



CS 442: Mobile Applications Development

Week 14

Moving Views - Gestures

<https://developer.android.com/reference/android/view/View.OnTouchListener>

<https://developer.android.com/reference/android/view/MotionEvent>

Example shown in Android Studio

Biometrics – Fingerprint Authentication

<https://developer.android.com/reference/androidx/biometric/BiometricPrompt>

<https://developer.android.com/reference/android/hardware/biometrics/BiometricManager>

Example shown in Android Studio

Sensors

https://developer.android.com/guide/topics/sensors/sensors_position.html

https://developer.android.com/guide/topics/sensors/sensors_overview.html

Example shown in Android Studio

Google Play Store

<https://developer.android.com/studio/publish/index.html>

<https://developer.android.com/studio/publish/preparing.html>

<https://developer.android.com/studio/publish/versioning.html>

<https://developer.android.com/studio/publish/app-signing.html>

Example shown in Android Studio

View Animation

<https://developer.android.com/training/animation/overview.html>

<https://developer.android.com/guide/topics/graphics/view-animation.html>

<https://developer.android.com/training/animation/index.html>

https://opengameart.org/sites/default/files/Preview_64.png

<https://developer.android.com/guide/topics/graphics/prop-animation.html>

Example shown in Android Studio



Potential Future Topics

Android Wear (apps for android watches)

<https://developer.android.com/wear/>

Google Ads - AdMob (Mobile Ads SDK)

<https://developers.google.com/admob/android/quick-start>

Gaming Frameworks - Corona (2D), Unity (3D)

<https://coronalabs.com/>

<https://unity3d.com/>

Google Flutter

<https://flutter.io/>

Assignment 5 – News Gateway
DUE – 12/1, by 11:59pm