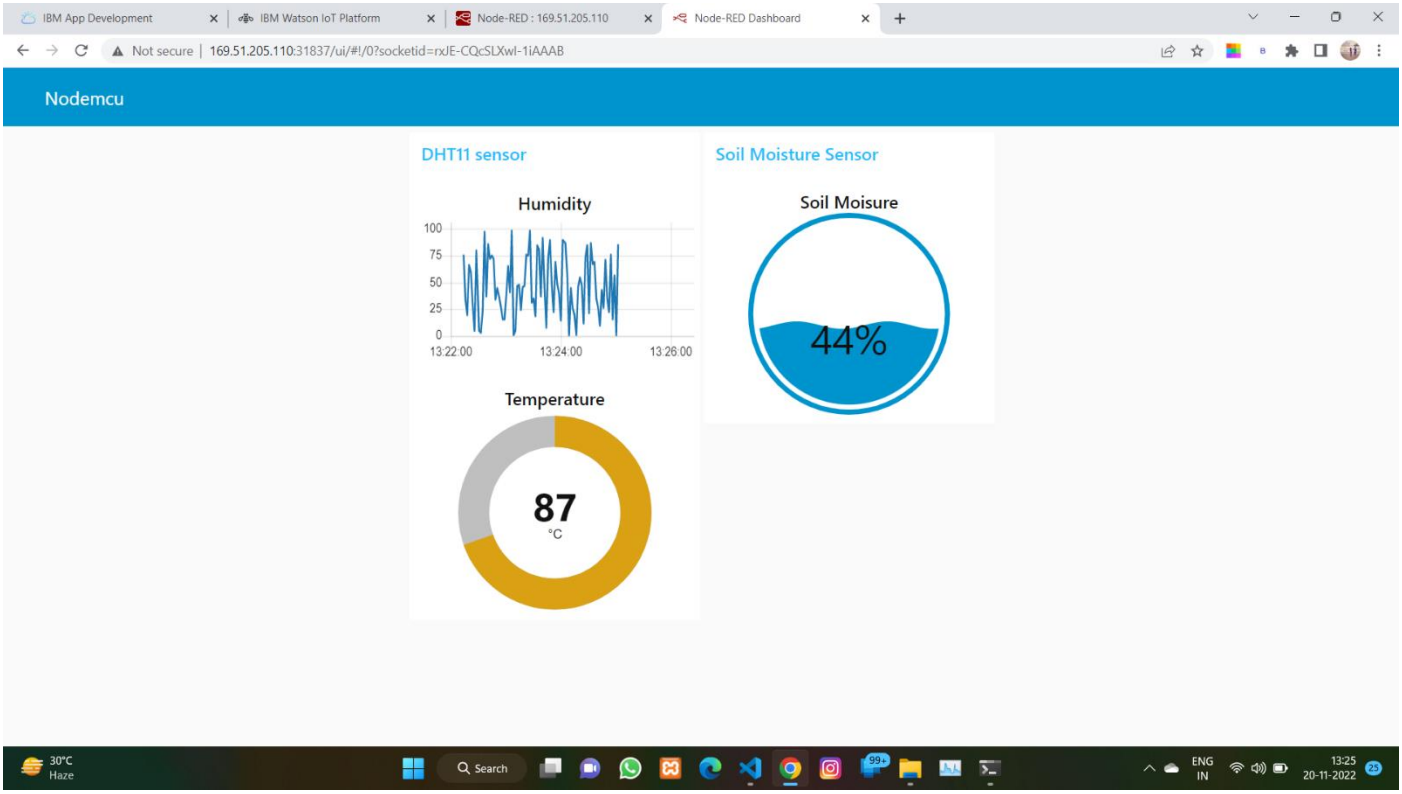
Project Name: SmartFarmer-Iot Enabled SmartFarming Application.

Team ID: PNT2022TMID32489

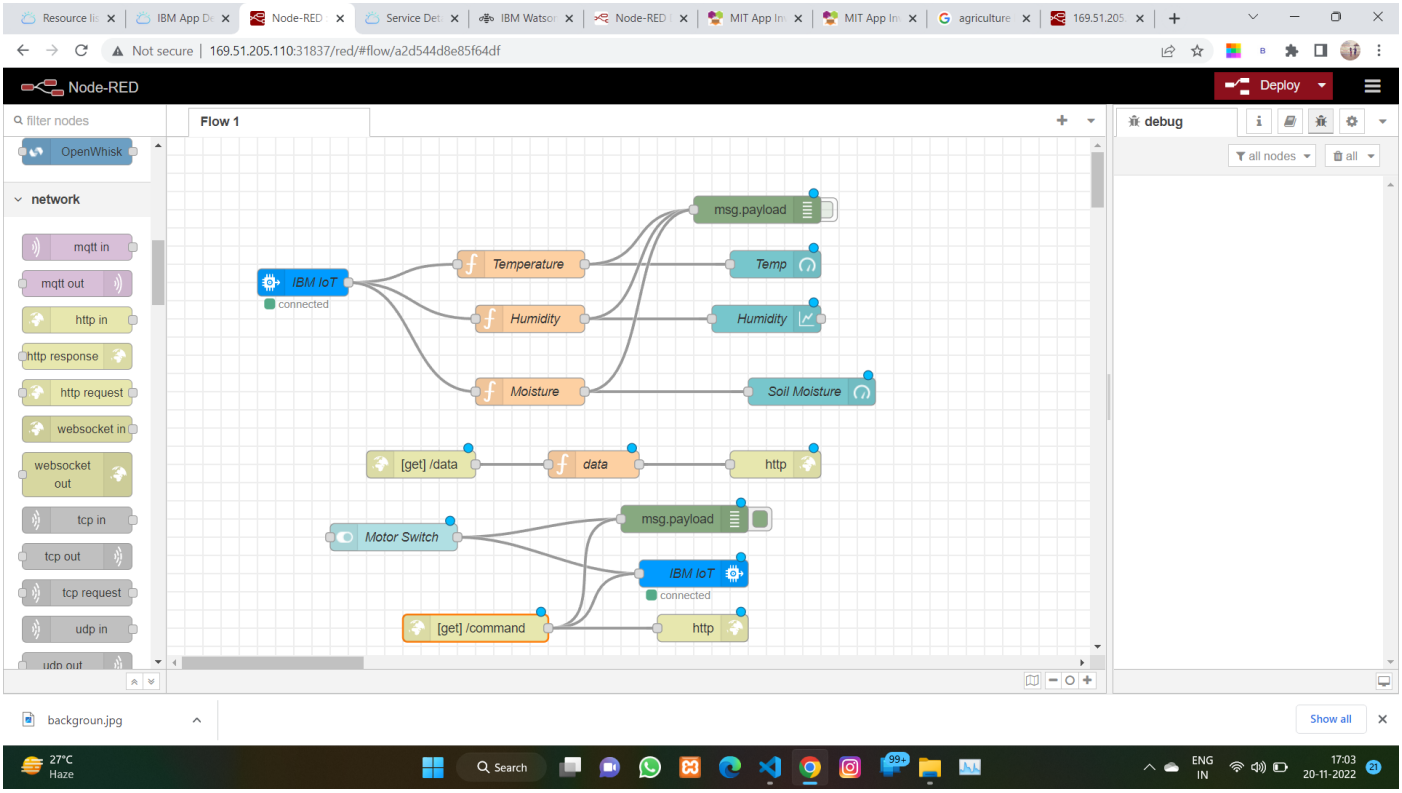
Build A Web Application Using Node-RED Service

- ✓ Node-Red Contains /Data and /Command Requests
- ✓ /Data command is used to access the MIT App Inventor
- ✓ /Command is used to send and receive the Motor Control response and request(on/off)
- ✓ Every one second the parameter is update
