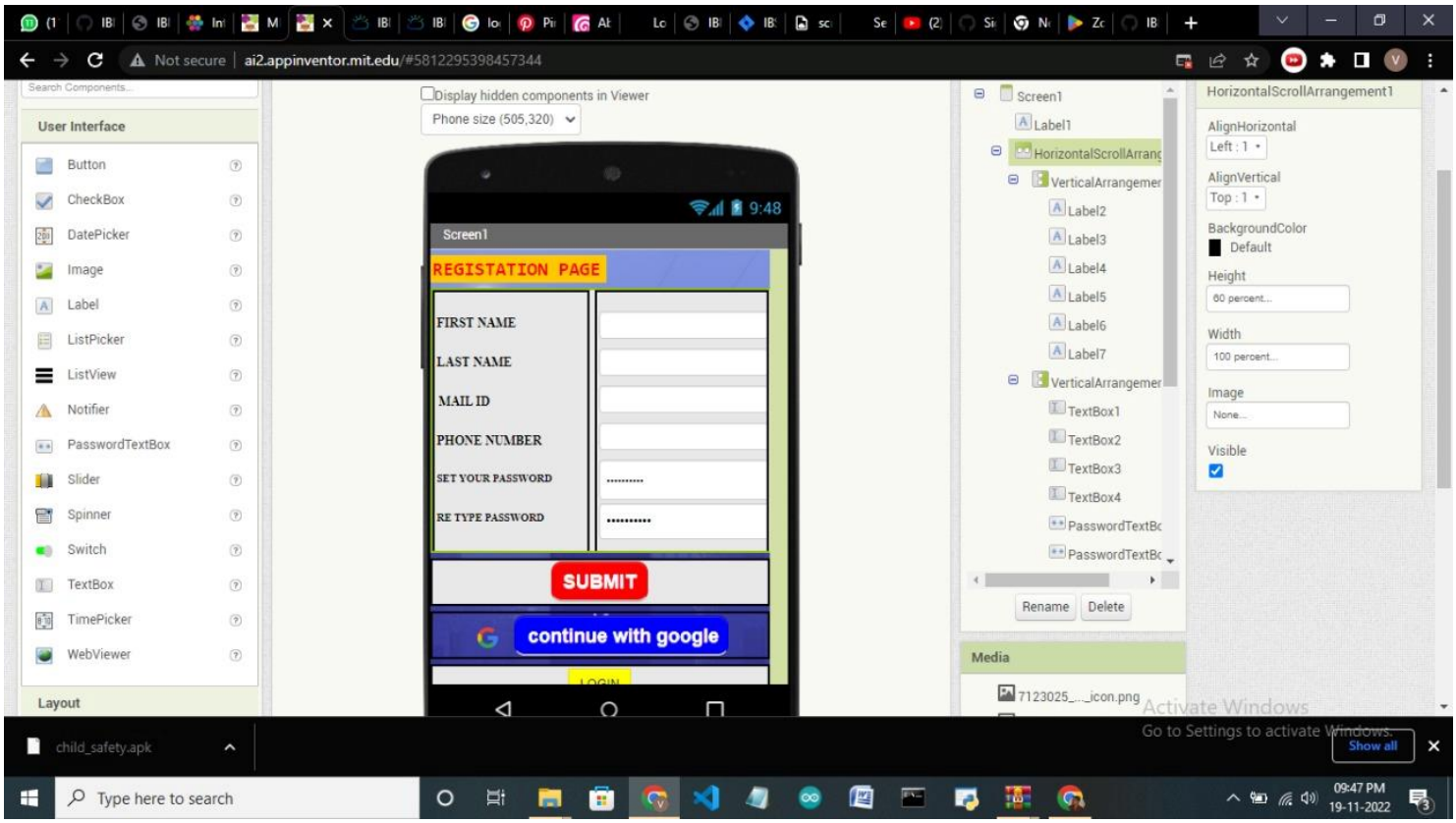
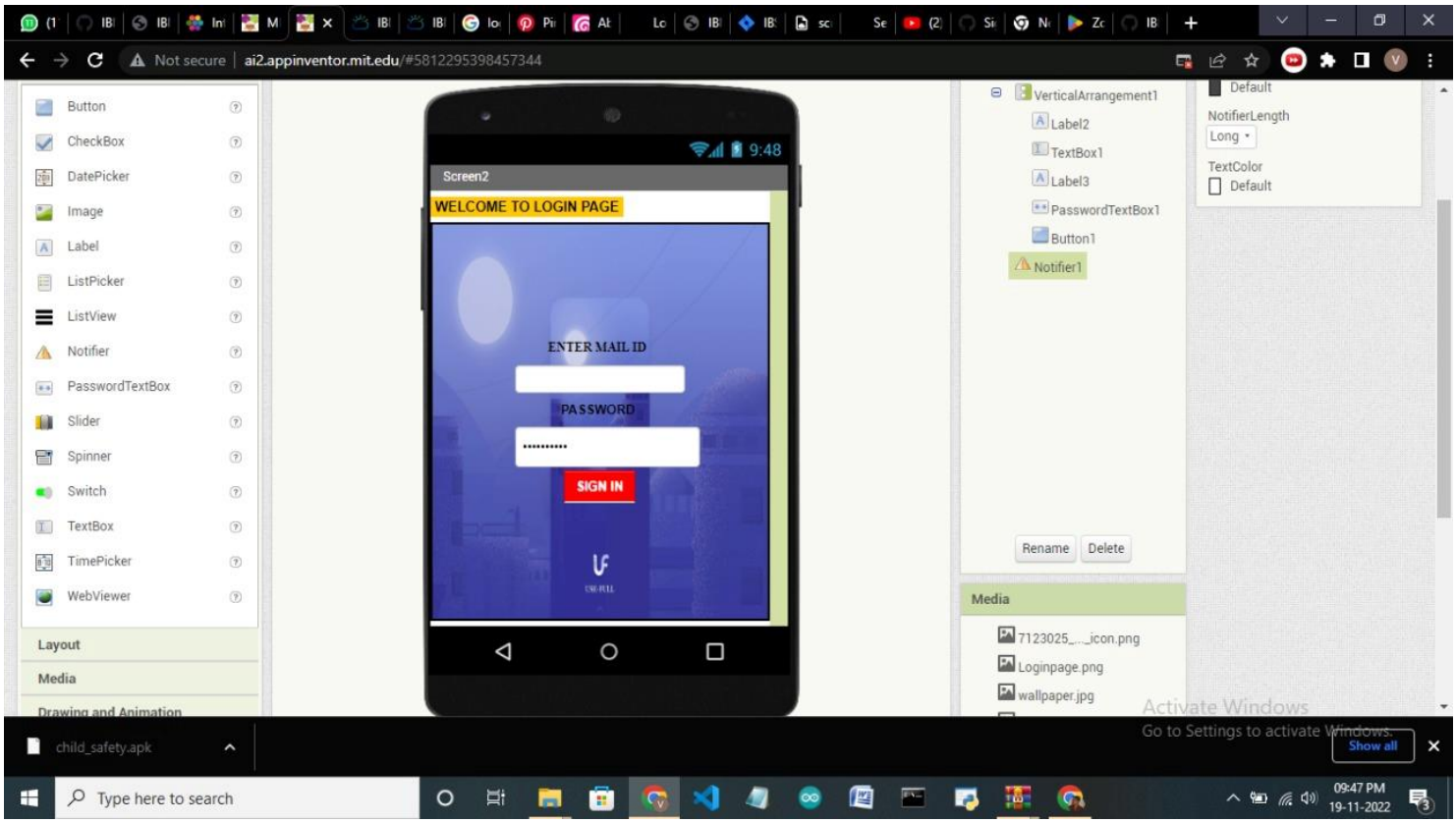
IOT Based Safety Gadget for Child Safety Monitoring and Notification

Connecting the Node-Red Service and MIT app With Web UI and Show the child location and notify

TITLE	IOT based child safety gadget for child safety monitoring and notification
DOMAIN NAME	INTERNET OF THINGS
TEAM ID	PNT2022TMlD33201
TEAM LEADERNAME	JEYAKANTHAN M
TEAM MEMBER NAME	HARI PRAKASH M GOKUL VINAYAGAM M IJASH MOHAMED I
MENTOR NAME	Mr. K.VINOTH KUMAR

Connect the app with Node-Red Service:


Not secure | ai2.appinventor.mit.edu/#5812295398457344
User Interface
Button
CheckBox
DatePicker
Image
Label
ListPicker
ListView
Notifier
PasswordTextBox
Slider
Spinner
Switch
TextBox
TimePicker
WebViewer
Layout
Display hidden components in Viewer
Phone size (505,320)
9:48
Screen1
REGISTATION PAGE
FIRST NAME
LAST NAME
MAIL ID
PHONE NUMBER
SET YOUR PASSWORD
RE TYPE PASSWORD
SUBMIT
continue with google
Screen1
Label1
HorizontalScrollArrang
VerticalArrangemer
Label2
Label3
Label4
Label5
Label6
Label7
VerticalArrangemer
TextBox1
TextBox2
TextBox3
TextBox4
PasswordTextBc
PasswordTextBc
Rename
Delete
Media
7123025_..._icon.png
HorizontalScrollArrangement1
AlignHorizontal
Left : 1
AlignVertical
Top : 1
BackgroundColor
Default
Height
60 percent...
Width
100 percent...
Image
None...
