



## CS 442: Mobile Applications Development

### Week 11

#### CountdownTimer

<https://developer.android.com/reference/android/os/CountDownTimer>

Example shown in Android Studio

#### Dynamic Menus and SubMenus

Example shown in Android Studio

#### Broadcasts and BroadcastReceivers and Intent Filters

<https://developer.android.com/guide/components/broadcasts.html>

<https://developer.android.com/guide/components/intents-filters.html>

<https://developer.android.com/reference/android/content/BroadcastReceiver.html>

Example shown in Android Studio

#### Services & Activities and Broadcasts

Example shown in Android Studio

#### Sensors

[https://developer.android.com/guide/topics/sensors/sensors\\_position.html](https://developer.android.com/guide/topics/sensors/sensors_position.html)

[https://developer.android.com/guide/topics/sensors/sensors\\_overview.html](https://developer.android.com/guide/topics/sensors/sensors_overview.html)

Example shown in Android Studio

### Assignment 4 – Know Your Government

Due in one week