- ✓ App inventor contains blocks, with these help of these blocks we can build our application

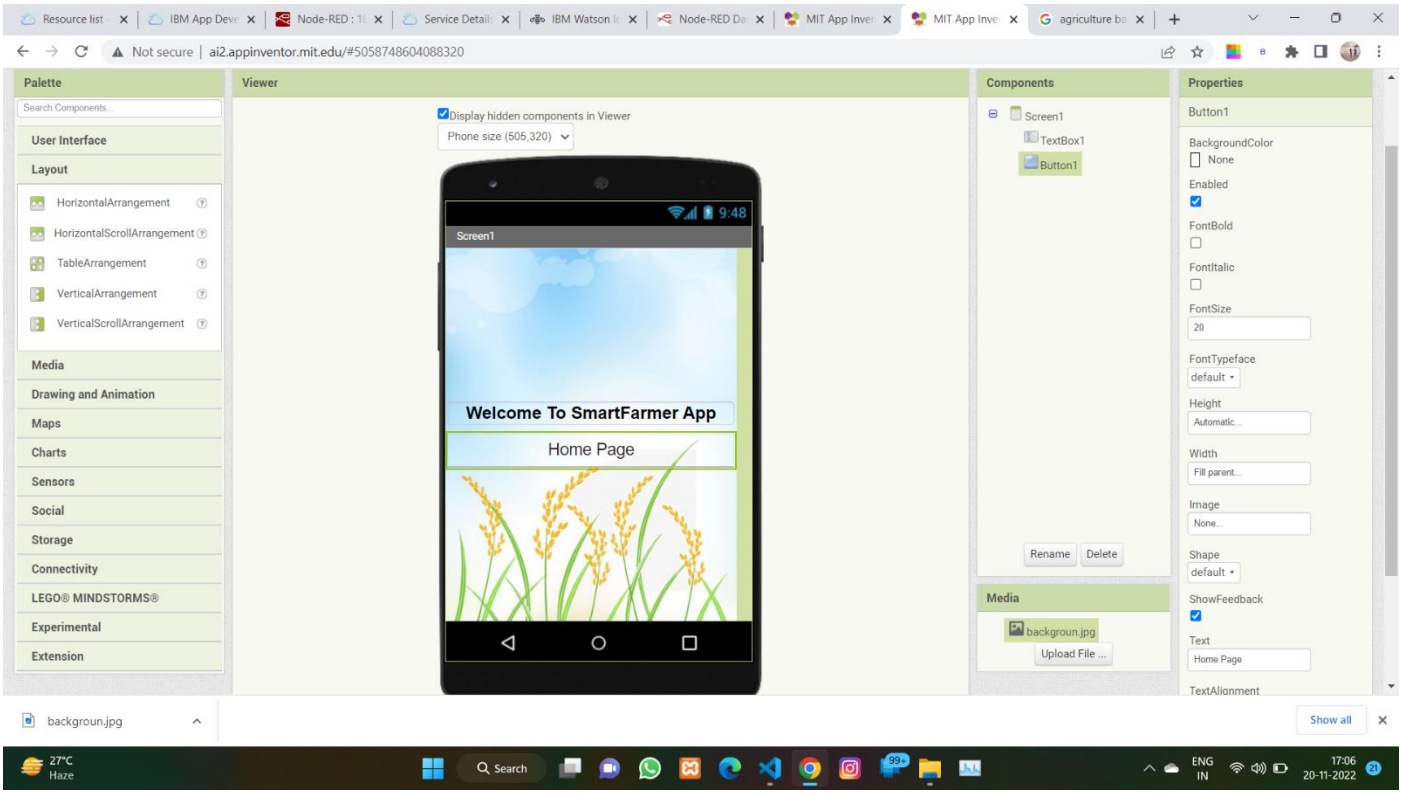
Node-Red UI



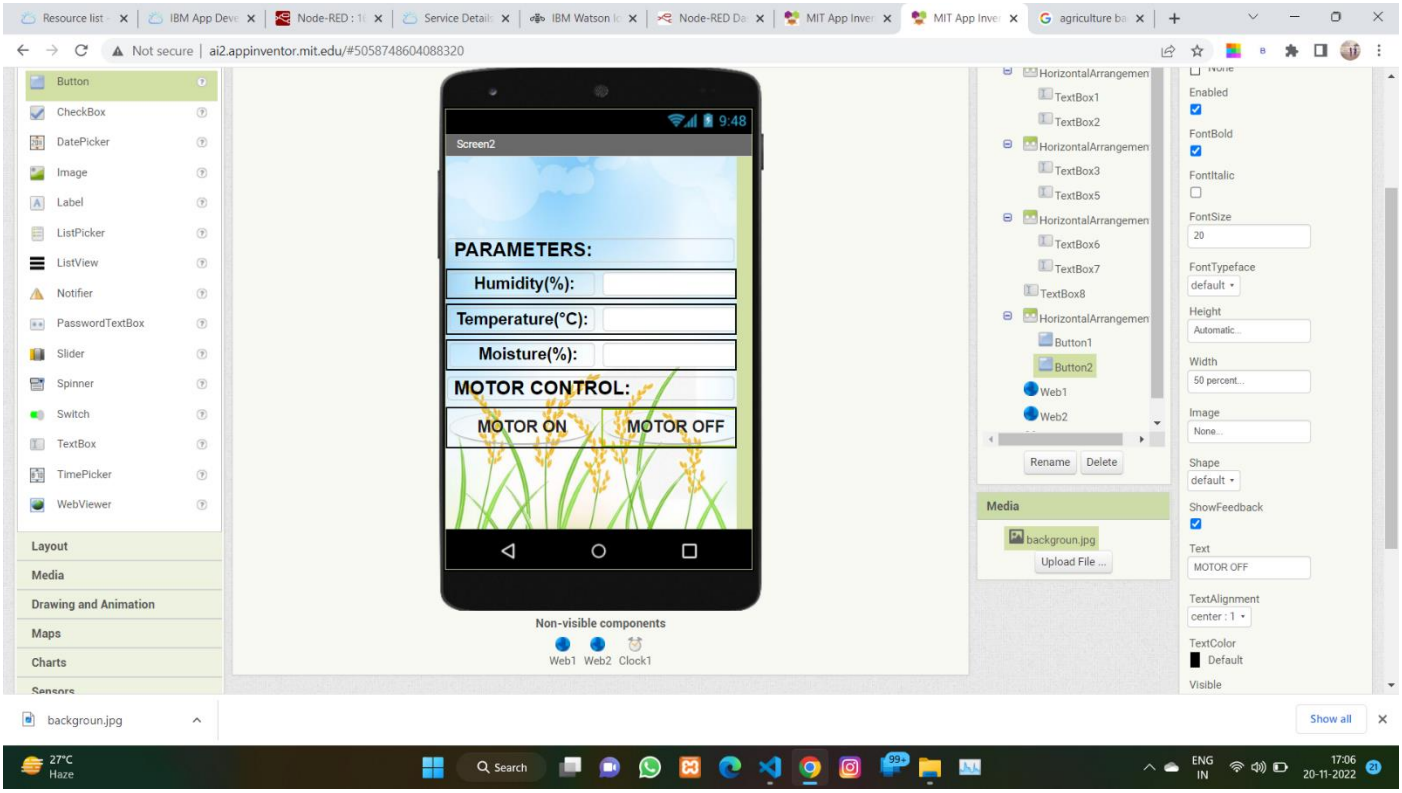
Configurations:



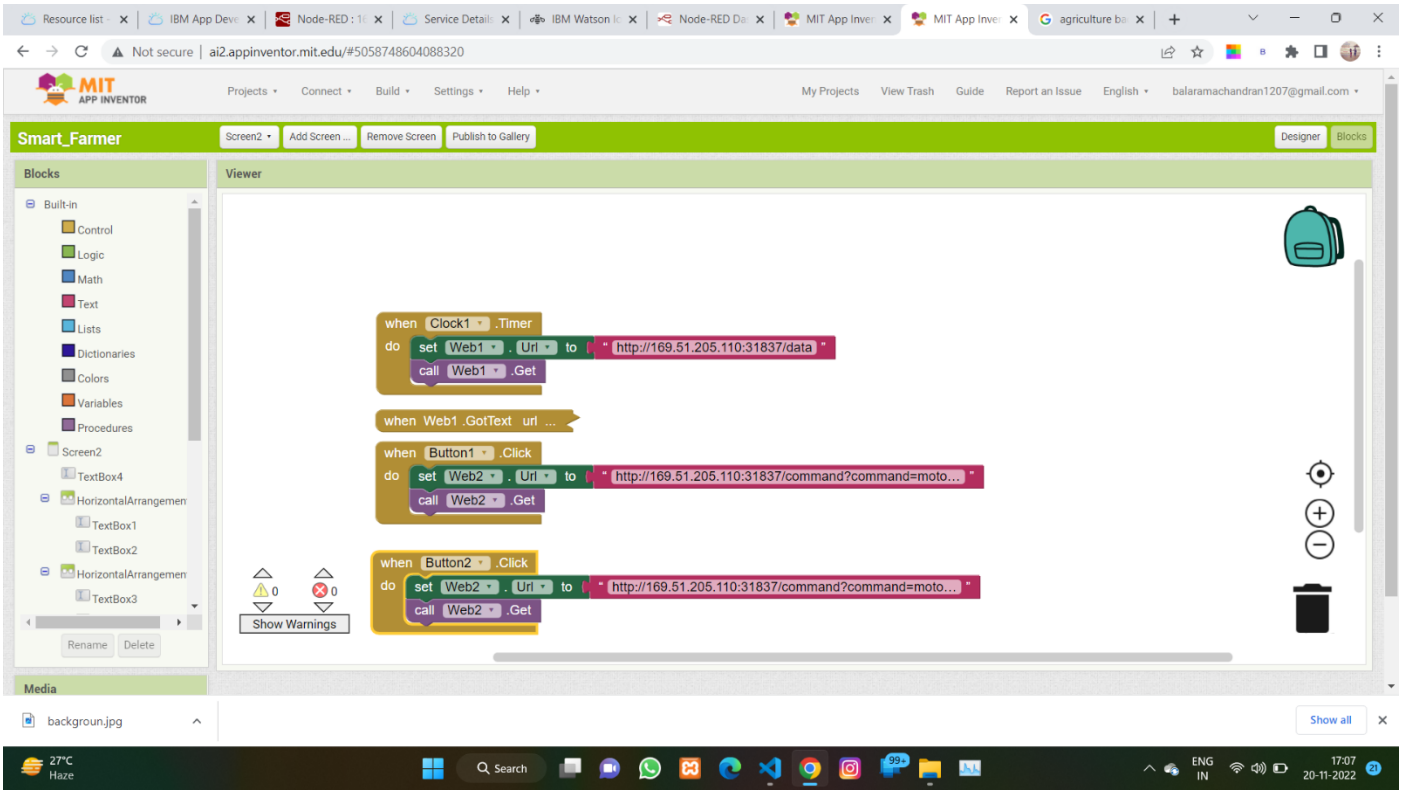
MIT App Inventor Home Page

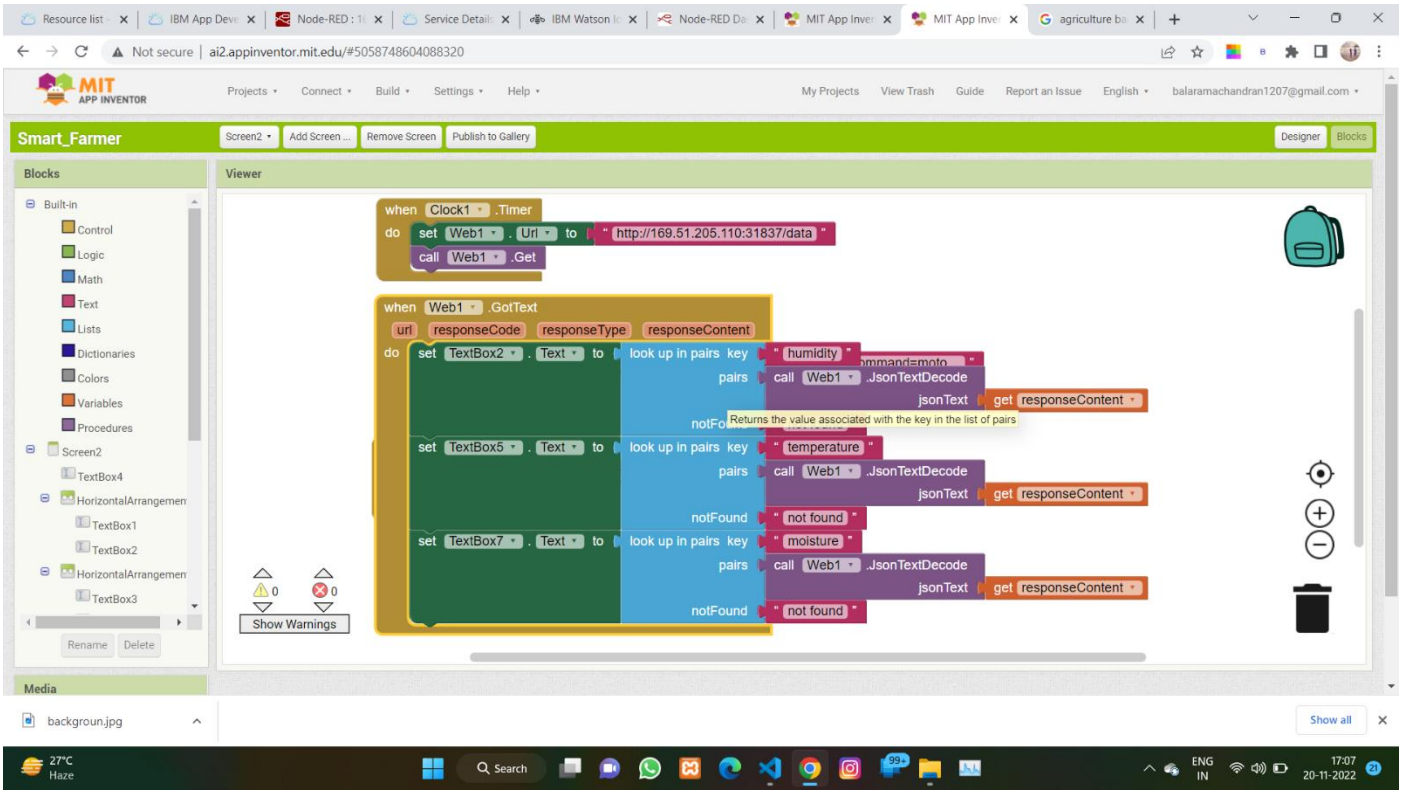


MIT App Inventor Dashboard



App Configuration




Not secure | ai2.appinventor.mit.edu/#5058748604088320
