

Sleek Android Design

8 November 2013

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Happy 21st
Birthday
Joseph!



What we're doing today

- Good and Bad Examples
- Fragmentation
- Holo Theme + ActionBar
- Navigation Drawer
- Horizontal Navigation with ViewPager
- Color Branding
- Whitespace
- Typography
- Margins and spacing
- Tablets

What we're doing today

- Experiencing
- Simplifying
- Delighting

Fear



Delight



Visceral



Reflective



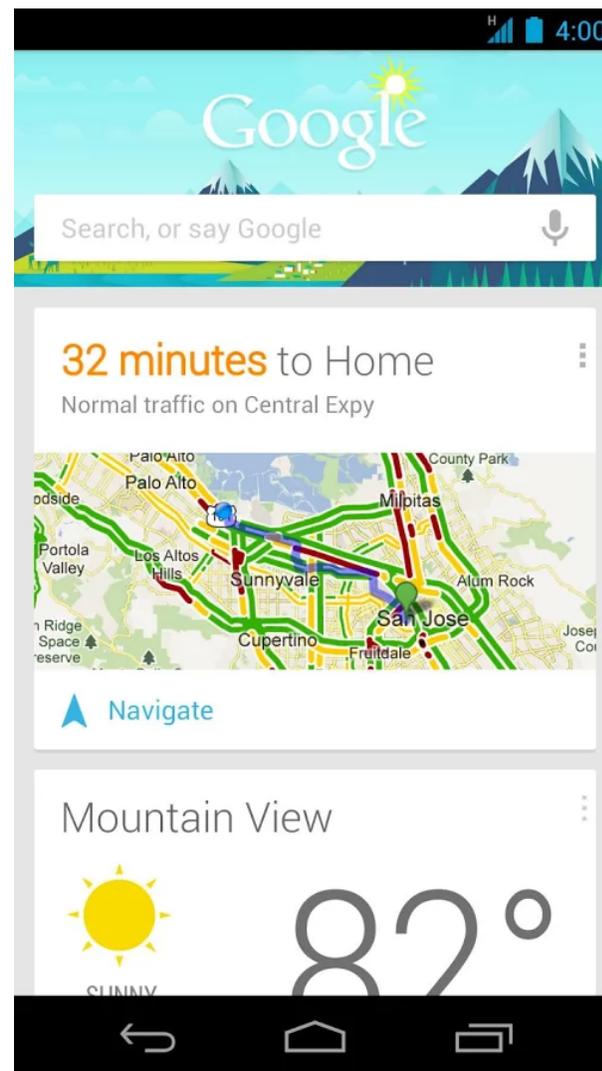
Useful



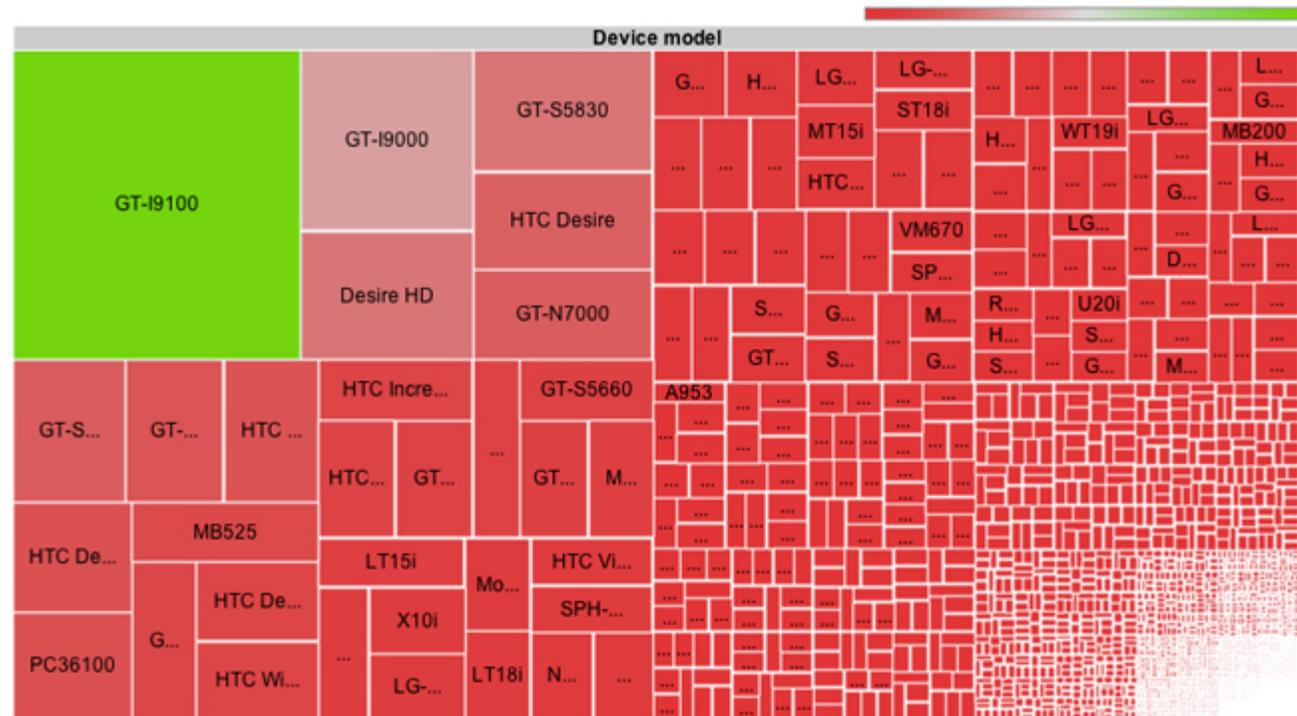
Story



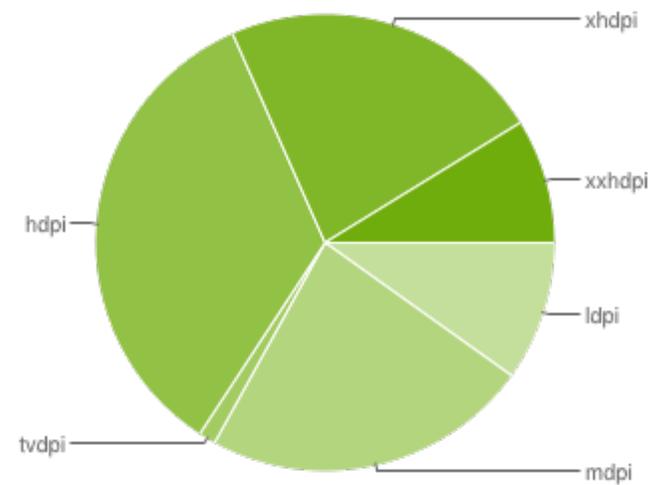
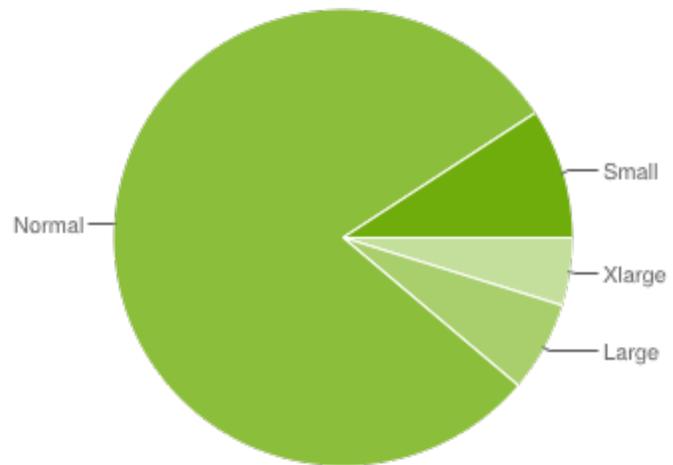
Surprise



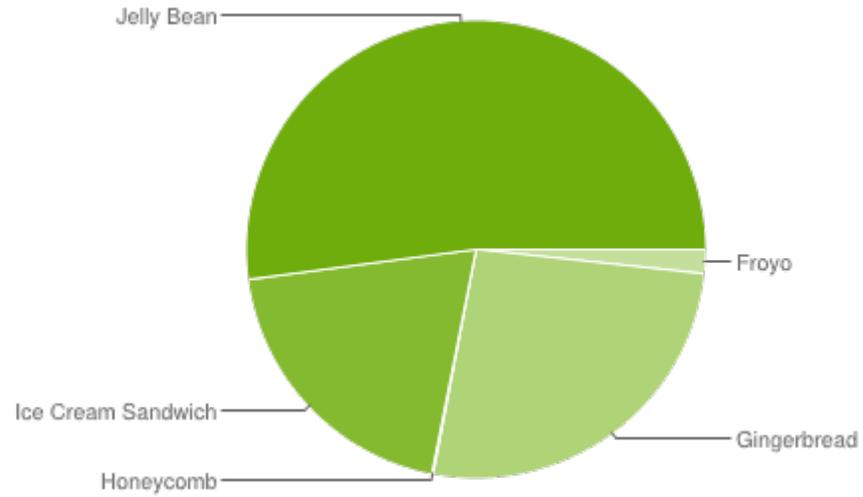
Android Fragmentation



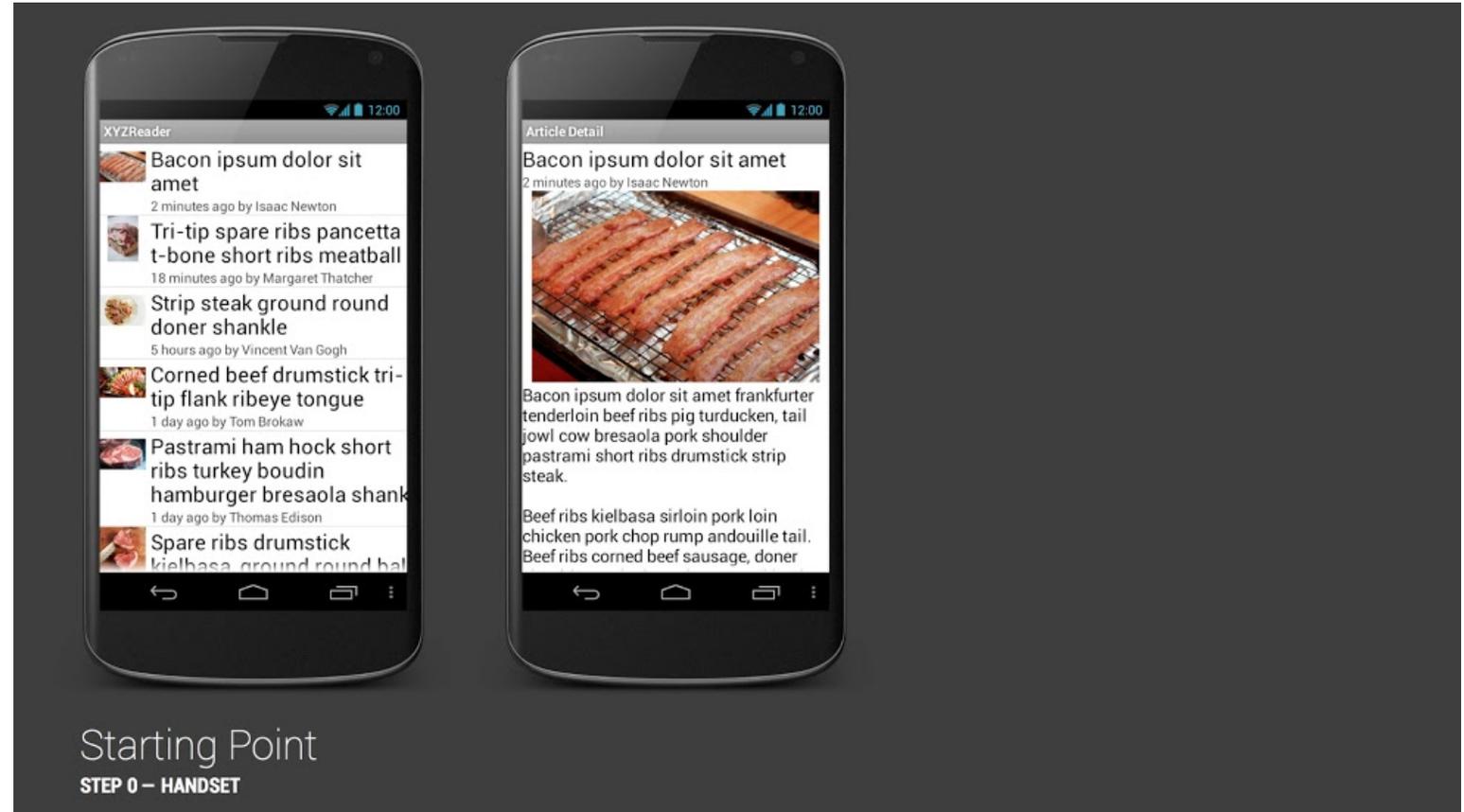
Android Fragmentation Devices



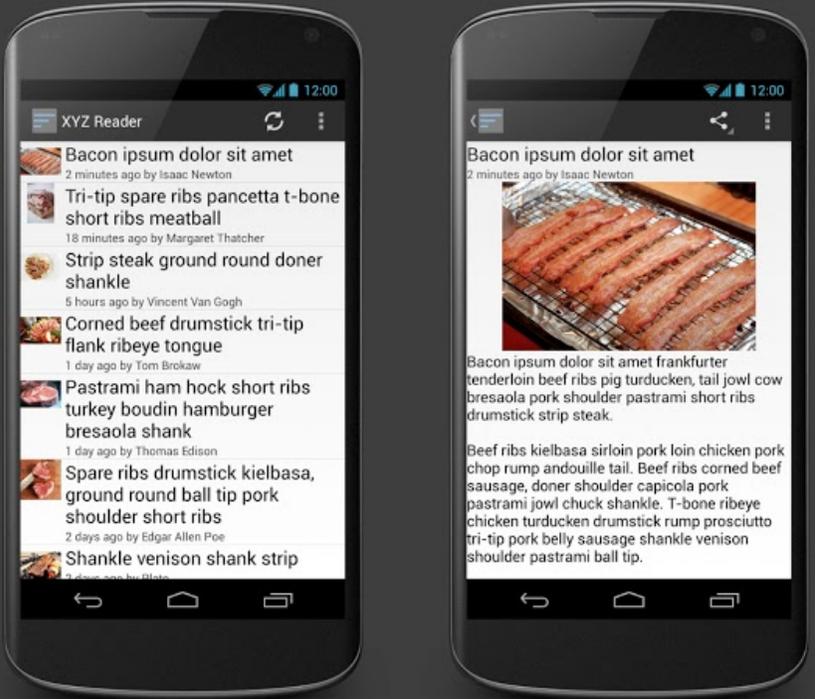
Android Fragmentation API Version



Iterative Design



Iterative Design: ActionBar



XYZ Reader

Bacon ipsum dolor sit amet
2 minutes ago by Isaac Newton

Tri-tip spare ribs pancetta t-bone
short ribs meatball
18 minutes ago by Margaret Thatcher

Strip steak ground round doner
shankle
5 hours ago by Vincent Van Gogh

Corned beef drumstick tri-tip
flank ribeye tongue
1 day ago by Tom Brokaw

Pastrami ham hock short ribs
turkey boudin hamburger
bresaola shank
1 day ago by Thomas Edison

Spare ribs drumstick kielbasa,
ground round ball tip pork
shoulder short ribs
2 days ago by Edgar Allen Poe

Shankle venison shank strip
4 days ago by Plato

Bacon ipsum dolor sit amet
2 minutes ago by Isaac Newton

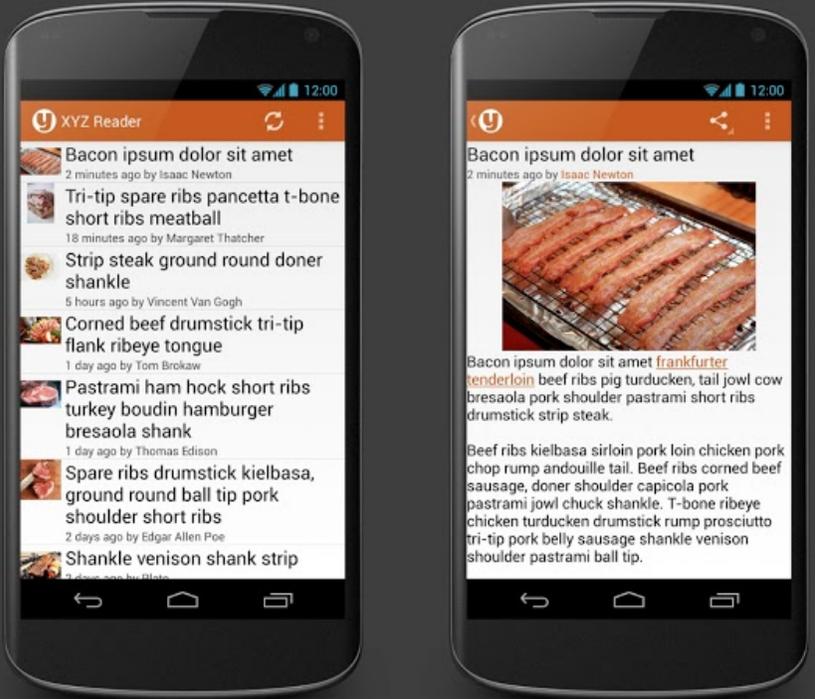
Bacon ipsum dolor sit amet frankfurter
tenderloin beef ribs pig turducken, tail jowl cow
bresaola pork shoulder pastrami short ribs
drumstick strip steak.

Beef ribs kielbasa sirloin pork loin chicken pork
chop rump andouille tail. Beef ribs corned beef
sausage, doner shoulder capicola pork
pastrami jowl chuck shankle. T-bone ribeye
chicken turducken drumstick rump prosciutto
tri-tip pork belly sausage shankle venison
shoulder pastrami ball tip.

Holo Theme + Action Bar
STEP 1 – HANDSET

FOR DEVELOPERS
android:theme = Theme.Holo.Light.DarkActionBar
android:targetSdkVersion = 17

Iterative Design: Color scheme

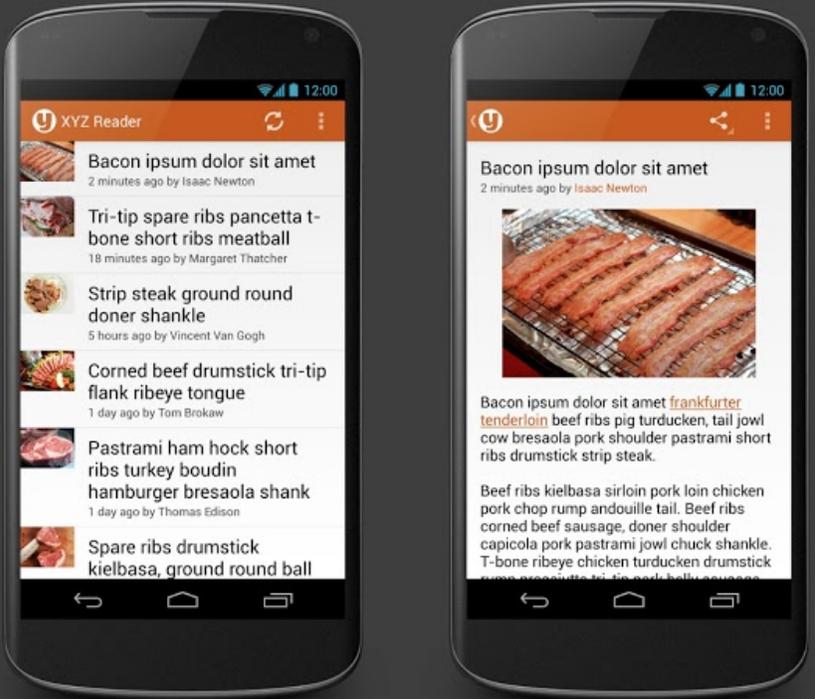


Branded Color Scheme + App Icon

STEP 2 – HANDSET

FOR DEVELOPERS
Search Google for "Action Bar Style Generator"

Iterative Design: Whitespace



XYZ Reader

Bacon ipsum dolor sit amet
2 minutes ago by Isaac Newton

Tri-tip spare ribs pancetta t-bone short ribs meatball
18 minutes ago by Margaret Thatcher

Strip steak ground round doner shankle
5 hours ago by Vincent Van Gogh

Corned beef drumstick tri-tip flank ribeye tongue
1 day ago by Tom Brokaw

Pastrami ham hock short ribs turkey boudin hamburger bresaola shank
1 day ago by Thomas Edison

Spare ribs drumstick kielbasa, ground round ball

Bacon ipsum dolor sit amet
2 minutes ago by Isaac Newton

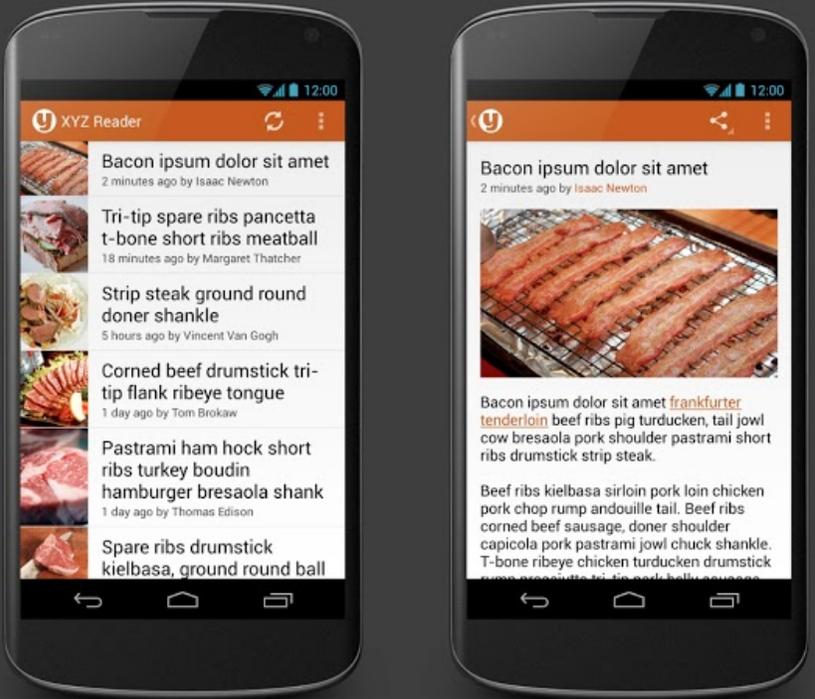
Bacon ipsum dolor sit amet [frankfurter](#) [tenderloin](#) beef ribs pig turducken, tail jowl cow bresaola pork shoulder pastrami short ribs drumstick strip steak.