Visible
Activate Windows
Go to Settings to activate Windows.
child_safety.apk
Show all
Type here to search
09:47 PM
19-11-2022


Not secure | ai2.appinventor.mit.edu/#5812295398457344
Button
CheckBox
DatePicker
Image
Label
ListPicker
ListView
Notifier
PasswordTextBox
Slider
Spinner
Switch
TextBox
TimePicker
WebViewer
Layout
Media
Drawing and Animation
9:48
Screen2
WELCOME TO LOGIN PAGE
ENTER MAIL ID
PASSWORD
SIGN IN
VerticalArrangement1
Label2
TextBox1
Label3
PasswordTextBox1
Button1
Notifier1
Rename
Delete
Media
7123025_..._icon.png
Loginpage.png
wallpaper.jpg
Default
NotifierLength
Long
TextColor
Default
Activate Windows
Go to Settings to activate Windows.
child_safety.apk
Show all
Type here to search
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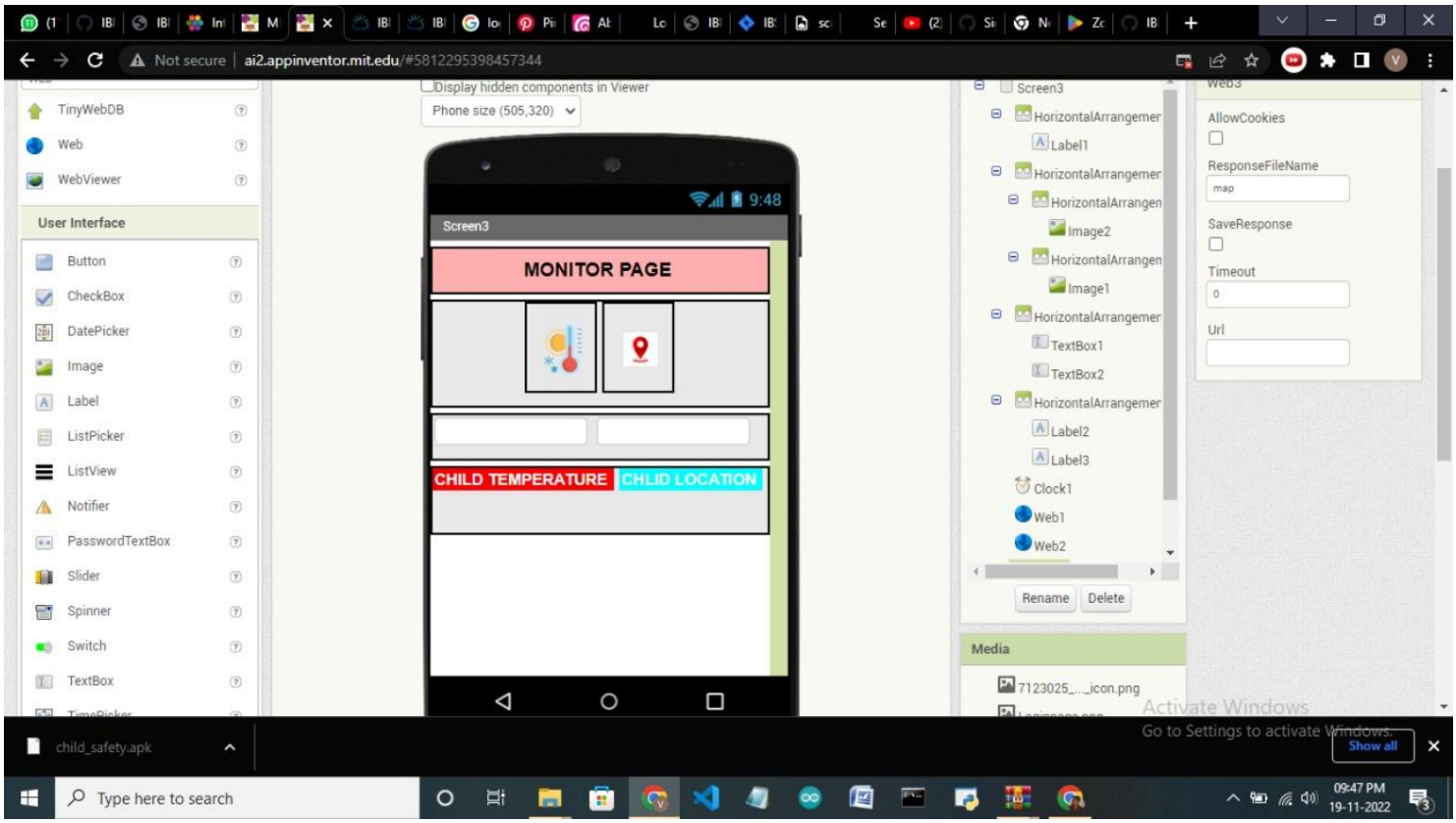
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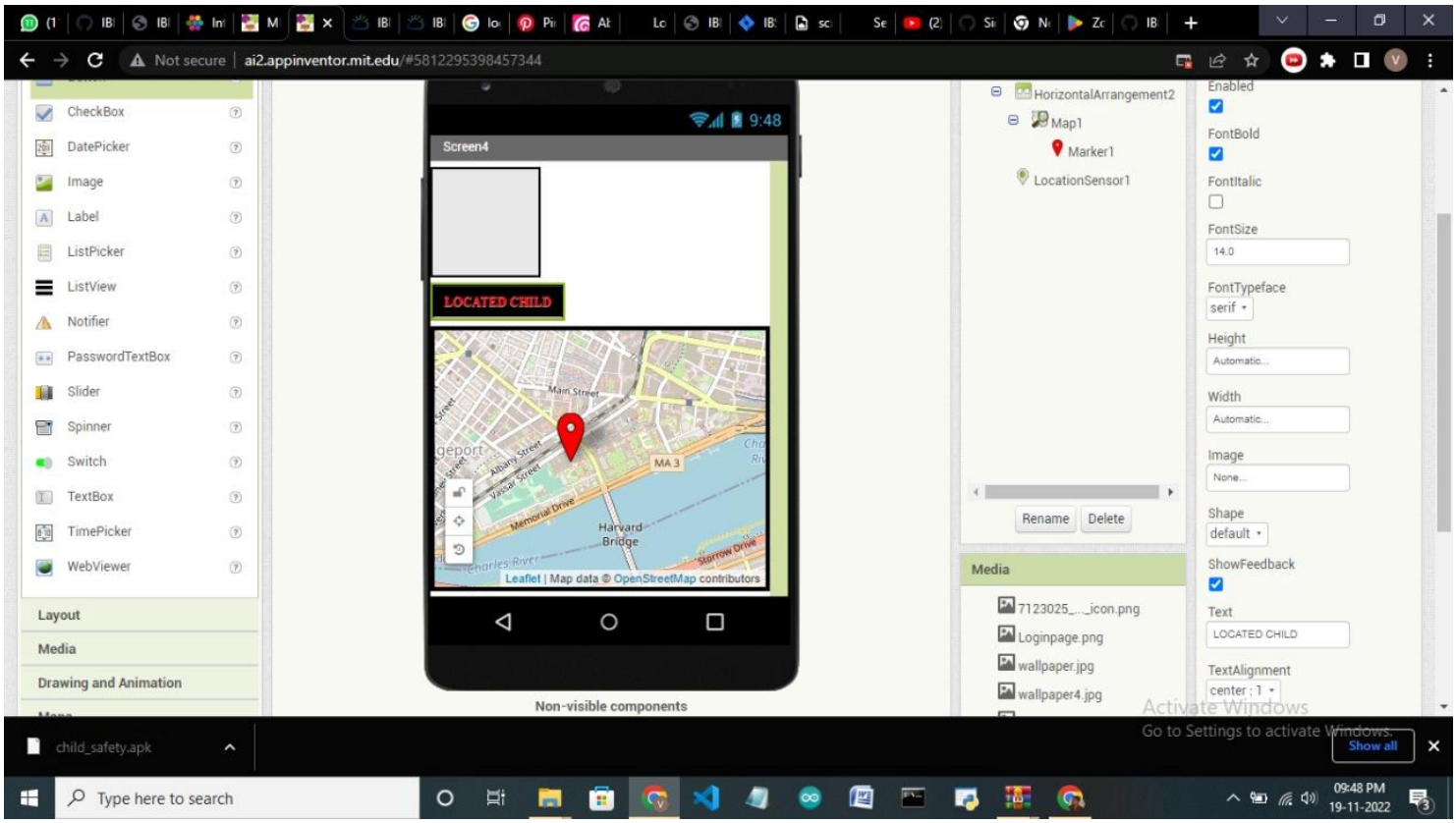
TinyWebDB
Web
WebViewer
User Interface
Button
CheckBox
DatePicker
Image
Label
ListPicker
ListView
Notifier
PasswordTextBox
Slider
Spinner
Switch
TextBox
