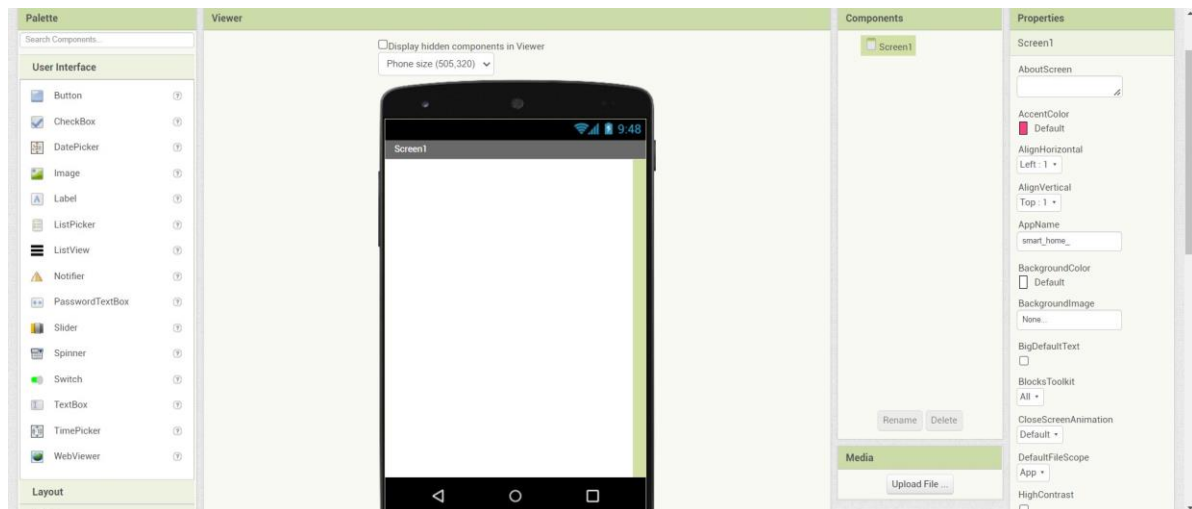# Project Development – Delivery plan sprint-4

IoT Based Safety Gadget for Child Safety Monitoring & Notification
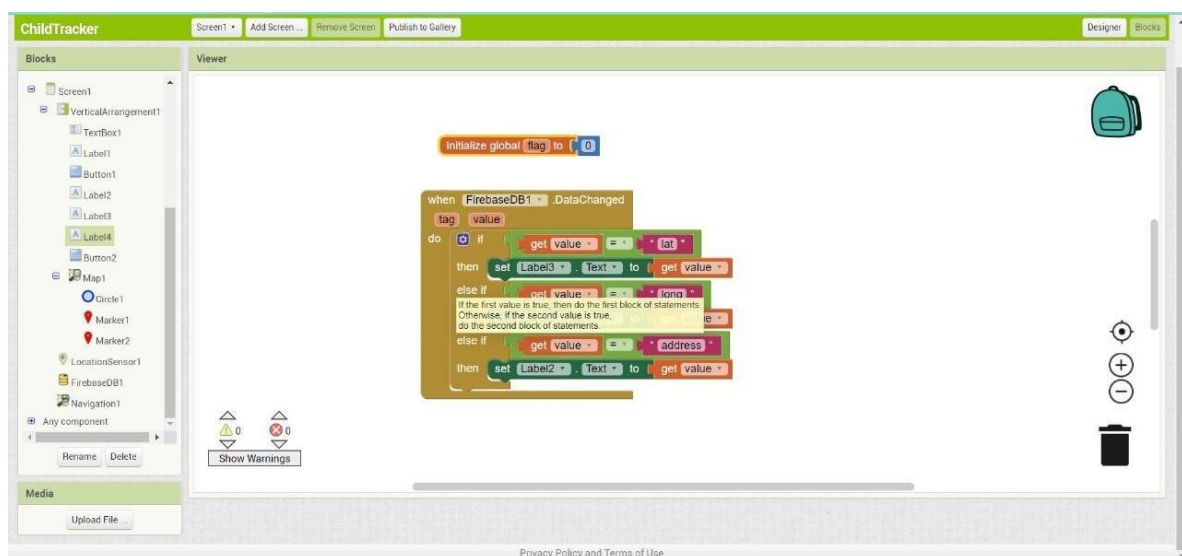
TEAM ID:PNT2022TMID20150

Creating the MIT app and Showing the child's location

Create App in MIT App inventor:

Block Configuration:

ChildTracker — Screen1

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

Blocks (first image):

```
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
```


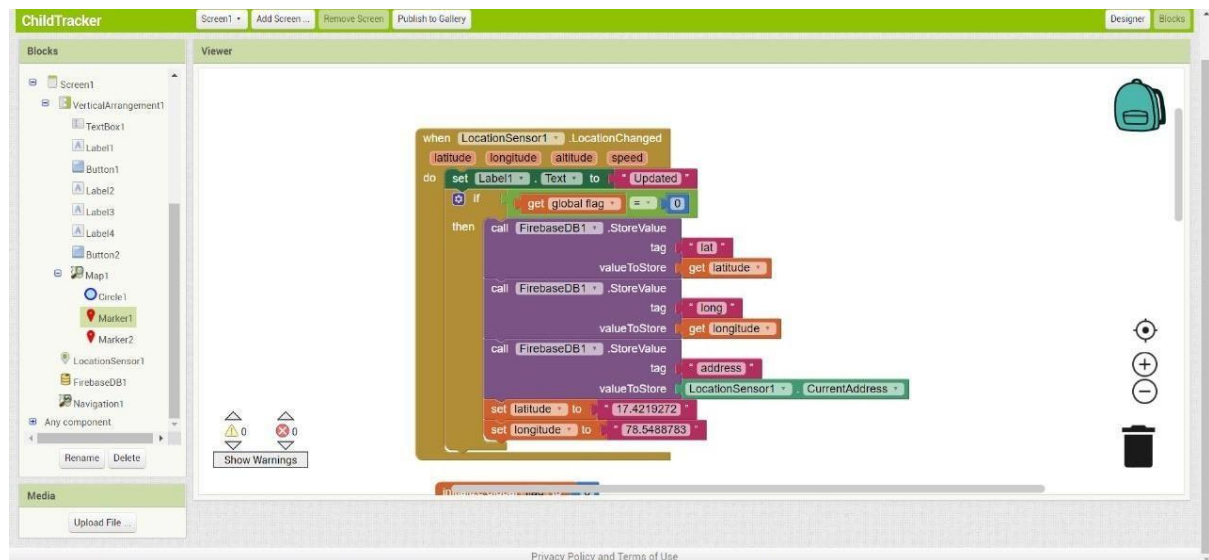**Blocks (second image):**
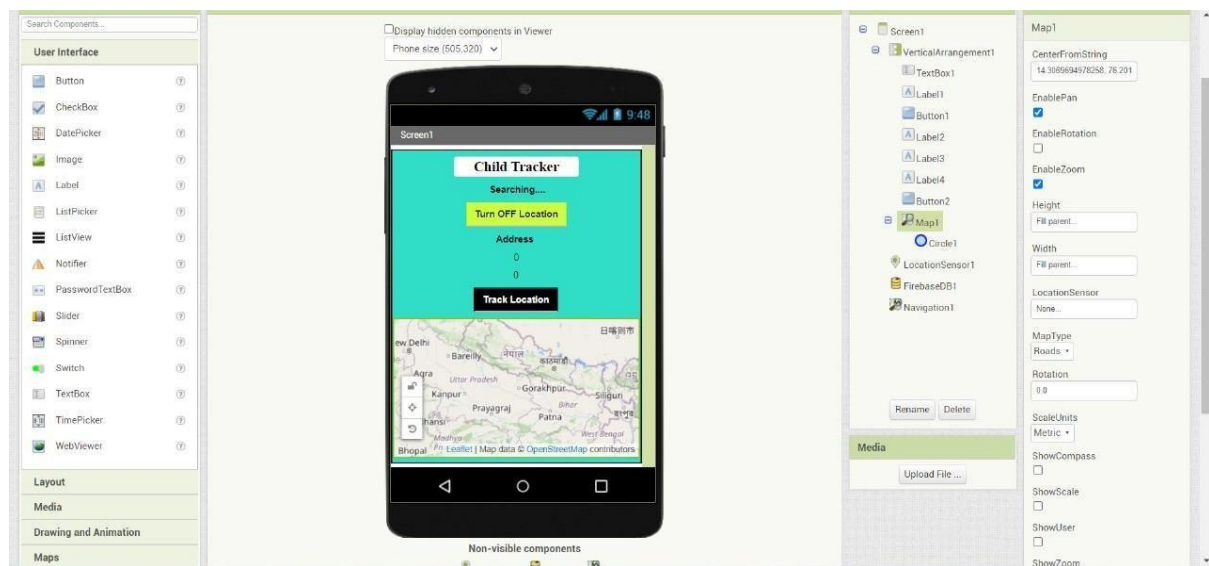
```
when Button1 .Click
do  if    get global flag = 0
    then  set global flag to 1
          set Button1 . BackgroundColor to [red]
          set Button1 . Text to " Turn ON Location "
    else  set global flag to 0
          set Button1 . BackgroundColor to [green]
          set Button1 . Text to " Turn OFF Location "
```

Output(App inventor):

Location Status: