

Class A3

The image displays two screenshots of the MIT App Inventor web interface for a project named "ACTIVITY3_DATA_UPLOAD".

The top screenshot shows the "Blocks" view. It features a "when Button1 Click" event block containing a "do" loop with three "set" blocks for "xval", "yval", and "zval" to "AccelerometerSensor1" components labeled "XAccel", "YAccel", and "ZAccel". This is followed by a "call WebViewer1 GoToUrl" block with a "url" block containing a "join" block. The "join" block concatenates a Google Forms URL with the accelerometer data. Below this, a "when AccelerometerSensor1 AccelerationChanged" event block contains an "if" block checking "get zAccel" against a value of 5. If true, it sets "Label2" to "Standing"; otherwise, it sets "Label2" to "Sitting".

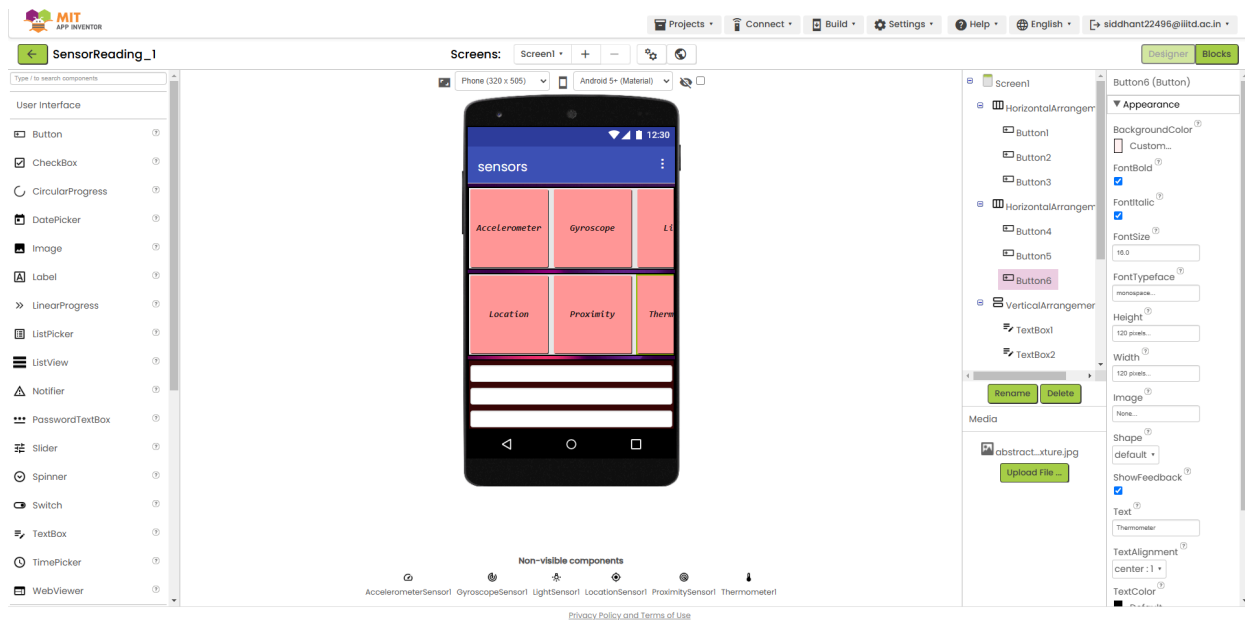
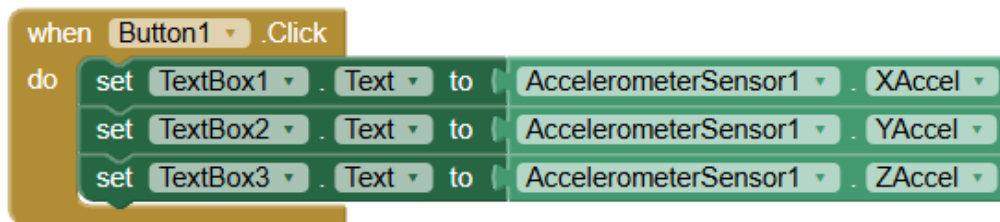
The bottom screenshot shows the "Designer" view. It displays a mobile app interface with a "ReadUpload" button, three text input fields for "xval", "yval", and "zval", and a "Read and Upload Data" button. The app is running on a simulated Android phone. The right-hand panel shows the "Screen1" properties, including appearance settings like "AboutScreen", "AlignHorizontal", "AlignVertical", "BackgroundColor", "BackgroundImage", "BigDefaultText", "CloseScreenAnimation", "HighContrast", "OpenScreenAnimation", "ScreenOrientation", "Scrollable", "ShowStatusBar", and "Title".