Display hidden components in Viewer
Phone size (505,320)
9:48
Screen3
MONITOR PAGE
CHILD TEMPERATURE
CHLID LOCATION
Screen3
HorizontalArrangemer
Label1
HorizontalArrangemer
HorizontalArrangen
Image2
HorizontalArrangen
Image1
HorizontalArrangemer
TextBox1
TextBox2
HorizontalArrangemer
Label2
Label3
Clock1
Web1
Web2
Rename
Delete
Media
7123025_..._icon.png
AllowCookies
ResponseFileName
map
SaveResponse
Timeout
0
Url
Activate Windows
Go to Settings to activate Windows.
child_safety.apk
Show all
Type here to search
09:47 PM
19-11-2022


Not secure | ai2.appinventor.mit.edu/#5812295398457344
CheckBox
DatePicker
Image
Label
ListPicker
ListView
Notifier
PasswordTextBox
Slider
Spinner
Switch
TextBox
TimePicker
WebViewer
Layout
Media
Drawing and Animation
9:48
Screen4
LOCATED CHILD
Leaflet | Map data © OpenStreetMap contributors
Non-visible components
HorizontalArrangement2
Map1
Marker1
LocationSensor1
Rename
Delete
Media
7123025_..._icon.png
Loginpage.png
wallpaper.jpg
wallpaper4.jpg
Enabled
FontBold
FontItalic
FontSize
14.0
FontTypeface
serif
Height
Automatic...
Width
Automatic...
Image
None...
Shape
default
ShowFeedback
Text
LOCATED CHILD
TextAlignment
center : 1
Activate Windows
Go to Settings to activate Windows.
child_safety.apk
Show all
Type here to search
09:48 PM
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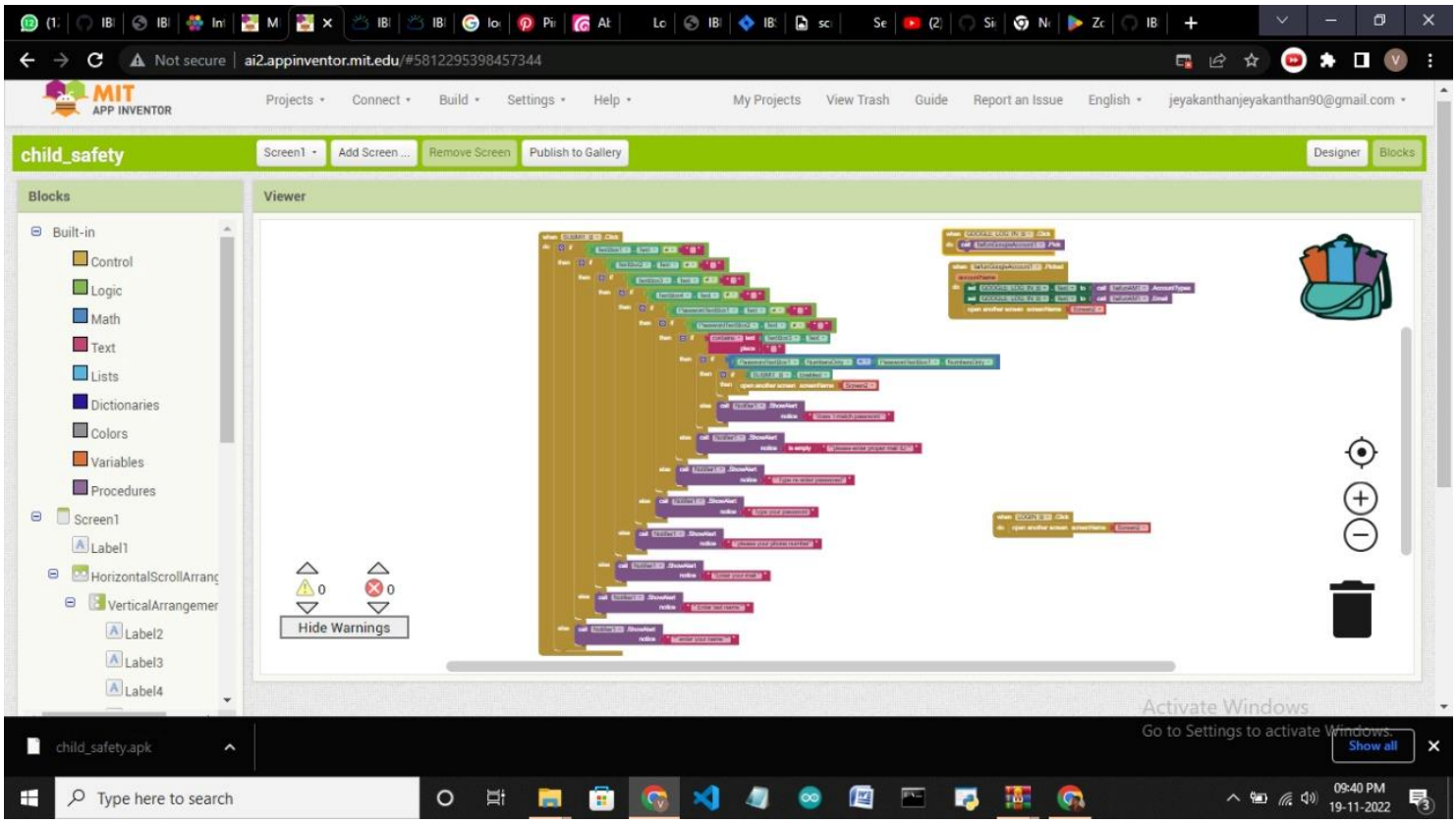
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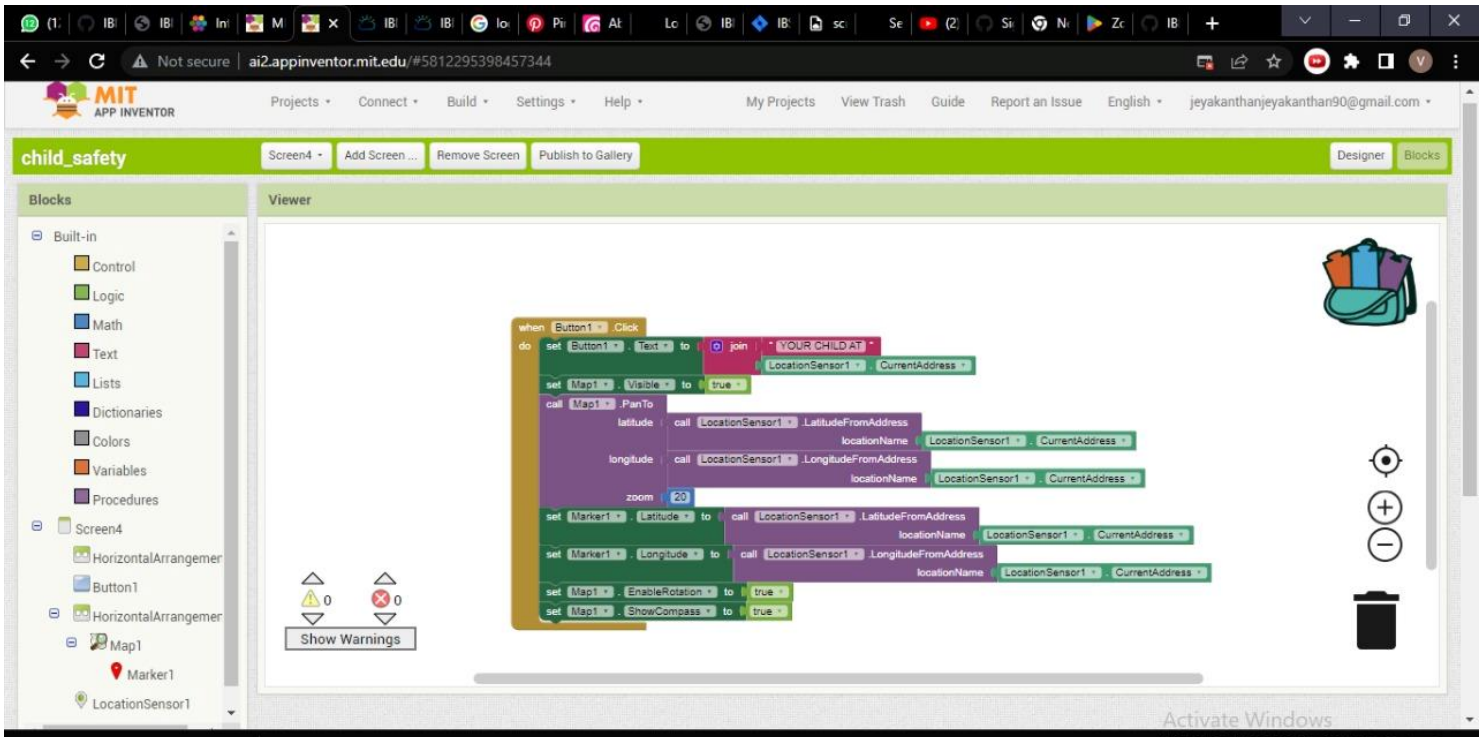
Projects
Connect
Build
Settings
Help
My Projects
View Trash
Guide
Report an Issue
English
jeyakanthanjeyakanthan90@gmail.com
child_safety
Screen1
Add Screen ...
Remove Screen
Publish to Gallery
Designer
Blocks
Blocks
Viewer
Built-in
Control
Logic
Math
Text
Lists
Dictionaries
Colors
Variables
Procedures
Screen1
Label1
HorizontalScrollArrang
VerticalArrangemer
Label2
Label3
Label4
Hide Warnings
Activate Windows
Go to Settings to activate Windows.
child_safety.apk
Show all
Type here to search
09:40 PM
19-11-2022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Projects Connect Build Settings Help My Projects View Trash Guide Report an Issue English jeyakanthanjeyakanthan90@gmail.com
child_safety
Screen4 Add Screen ... Remove Screen Publish to Gallery
Designer Blocks
Blocks
Viewer
Built-in
Control
Logic
Math
Text
Lists
Dictionaries
Colors
Variables
Procedures
Screen4
HorizontalArrangemer
Button1
HorizontalArrangemer
Map1
Marker1
LocationSensor1
when Button1 .Click
do set Button1 . Text to join "YOUR CHILD AT" LocationSensor1 . CurrentAddress
set Map1 . Visible to true
call Map1 .PanTo
latitude call LocationSensor1 .LatitudeFromAddress locationName LocationSensor1 . CurrentAddress
longitude call LocationSensor1 .LongitudeFromAddress locationName LocationSensor1 . CurrentAddress
zoom 20
set Marker1 . Latitude to call LocationSensor1 .LatitudeFromAddress locationName LocationSensor1 . CurrentAddress
set Marker1 . Longitude to call LocationSensor1 .LongitudeFromAddress locationName LocationSensor1 . CurrentAddress
set Map1 . EnableRotation to true
set Map1 . ShowCompass to true
Show Warnings
Activate Windows
Go to Settings to activate Windows.
child_safety.apk
Show all
Type here to search
09:42 PM
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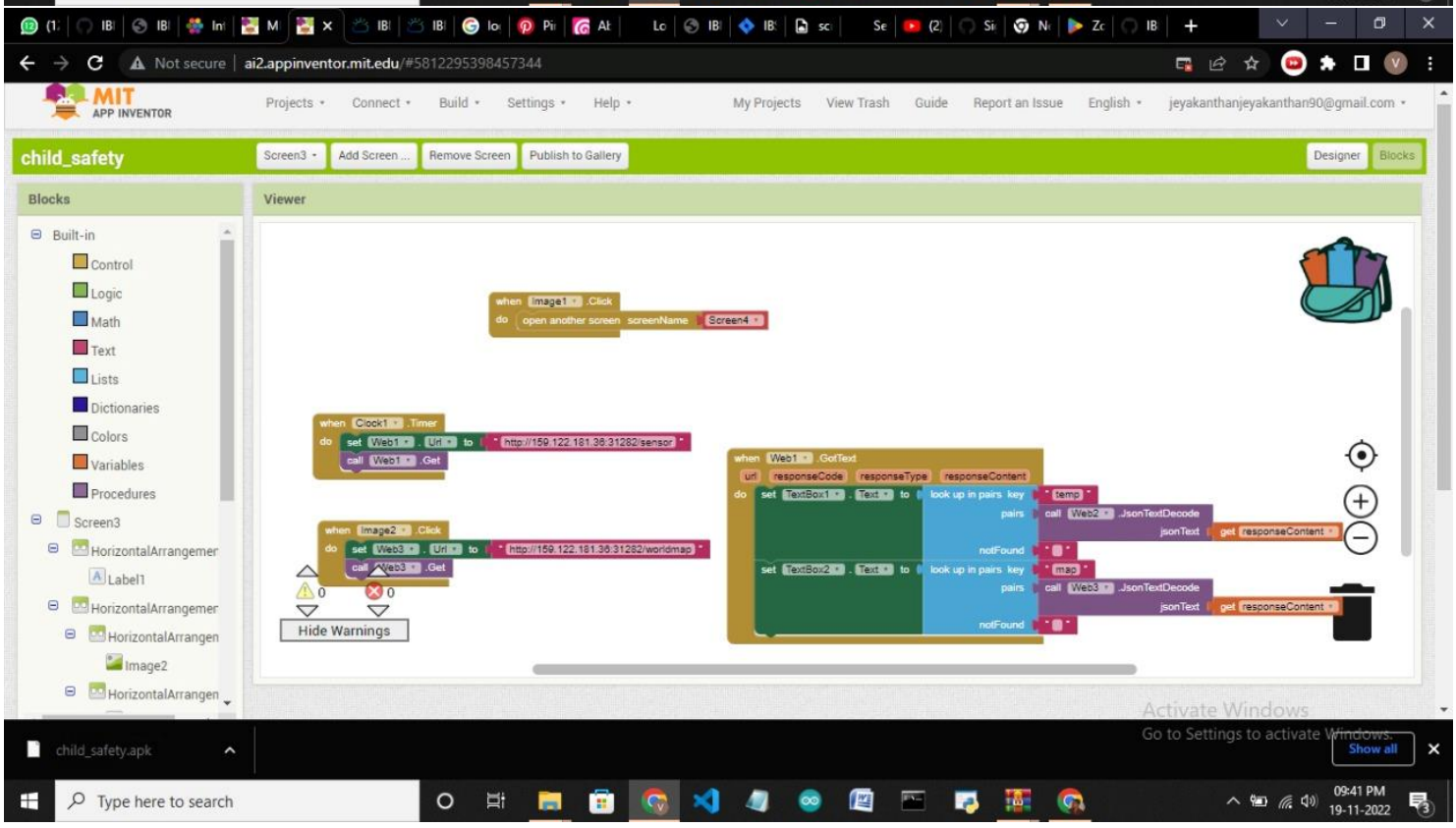
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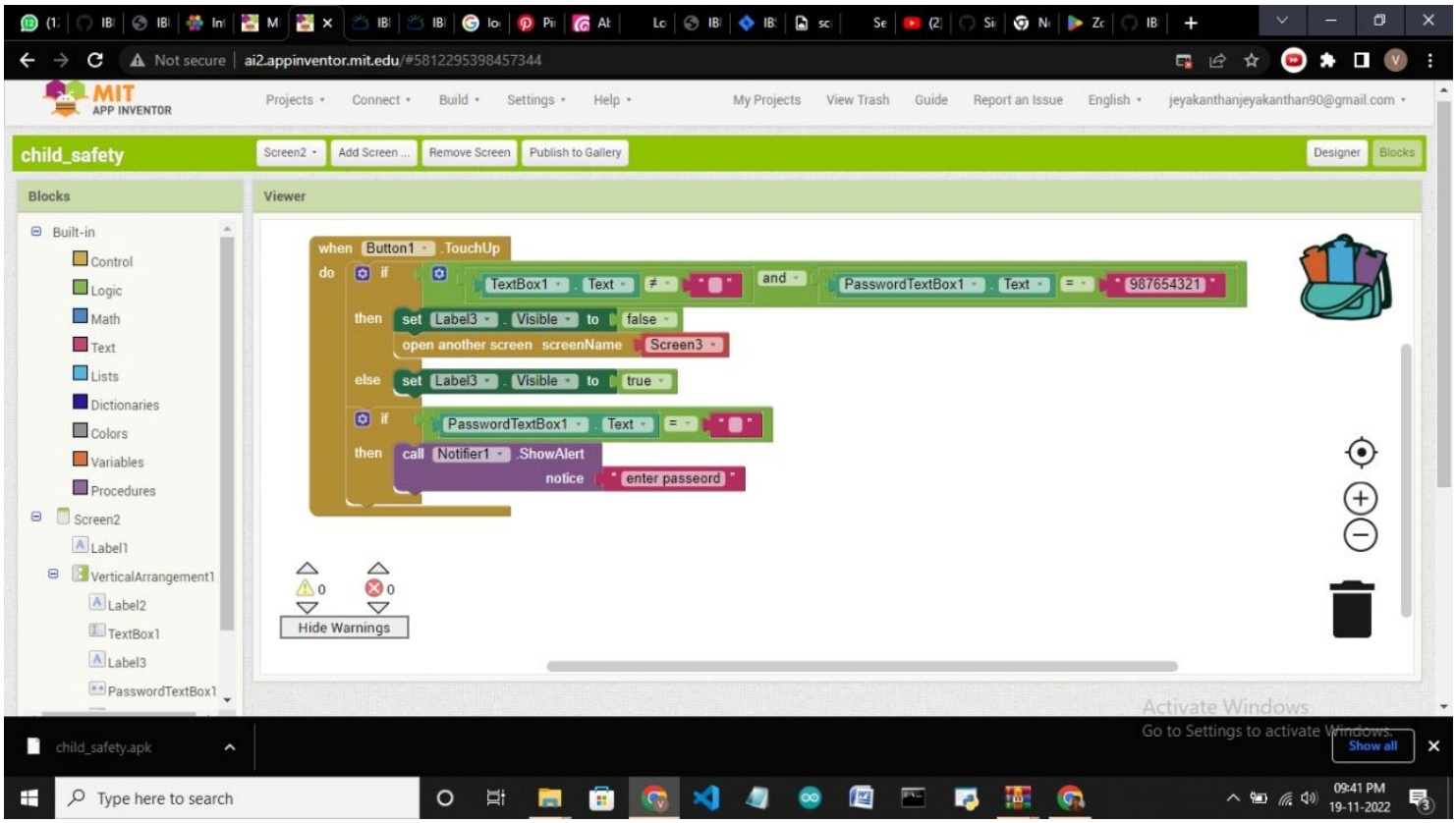
MIT APP INVENTOR
Projects Connect Build Settings Help My Projects View Trash Guide Report an Issue English jeyakanthanjeyakanthan90@gmail.com
child_safety
Screen3 Add Screen ... Remove Screen Publish to Gallery
Designer Blocks
Blocks
Viewer
Built-in
Control
Logic
Math
Text
Lists
Dictionaries
Colors
Variables
Procedures
Screen3
HorizontalArrangemer
Label1
HorizontalArrangemer
HorizontalArrangen
Image2
HorizontalArrangen
when Image1 .Click
do open another screen screenName Screen4
when Clock1 .Timer
do set Web1 . Url to "http://159.122.181.36:31282/sensor"
call Web1 .Get
when Image2 .Click
do set Web3 . Url to "http://159.122.181.36:31282/worldmap"
call Web3 .Get
when Web1 .GotText
url responseCode responseType responseContent
do set TextBox1 . Text to look up in pairs key "temp" pairs call Web2 .JsonTextDecode jsonText get responseContent notFound
set TextBox2 . Text to look up in pairs key "map" pairs call Web3 .JsonTextDecode jsonText get responseContent notFound
Hide Warnings
Activate Windows
Go to Settings to activate Windows.
child_safety.apk
Show all
Type here to search
09:41 PM
19-11-2022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child_safety
Screen2
Add Screen ...
Remove Screen
Publish to Gallery
Designer
Blocks
Blocks
Viewer
Built-in
Control
Logic
Math
Text
Lists
Dictionaries
Colors
Variables
Procedures
Screen2
Label1
VerticalArrangement1
Label2
TextBox1
Label3
PasswordTextBox1
when Button1 .TouchUp
do if TextBox1 . Text ≠ " " and PasswordTextBox1 . Text = " 987654321 "
then set Label3 . Visible to false
open another screen screenName Screen3
else set Label3 . Visible to true
if PasswordTextBox1 . Text = " "
then call Notifier1 .ShowAlert
notice " enter passeord "
0
0
Hide Warnings
Activate Windows
Go to Settings to activate Windows.
child_safety.apk
Show all
Type here to search
09:41 PM
19-11-2022