

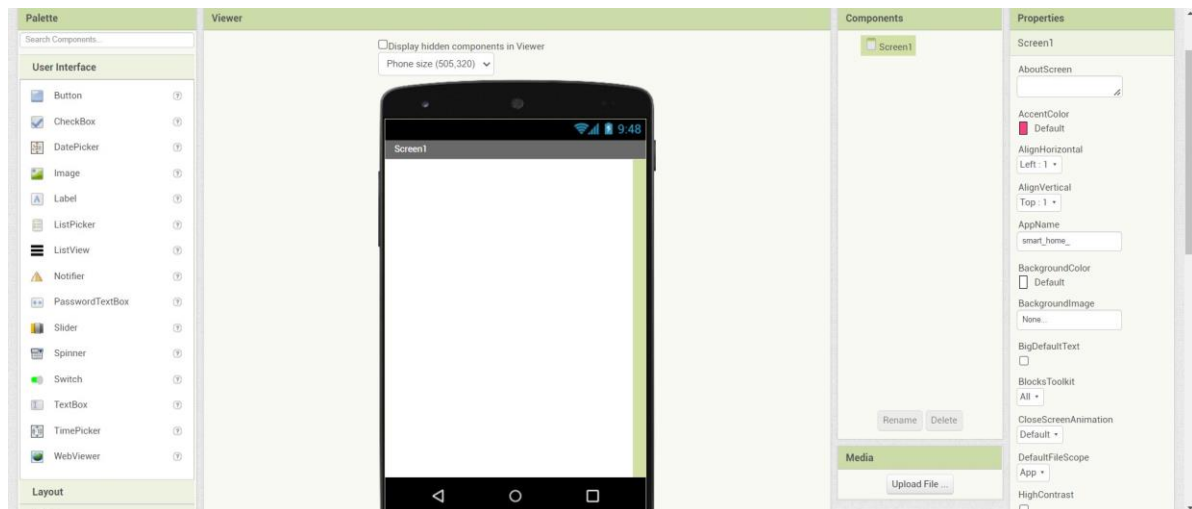
Project Development – Delivery plan sprint-4

IoT Based Safety Gadget for Child Safety Monitoring & Notification

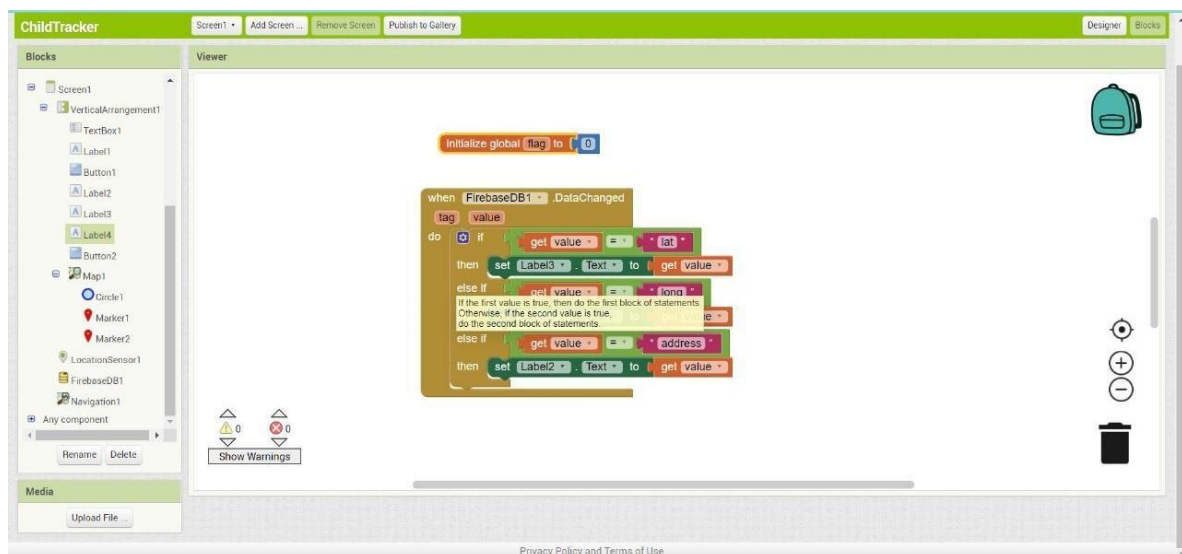
TEAM ID: PNT2022TMID02992

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

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.GoDirections

directions points distance duration

do

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

Show Warnings

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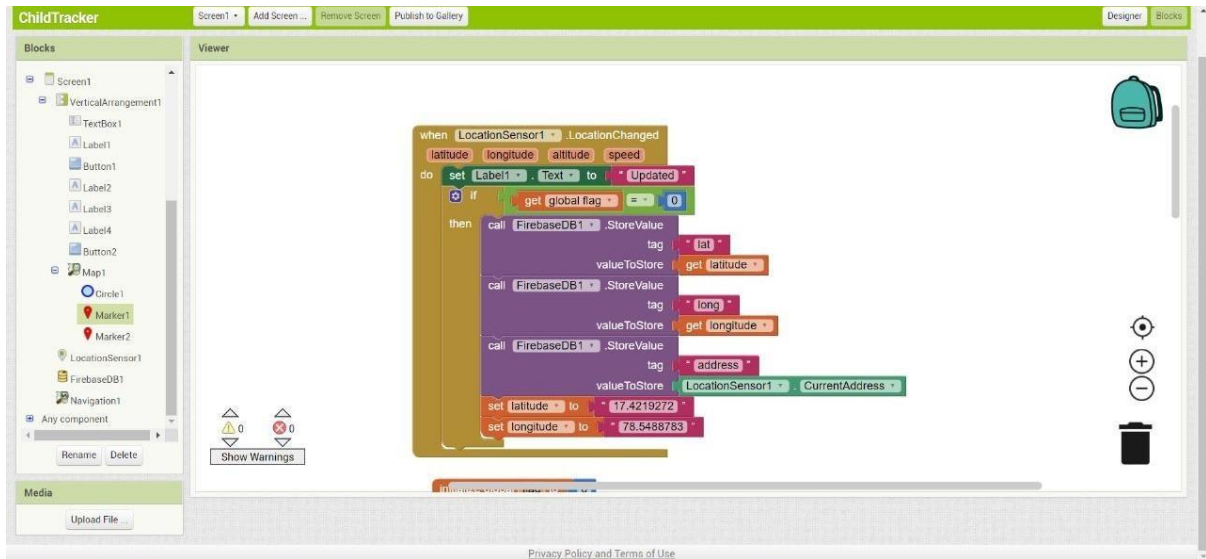
when Button1.Click

do

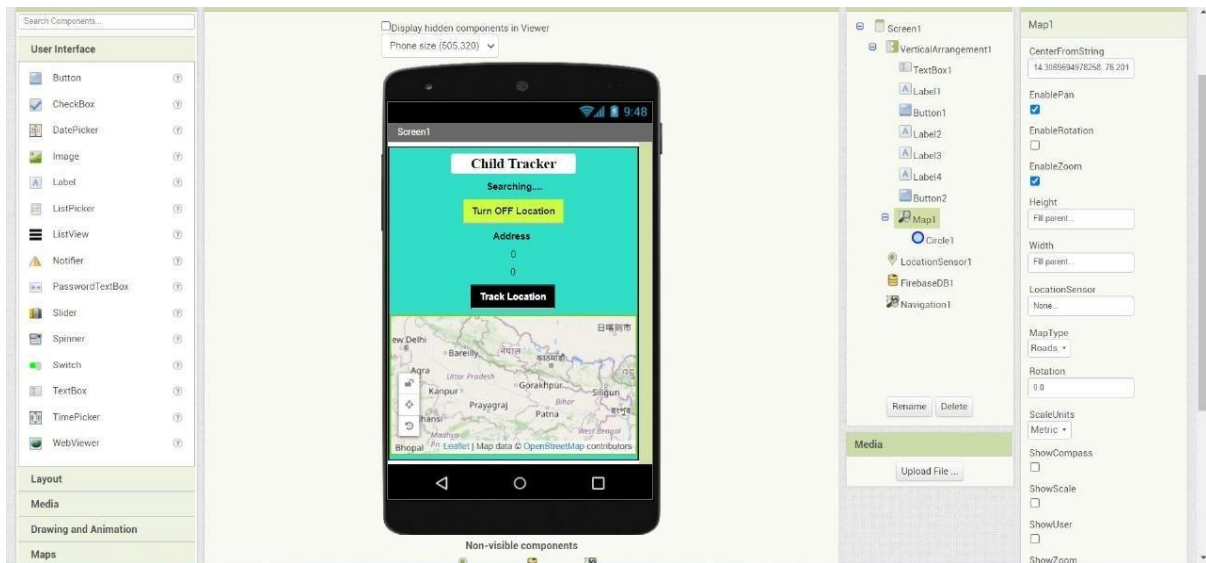
- if get global flag = 0
- then
 - set global flag to 1
 - set Button1.BackgroundColor to red
 - set Button1.Text to Turn ON Location
- else
 - set global flag to 0
 - set Button1.BackgroundColor to green
 - set Button1.Text to Turn OFF Location

Show Warnings

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Output(App inventor):



Location Status:

