

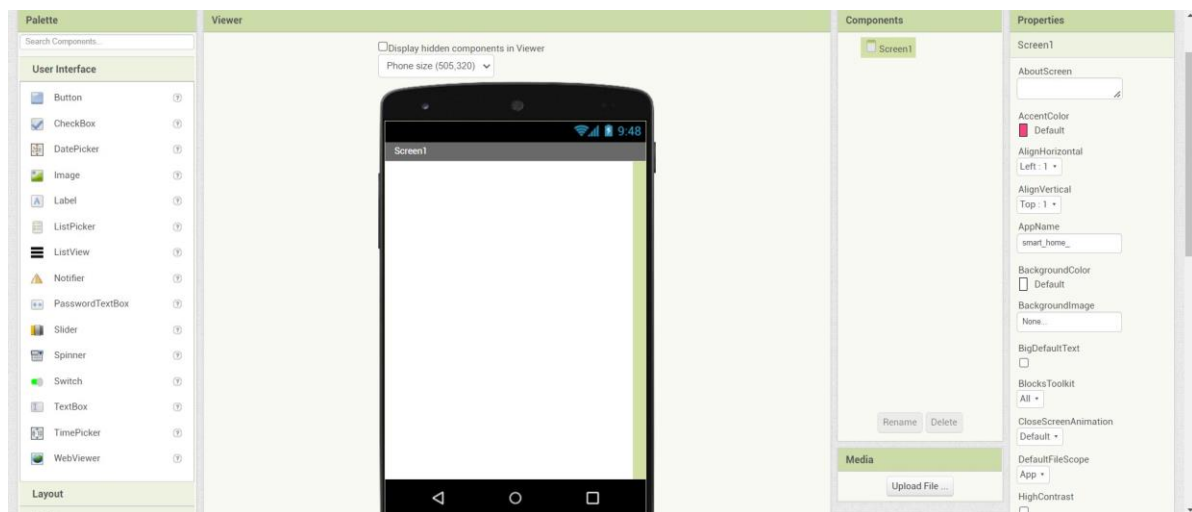
# Project Development – Delivery plan sprint 4

## IoT Based Safety Gadget for Child Safety Monitoring & Notification

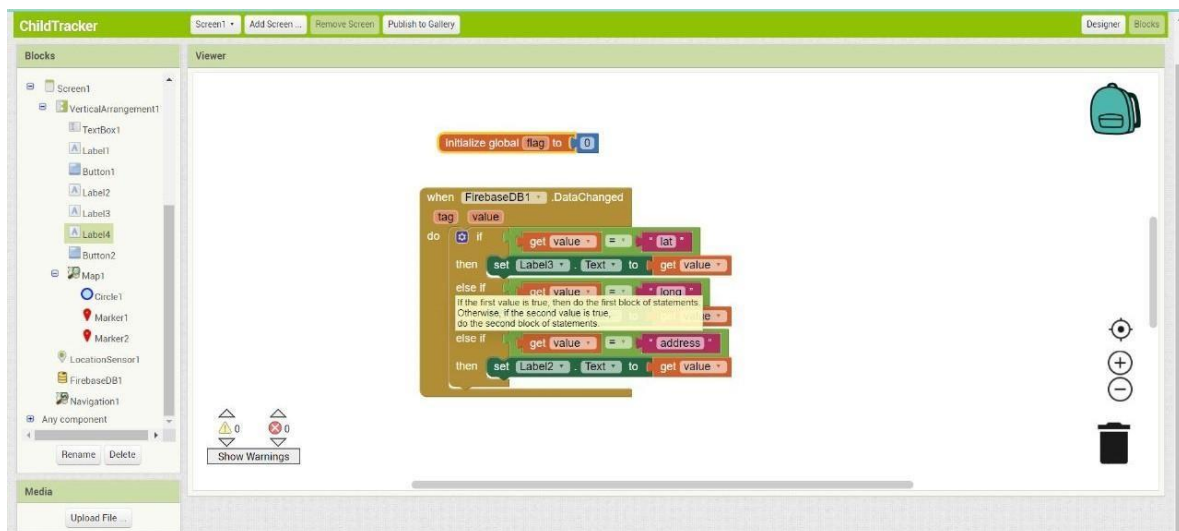
**TEAM ID:PNT2022TMID16367**

Creating the MIT app and Showing the child's location

### Create App in MIT App inventor:



### Block Configuration:



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

Blocks

- Screen1
  - VerticalArrangement1
    - TextBox1
    - Label1
    - Button1
    - Label2
    - Label3
    - Label4
    - Button2
  - Map1
    - Circle1
    - Marker1
    - Marker2
  - LocationSensor1
  - FirebaseDB1
  - Navigation1
- Any component

Rename Delete

Media Upload File

Viewer

when Button2.Click

do

- set Label3.Text to 17.4219272
- set Label4.Text to 78.5488783
- call Map1.PanTo
  - latitude LocationSensor1.Latitude
  - longitude LocationSensor1.Longitude
  - zoom 15

when Navigation1.GotDirections

directions points distance duration

do

- set Navigation1.StartLocation to Marker1
- set Navigation1.EndLocation to Marker2
- call Navigation1.RequestDirections

Show Warnings

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

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when Button1.Click

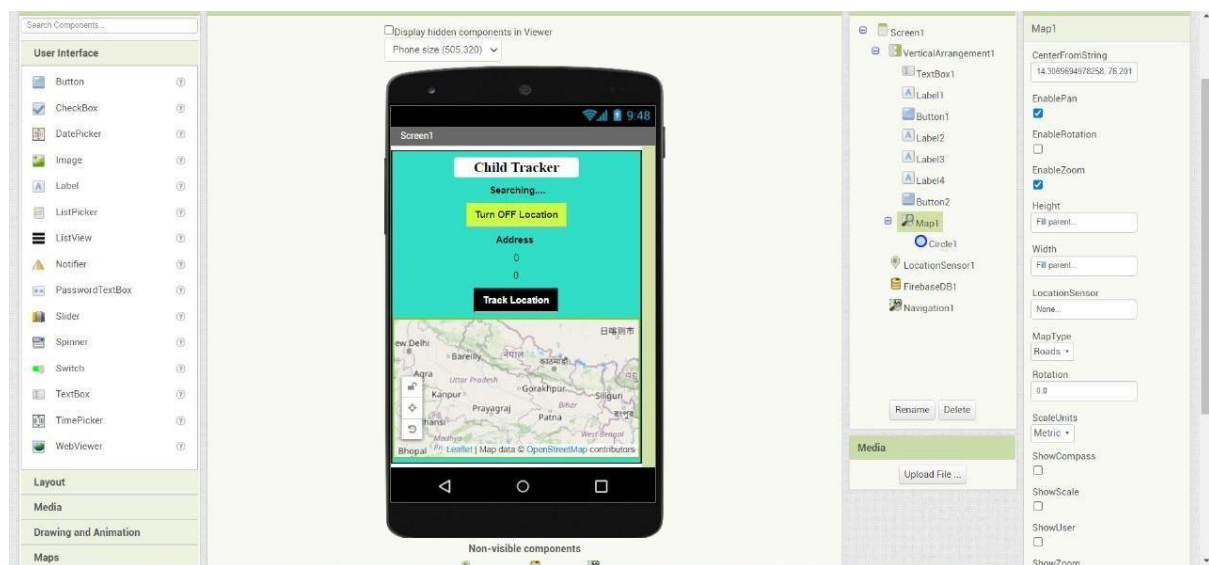
do

- if get global flag = 0
  - then
    - set global flag to 1
    - set Button1.BackgroundColor to red
    - set Button1.Text to Turn ON Location
  - else
    - set global flag to 0
    - set Button1.BackgroundColor to green
    - set Button1.Text to Turn OFF Location

Show Warnings



**Output:**



## Location Status:

