

Unit Test Report

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Module: Accelerometer

Product: Digital Cookbook,

Team: "Too many cooks", December 2nd 2019

Module Accelerometer:

Function onSensorChanged: Accepts a motion event and, if valid, triggers buttons elsewhere

Equivalence Class	Description	Example Values
ECV	Valid movement	"Toast: Device was moved in the X axis", "Toast: Device was moved in the Z axis"
ECIV	Invalid movement/base gravity in the Y axis	Null, ("Device was moved" message repeatedly every half second)
ECVF	Movement before TTS button is pressed	Null, ("Toast: Device was moved in the X axis", "Toast: Device was moved in the Z axis"

Testing: Tests were run by testing different values of validation for the X and Z axis, and then moving the phone both on an emulator and on a physical device. The Android Studio Logcat and Toast messages were used to print out return values based on if the device was moved or not.

