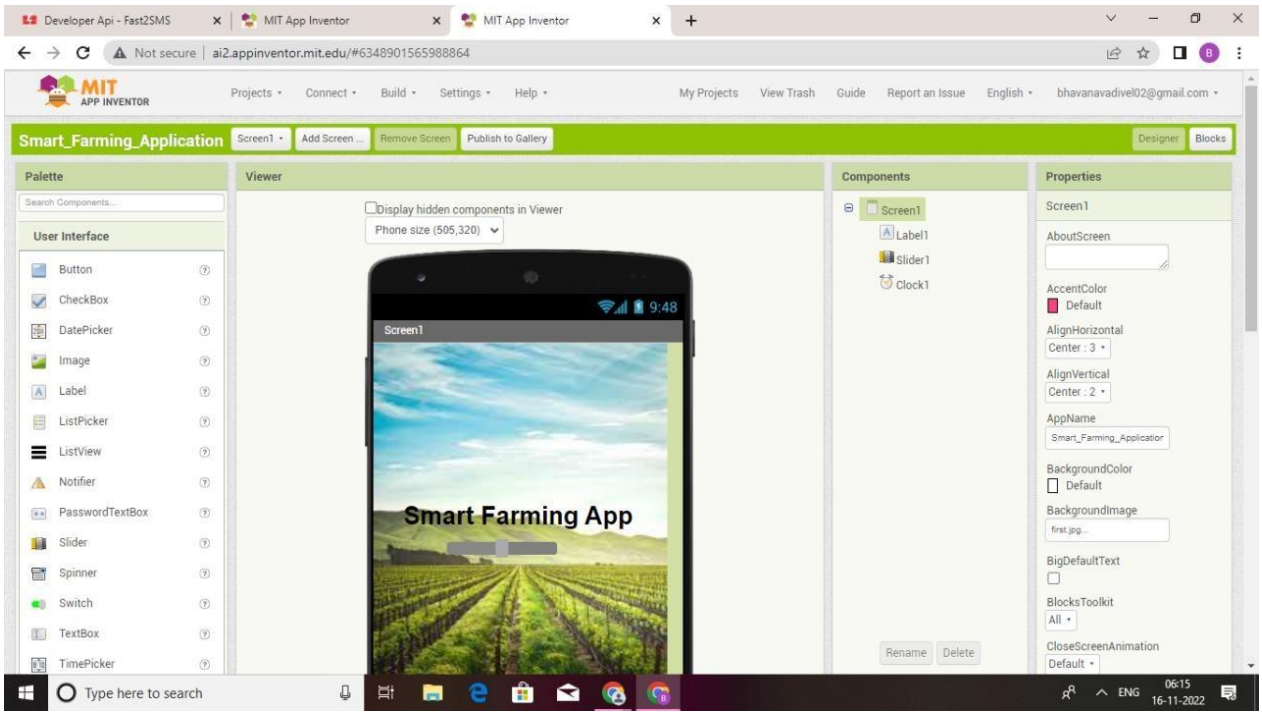
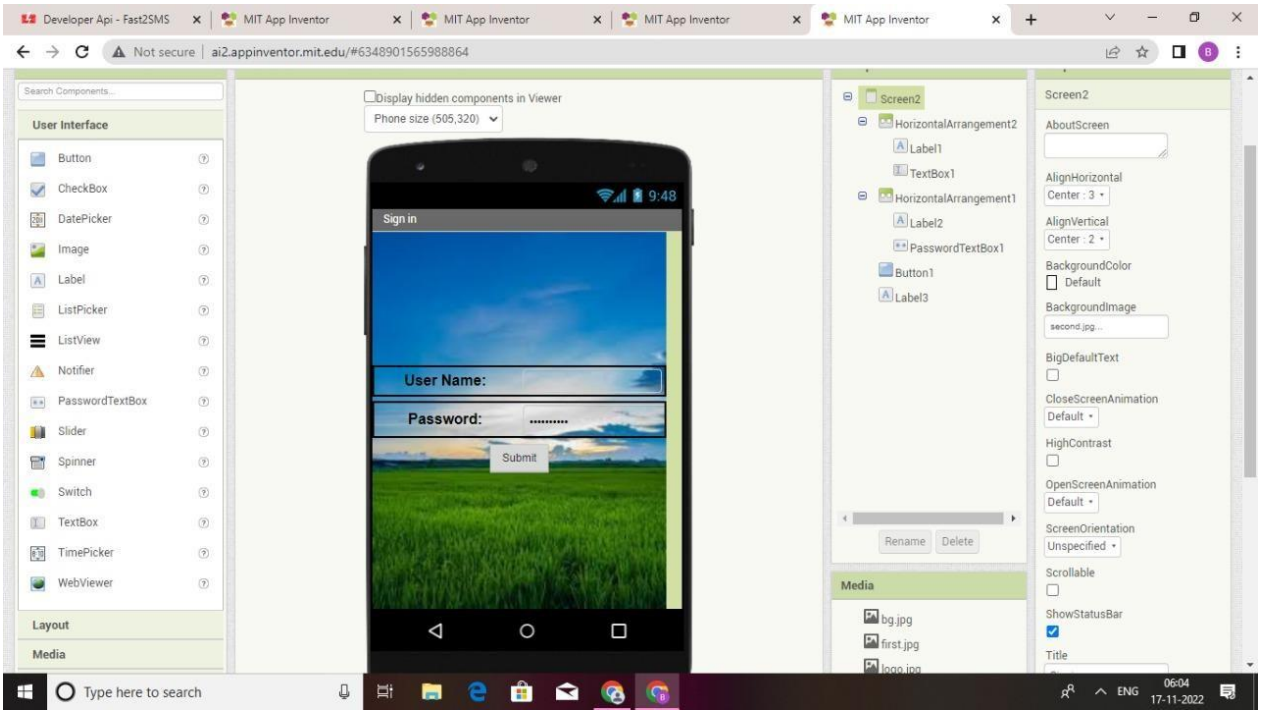
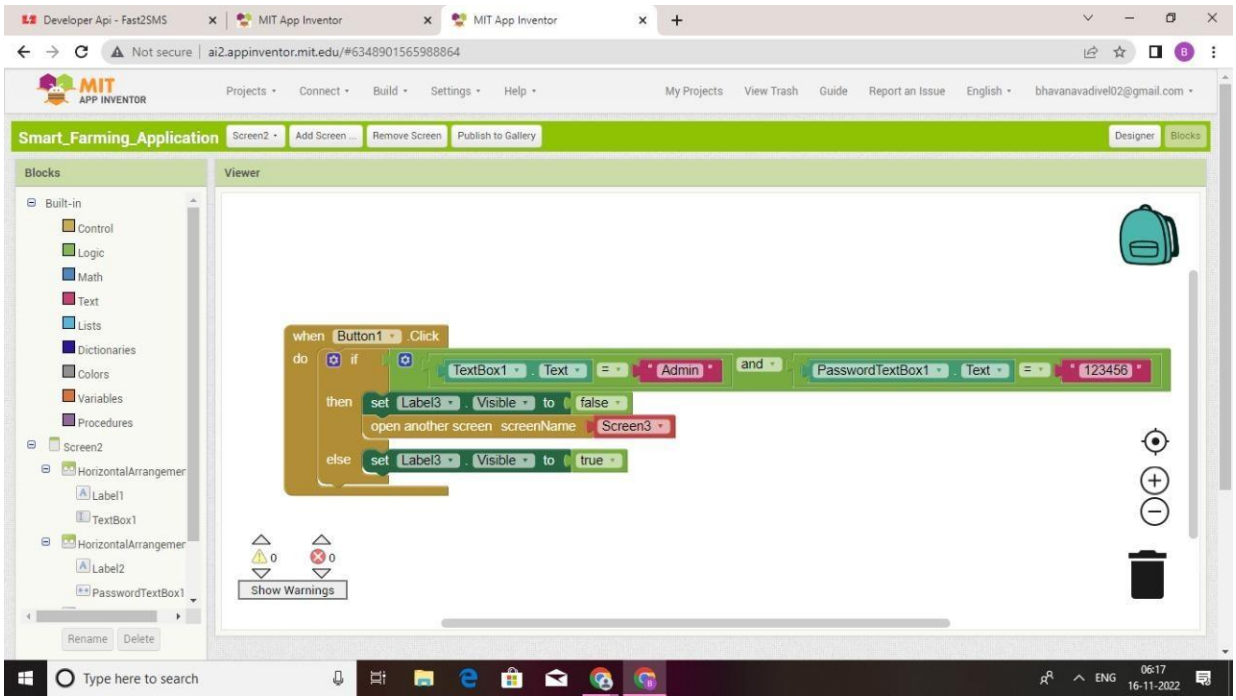
Develop a Mobile Application

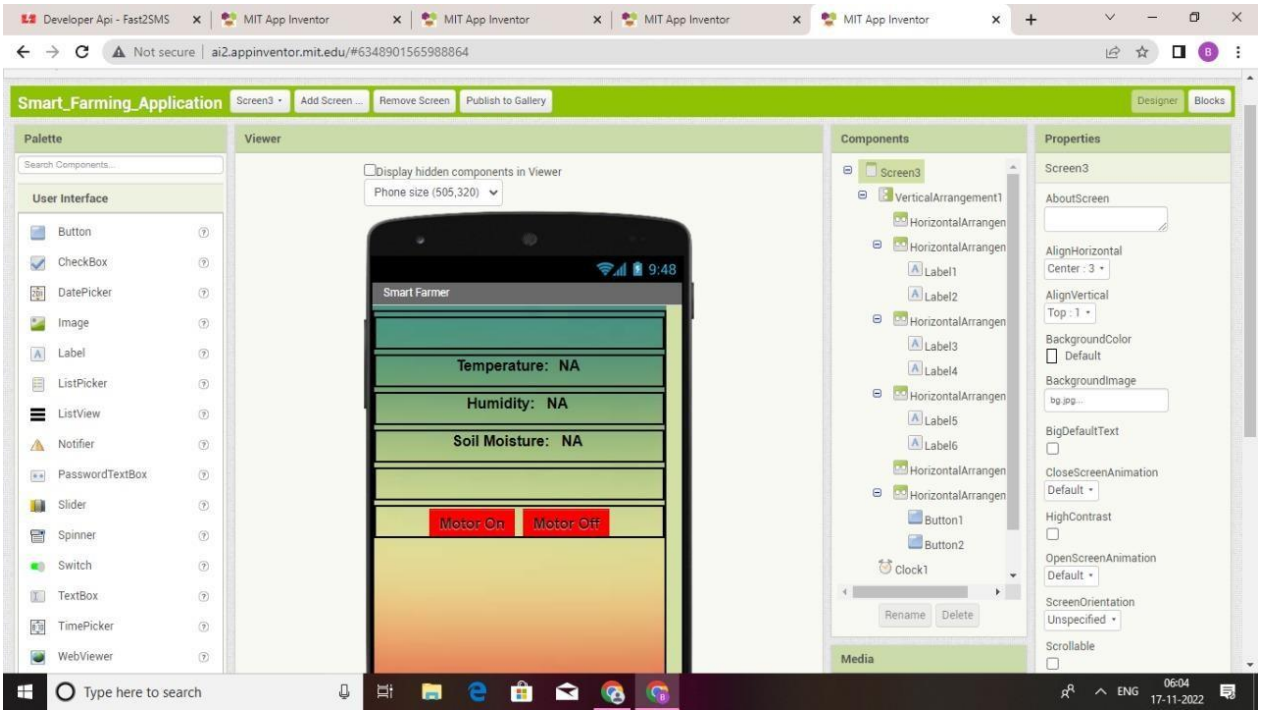
Date	16November 2022
Team ID	PNT2022TMID47645
Project Name	Project - SmartFarmer - IoT Enabled Smart Farming Application

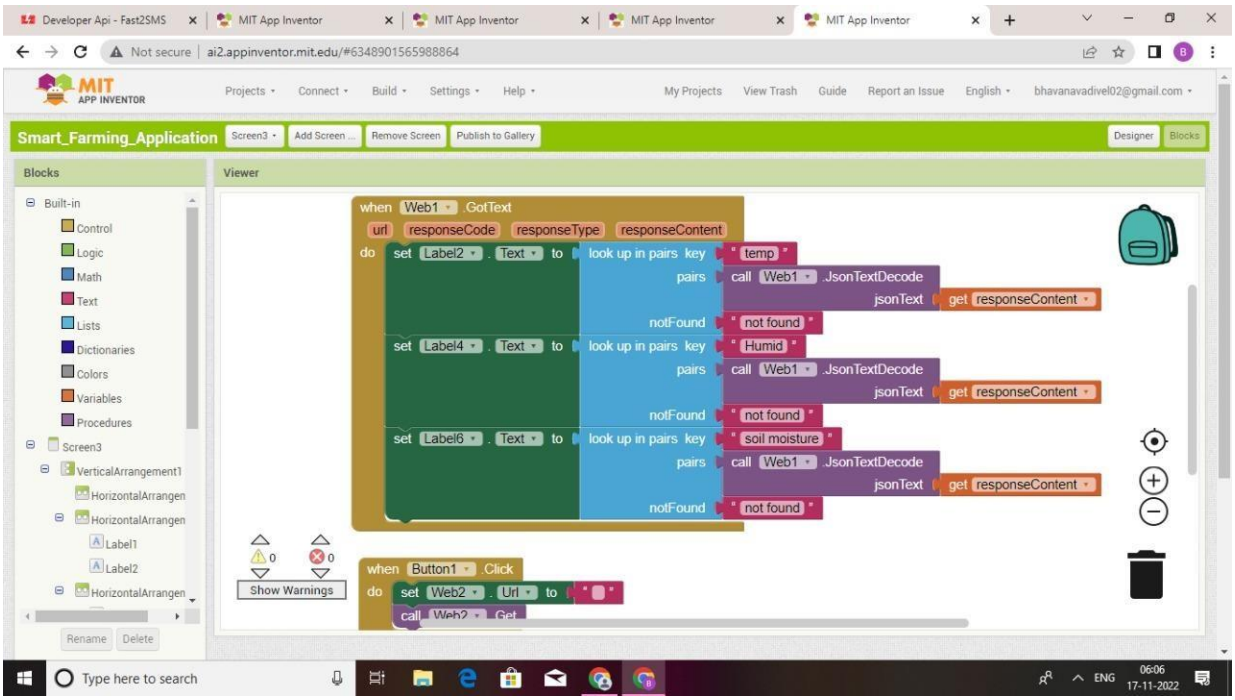
- Developed a Mobile App for Smart Farming Application.




Developer Api - Fast2SMS
MIT App Inventor
Not secure | ai2.appinventor.mit.edu/#6348901565988864