https://docs.google.com/forms/d/e/1FAIpQLSdgDf-ZIXweD8RIUR-Kh_aRaMKwaOPQ6wG6arfO_hH_JpuDzNA/viewform?usp=pp_url&entry.1155114773=BALI&entry.150586709=BALI&entry.222009010=BALI&entry.1787178338=BALI

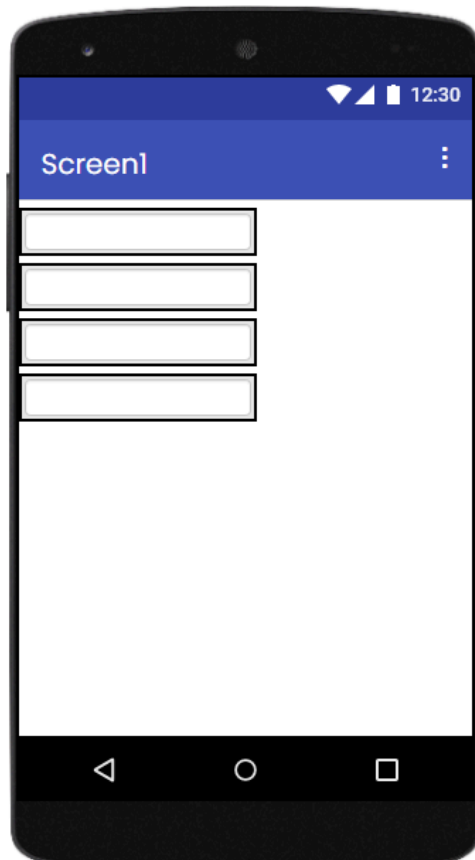
https://docs.google.com/forms/d/e/1FAIpQLSdgDf-ZIXweD8RIUR-Kh_aRaMKwaOPQ6wG6arfO hH_JpuDzNA/formResponse?submit=Submit?usp=pp_url&entry.1155114773=BALI&entry.150586709=BALI&entry.222009010=BALI&entry.1787178338=BALI

https://docs.google.com/forms/d/e/1FAIpQLSf9N0pIMl5hTn6fHDE5fsBuPSOsjqPSJ7EHnkjwUc0hfLZ2ew/formResponse?submit=Submit?usp=pp_url&entry.12540379=yourRoll&entry.843881258=datax&entry.436787372=datay&entry.1128463996=dataz

Class A2



Class A1



Non-visible components



AccelerometerSensor1

```
set global cx to  
set global cy to  
set global cz to  
if  
then  
else
```

```
initialize global prevx to 0  
initialize global prevy to 0  
initialize global prevz to 0  
initialize global vx to 0  
initialize global vy to 0  
initialize global vz to 0
```

```
when AccelerometerSensor1 → AccelerationChanged  
doAccelerometer → yAccelerometer → zAccelerometer  
do  
if  
if AccelerometerSensor1 → xAccelerometer → 2.0 get global prevx and  
AccelerometerSensor1 → yAccelerometer → 2.0 get global prevy and  
AccelerometerSensor1 → zAccelerometer → 2.0 get global prevz  
then  
else
```

^ ^