

# Mobile Apps Development for Journalists

Week 11 - Fall 2019  
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# Agenda

- Mobile Web and Responsive Design
- App Store Review Guidelines
- Low Fidelity Design with Balsamiq Cloud
- Mobile App Design
- In Class Time for Assignments

# Responsive Design

- Media Queries
- CSS
- [https://developer.mozilla.org/en-US/docs/Learn/CSS/CSS\\_layout/Responsive\\_Design](https://developer.mozilla.org/en-US/docs/Learn/CSS/CSS_layout/Responsive_Design)
- <https://getbootstrap.com/>

# App Store Review Guidelines

- <https://developer.apple.com/app-store/review/guidelines/>
- <https://play.google.com/about/developer-content-policy/>

# Low Fidelity Design

- Wireframing
- Paper Prototypes
- Balsamiq Mockups

# Balsamiq Exercise

- Sign up for the free 30-day trial
- Then try and create two mockups
- Instagram as a mobile application
- Yelp as a desktop web site

# Mobile App Design

- Chapter 6 in **App Development with Swift**
- iOS Human Design Guidelines
- <https://developer.apple.com/ios/human-interface-guidelines/overview/themes/>

# iOS Design

- <https://developer.apple.com/design/>
- Design Videos - <https://developer.apple.com/videos/design/>



# Android App UI

- Gingerbread (Android 2.3) - <http://developer.android.com/about/versions/android-2.3-highlights.html>
- Honeycomb (Android 3.x) - <http://developer.android.com/about/versions/android-3.0-highlights.html>
- Ice Cream Sandwich (Android 4.x) - <http://developer.android.com/about/versions/android-4.0-highlights.html>
- Lollipop (Android 5.x) - <http://developer.android.com/about/versions/lollipop.html>
- Marshmallow (Android 6.x) - <https://developer.android.com/about/versions/marshmallow/index.html>
- Nougat (Android 7.x) - <https://developer.android.com/about/versions/nougat/index.html>
- Oreo (Android 8.x) - <https://developer.android.com/about/versions/oreo/index.html>
- Pie (Android 9.x) - <https://developer.android.com/about/versions/pie/android-9.0>

# Android - Material Design

- Across Mobile and Web
- <https://developer.android.com/design/material/index.html>
- <https://material.google.com/>
- Video - <https://www.youtube.com/watch?v=p4gmVHyuZzw>

# More about Android Design

- <https://developer.android.com/design/index.html>

# Design inspiration

- <https://dribbble.com/>
- <http://inspired-ui.com/>
- Screenshots on the App Store

# Design Resources

- MediaLoot - User Interface Elements - <http://medialoot.com/>
- Envato - Everything - <http://market.envato.com/>
- Google Fonts - Fonts - <https://fonts.google.com/>
- Adobe Color CC - Colors - <https://color.adobe.com>
- Noun Project - Icons - <https://thenounproject.com/>
- Tethr - App Template - <https://www.invisionapp.com/tethr>

# Design Tools

- Sketch
- Adobe xD
- Adobe Illustrator/Photoshop CC
- Figma
- InvisionApp

# Adobe xD

- It's free! You will need an Adobe account though
- <https://medium.com/drill/learning-the-basics-of-adobe-xd-in-one-hour-3537f3ac02a3>
- <https://helpx.adobe.com/xd/tutorials.html>