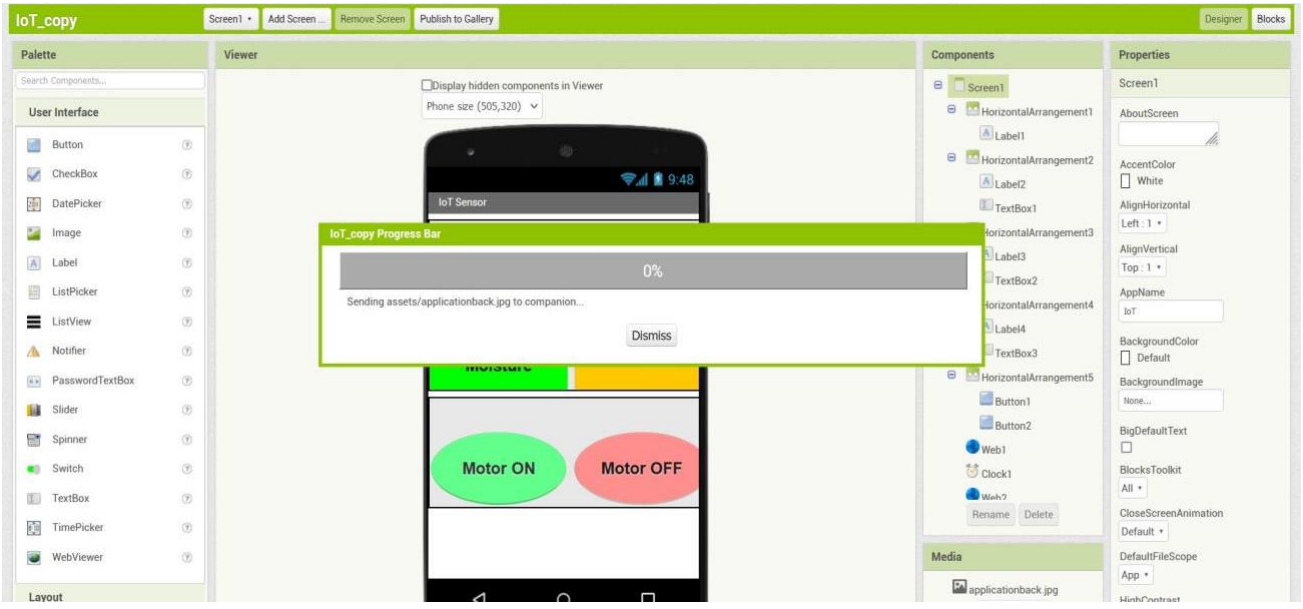
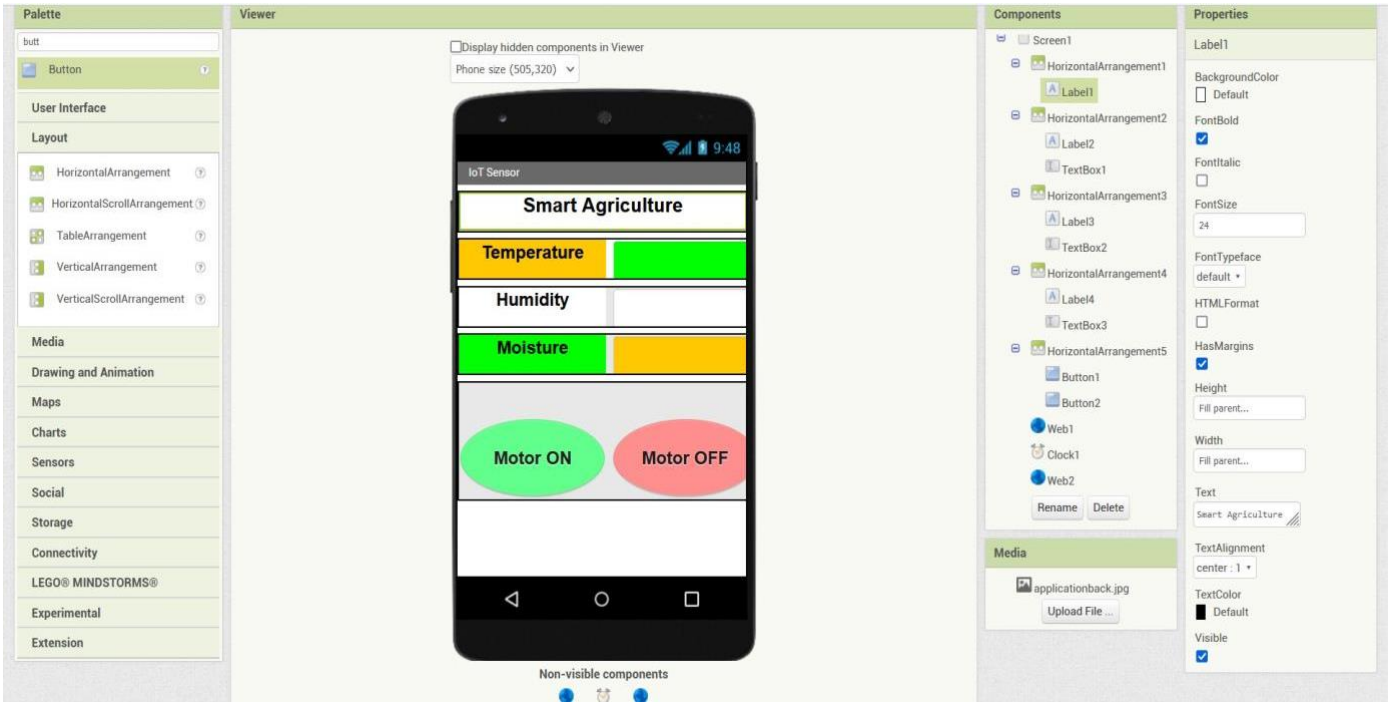
SPRINT-4

Team Id	**PNT2022TMID07443**
Project Name	**Smart Farmer-IoT enabled smart farming application**
TEAM	**Dhivyabharathi.B** **Madhureebha.S** **Kamini.M** **Aishwarya.S**

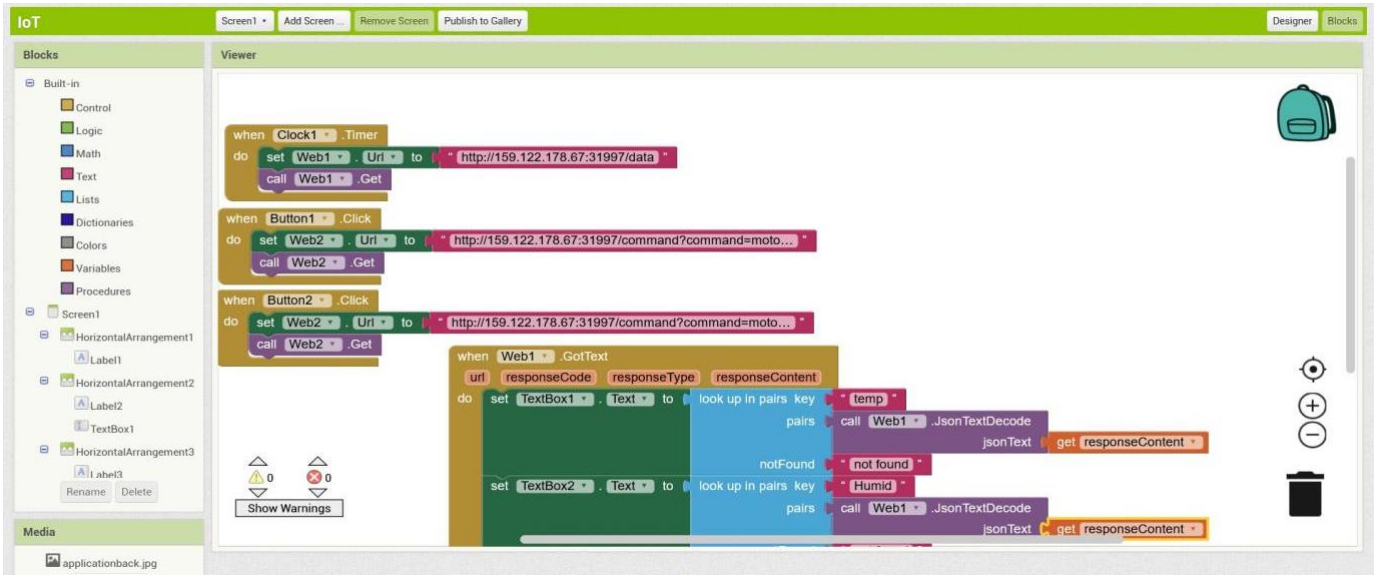
MIT APP CREATION:

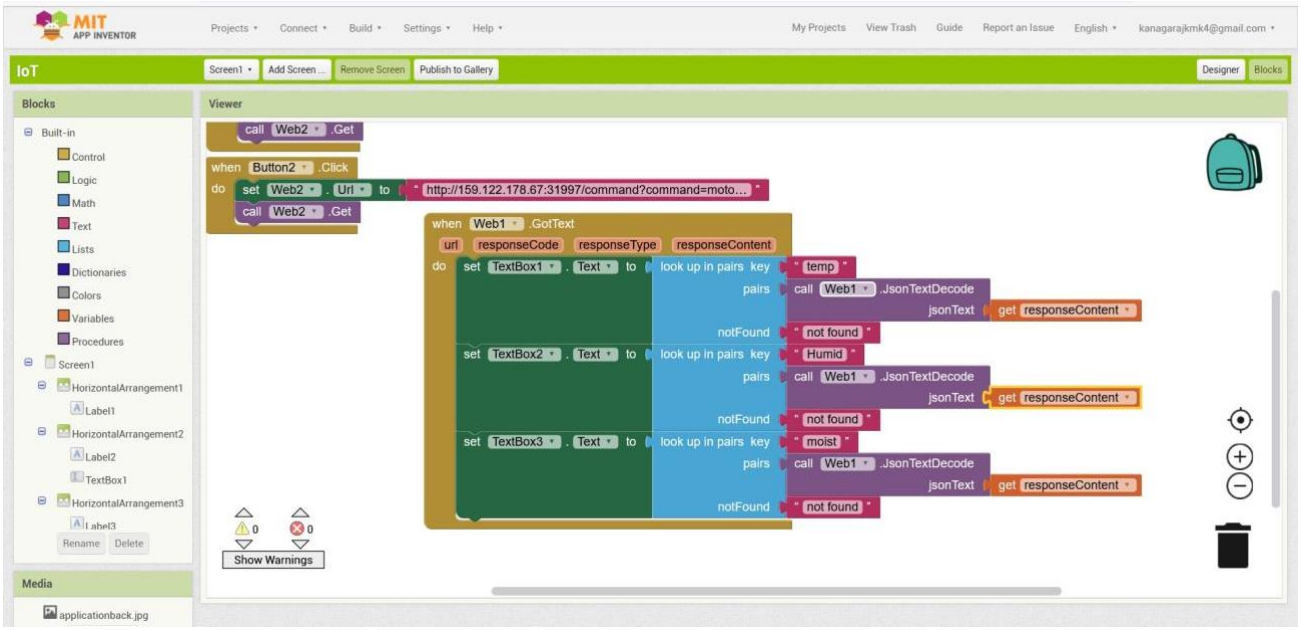


MIT APP FOR DISPLAYING TEMPERATURE,HUMIDITY,TEMPERATURE:


Palette
Viewer
Components
Properties
Display hidden components in Viewer
Phone size (505,320)
9:48
IoT Sensor
Smart Agriculture
Temperature
Humidity
Moisture
Motor ON
Motor OFF
Non-visible components
Screen1
HorizontalArrangement1
Label1
HorizontalArrangement2
Label2
TextBox1
HorizontalArrangement3
Label3
TextBox2
HorizontalArrangement4
Label4
TextBox3
HorizontalArrangement5
Button1
Button2
Web1
Clock1
Web2
Rename
Delete
Media
applicationback.jpg
Upload File ...
Label1
BackgroundColor
Default
FontBold
FontItalic
FontSize
24
FontTypeface
default
HTMLFormat
HasMargins
Height
Fill parent...
Width
Fill parent...
Text
Smart Agriculture
TextAlignment
center : 1
TextColor
Default
Visible

BLOCKS:


IoT
Screen1
Add Screen ...
Remove Screen
Publish to Gallery
Designer
Blocks
Blocks
Viewer
Built-in
Control
Logic
Math
Text
Lists
Dictionaries
Colors
Variables
Procedures
Screen1
HorizontalArrangement1
Label1
HorizontalArrangement2
Label2
TextBox1
HorizontalArrangement3
Label3
Rename
Delete
Media
applicationback.jpg
Show Warnings
when Clock1 .Timer
do set Web1 . Url to " http://159.122.178.67:31997/data "
call Web1 .Get
when Button1 .Click
do set Web2 . Url to " http://159.122.178.67:31997/command?command=moto... "
call Web2 .Get
when Button2 .Click
do set Web2 . Url to " http://159.122.178.67:31997/command?command=moto... "
call Web2 .Get
when Web1 .GotText
url responseCode responseType responseContent
do set TextBox1 . Text to look up in pairs key " temp "
pairs call Web1 .JsonTextDecode
jsonText get responseContent
notFound " not found "
set TextBox2 . Text to look up in pairs key " Humid "
pairs call Web1 .JsonTextDecode
jsonText get responseContent


MIT APP INVENTOR
Projects
Connect
Build
Settings
Help
My Projects
View Trash
Guide
Report an Issue
English
kanagarajkmk4@gmail.com
IoT
Screen1
Add Screen ...
Remove Screen
Publish to Gallery
Designer
Blocks
Blocks
Built-in
Control
Logic
Math
Text
Lists
Dictionaries
Colors
Variables
Procedures
Screen1
HorizontalArrangement1
Label1
HorizontalArrangement2
Label2
TextBox1
HorizontalArrangement3
Label3
Rename
Delete
Media
applicationback.jpg
Viewer
call Web2 .Get
when Button2 .Click
do set Web2 . Url to " http://159.122.178.67:31997/command?command=moto... "
call Web2 .Get
when Web1 .GotText
url responseCode responseType responseContent
do set TextBox1 . Text to look up in pairs key " temp "
pairs call Web1 .JsonTextDecode
jsonText get responseContent
notFound " not found "
set TextBox2 . Text to look up in pairs key " Humid "
pairs call Web1 .JsonTextDecode
jsonText get responseContent
notFound " not found "
set TextBox3 . Text to look up in pairs key " moist "
pairs call Web1 .JsonTextDecode
jsonText get responseContent
notFound " not found "
Show Warnings

MOBILE VIEW:

IoT Sensor
Smart Agriculture
Temperature
-4
Humidity
50
Moisture
52
Motor ON
Motor OFF