Search Components...
User Interface
Button
CheckBox
DatePicker
Image
Label
ListPicker
ListView
Notifier
PasswordTextBox
Slider
Spinner
Switch
TextBox
TimePicker
WebViewer
Layout
Media
Display hidden components in Viewer
Phone size (505,320)
9:48
Sign in
User Name:
Password:
Submit
Screen2
HorizontalArrangement2
Label1
TextBox1
HorizontalArrangement1
Label2
PasswordTextBox1
Button1
Label3
Rename
Delete
Media
bg.jpg
first.jpg
Screen2
AboutScreen
AlignHorizontal
Center : 3
AlignVertical
Center : 2
BackgroundColor
Default
BackgroundImage
second.jpg...
BigDefaultText
CloseScreenAnimation
Default
HighContrast
OpenScreenAnimation
Default
ScreenOrientation
Unspecified
Scrollable
ShowStatusBar
Title
Type here to search
ENG
06:04
17-11-2022


Developer Api - Fast2SMS
MIT App Inventor
Not secure | ai2.appinventor.mit.edu/#6348901565988864
MIT APP INVENTOR
Projects
Connect
Build
Settings
Help
My Projects
View Trash
Guide
Report an Issue
English
bhavanavadivel02@gmail.com
Smart_Farming_Application
Screen2
Add Screen ...
Remove Screen
Publish to Gallery
Designer
Blocks
Blocks
Viewer
Built-in
Control
Logic
Math
Text
Lists
Dictionaries
Colors
Variables
Procedures
Screen2
HorizontalArrangemer
Label1
TextBox1
HorizontalArrangemer
Label2
PasswordTextBox1
Rename
Delete
when Button1 .Click
do if
TextBox1 . Text = " Admin " and PasswordTextBox1 . Text = " 123456 "
then set Label3 . Visible to false
open another screen screenName Screen3
else set Label3 . Visible to true
Show Warnings
Type here to search
ENG
06:17
16-11-2022


Smart_Farming_Application
Screen3
Add Screen ...
