



CS 442: Mobile Applications Development

Week 13

Fragments

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

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

<https://developer.android.com/reference/android/app/Fragment.html>

Example shown in Android Studio

App Widgets

<https://developer.android.com/design/patterns/widgets.html>

<https://developer.android.com/guide/topics/appwidgets/index.html>

https://developer.android.com/guide/practices/ui_guidelines/widget_design.html

Example shown in Android Studio

Supporting Different Languages and Cultures

<https://developer.android.com/training/basics/supporting-devices/languages.html>

<https://developer.android.com/guide/topics/resources/localization.html>

<https://developer.android.com/guide/topics/resources/multilingual-support.html>

Example shown in Android Studio

Flashlight App with Switch and Vibration Example

<https://developer.android.com/reference/android/widget/Switch>

<https://developer.android.com/reference/android/content/pm/PackageManager>

<https://developer.android.com/reference/android/hardware/camera2/CameraManager>

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

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

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

Assignment 5 – IIT News Gateway
DUE – 5/7, by 4:30pm