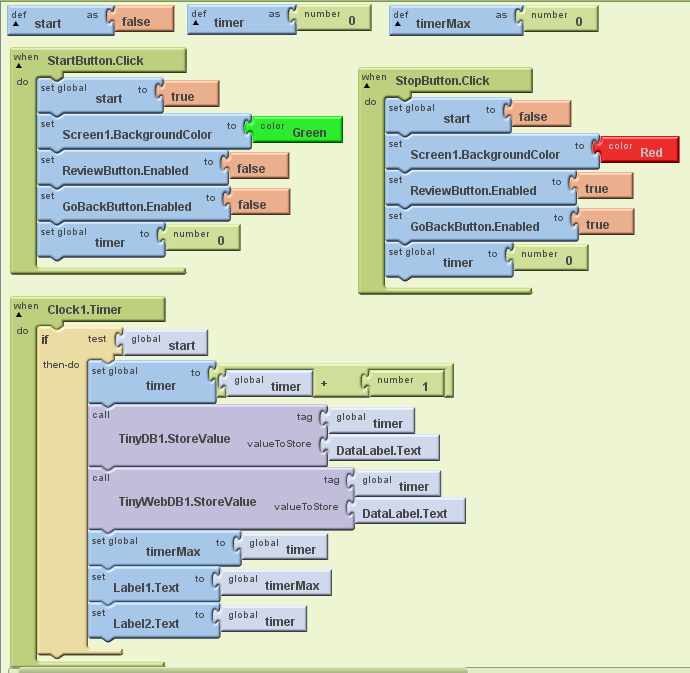
**Example of Pseudo-code from the Accelerometer App written in MIT’s App Inventor** Programming Language:

The image below shows a piece of code written in MIT’s App Inventor language. The purpose of the code is to measure acceleration readings from the device and store the values in a database with as a key and value ordered pair (time and acceleration). The pseudo code that could be written as a plan for this is included below the image.

make new variables with given initial values:  
 start = false  
 timer = 0  
 timerMax = 0

When the StartButton is clicked:  
 set start to true  
 set Screen1 background to green  
 disable ReviewButton  
 disable GoBackButon  
 set timer = 0

When the StopButton is clicked:  
 set start to false  
 set Screen1 background to red  
 enable ReviewButton  
 enable GoBackButon  
 set timer = 0

When Clock1 advances time:  
 if start is true, do the following:  
 increment time by +1  
 make entry in TinyDB1 with an ordered pair (timer, DataLabel text)  
 make entry in TinyWebDB1 with an ordered pair (timer, DataLabel text)  
 set timerMax = time  
 set Label1 text = timerMax  
 set Label2 text = timer