Remove Screen
Publish to Gallery
Designer
Blocks
Palette
Viewer
Components
Properties
Display hidden components in Viewer
Phone size (505,320)
Smart Farmer
Temperature: NA
Humidity: NA
Soil Moisture: NA
Motor On
Motor Off
Button
CheckBox
DatePicker
Image
Label
ListPicker
ListView
Notifier
PasswordTextBox
Slider
Spinner
Switch
TextBox
TimePicker
WebViewer
Screen3
VerticalArrangement1
HorizontalArrangen
Label1
Label2
Label3
Label4
Label5
Label6
Button1
Button2
Clock1
Rename
Delete
Media
AboutScreen
AlignHorizontal
Center : 3
AlignVertical
Top : 1
BackgroundColor
Default
BackgroundImage
bg.jpg
BigDefaultText
CloseScreenAnimation
Default
HighContrast
OpenScreenAnimation
Default
ScreenOrientation
Unspecified
Scrollable
Type here to search
ENG
06:04
17-11-2022


MIT APP INVENTOR
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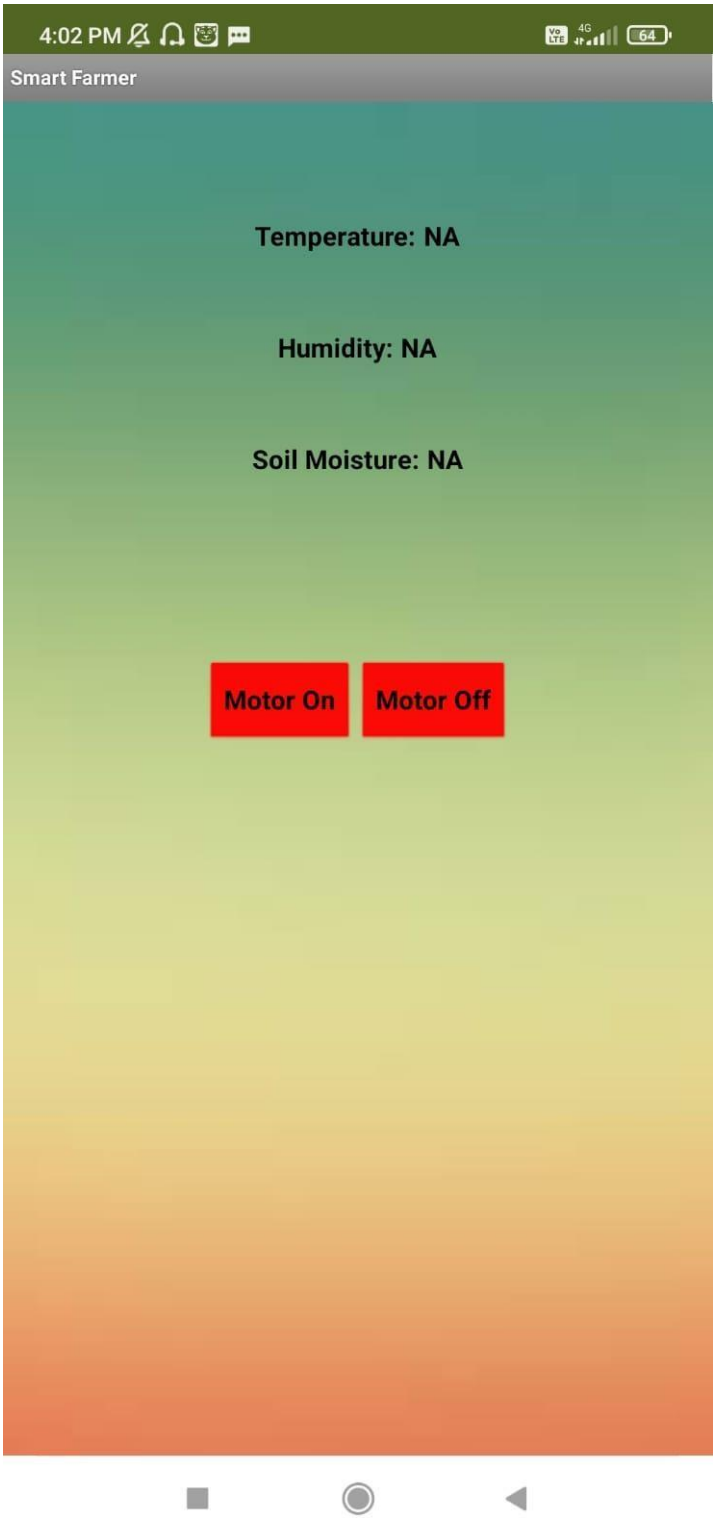
Smart_Farming_Application
Blocks
Viewer
Built-in
Control
Logic
Math
Text
Lists
Dictionaries
Colors
Variables
Procedures
when Web1 .GotText
url responseCode responseType responseContent
do set Label2 . Text to look up in pairs key " temp "
pairs call Web1 .JsonTextDecode
jsonText get responseContent
notFound " not found "
set Label4 . Text to look up in pairs key " Humid "
set Label6 . Text to look up in pairs key " soil moisture "
Show Warnings
when Button1 .Click
set Web2 . Url to
call Web2 .Get
Type here to search
ENG
06:06
17-11-2022

- Screenshots from Mobile App


4:02 PM
Smart Farmer
Temperature: NA
Humidity: NA
Soil Moisture: NA
Motor On
Motor Off