MIT APP INVENTOR
Projects
Connect
Build
Settings
Help
My Projects
View Trash
Guide
Report an Issue
English
balaramachandran1207@gmail.com
Smart_Farmer
Screen2
Add Screen ...
Remove Screen
Publish to Gallery
Designer
Blocks
Blocks
Built-in
Control
Logic
Math
Text
Lists
Dictionaries
Colors
Variables
Procedures
Screen2
TextBox4
HorizontalArrangemen
TextBox1
TextBox2
HorizontalArrangemen
TextBox3
Rename
Delete
Media
Viewer
when Clock1 .Timer
do set Web1 . Url to " http://169.51.205.110:31837/data "
call Web1 .Get
when Web1 .GotText
url responseCode responseType responseContent
do set TextBox2 . Text to look up in pairs key " humidity "
pairs call Web1 .JsonTextDecode
jsonText get responseContent
notFound
Returns the value associated with the key in the list of pairs
set TextBox5 . Text to look up in pairs key " temperature "
pairs call Web1 .JsonTextDecode
jsonText get responseContent
notFound " not found "
set TextBox7 . Text to look up in pairs key " moisture "
pairs call Web1 .JsonTextDecode
jsonText get responseContent
notFound " not found "
0
0
Show Warnings
backgroun.jpg
Show all
27°C
Haze
Search
ENG
IN
17:07
20-11-2022