Beef ribs kielbasa sirloin pork loin chicken pork chop rump andouille tail. Beef ribs corned beef sausage, doner shoulder capicola pork pastrami jowl chuck shankle. T-bone ribeye chicken turducken drumstick

Whitespace (Margins + Spacing)
STEP 3 – HANDSET

[MORE INFO](#)
48dp Rhythm on developer.android.com/design

Iterative Design: Thumbnails

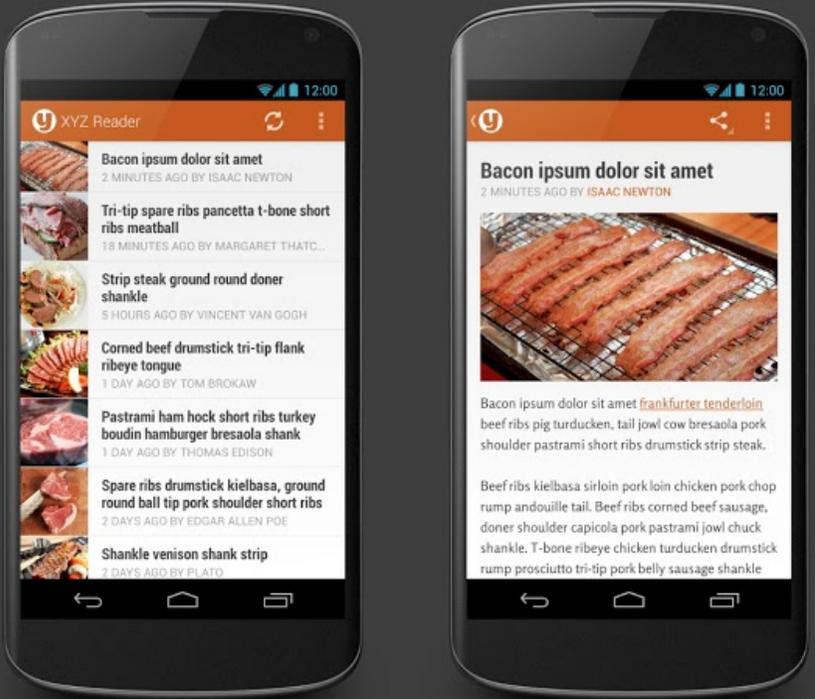


Thumbnail + Photo Treatment

STEP 4 – HANDSET

FOR DEVELOPERS
`android:scaleType = centerCrop`

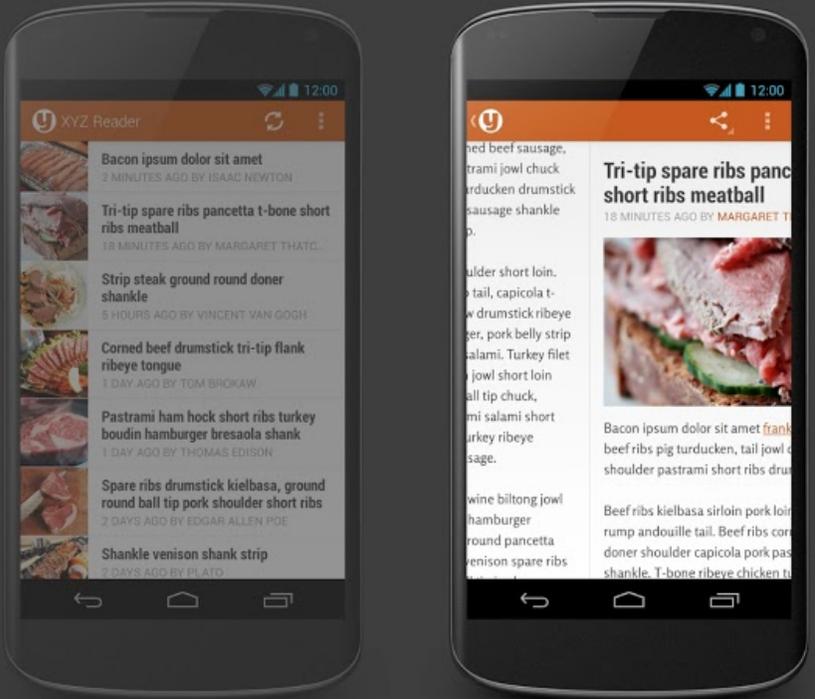
Iterative Design: Typography



Typography
STEP 5 – HANDSET

FOR DEVELOPERS
`android:fontFamily = sans-serif-condensed (or -light)`
`android:lineSpacingMultiplier`

Iterative Design: Swipe Views

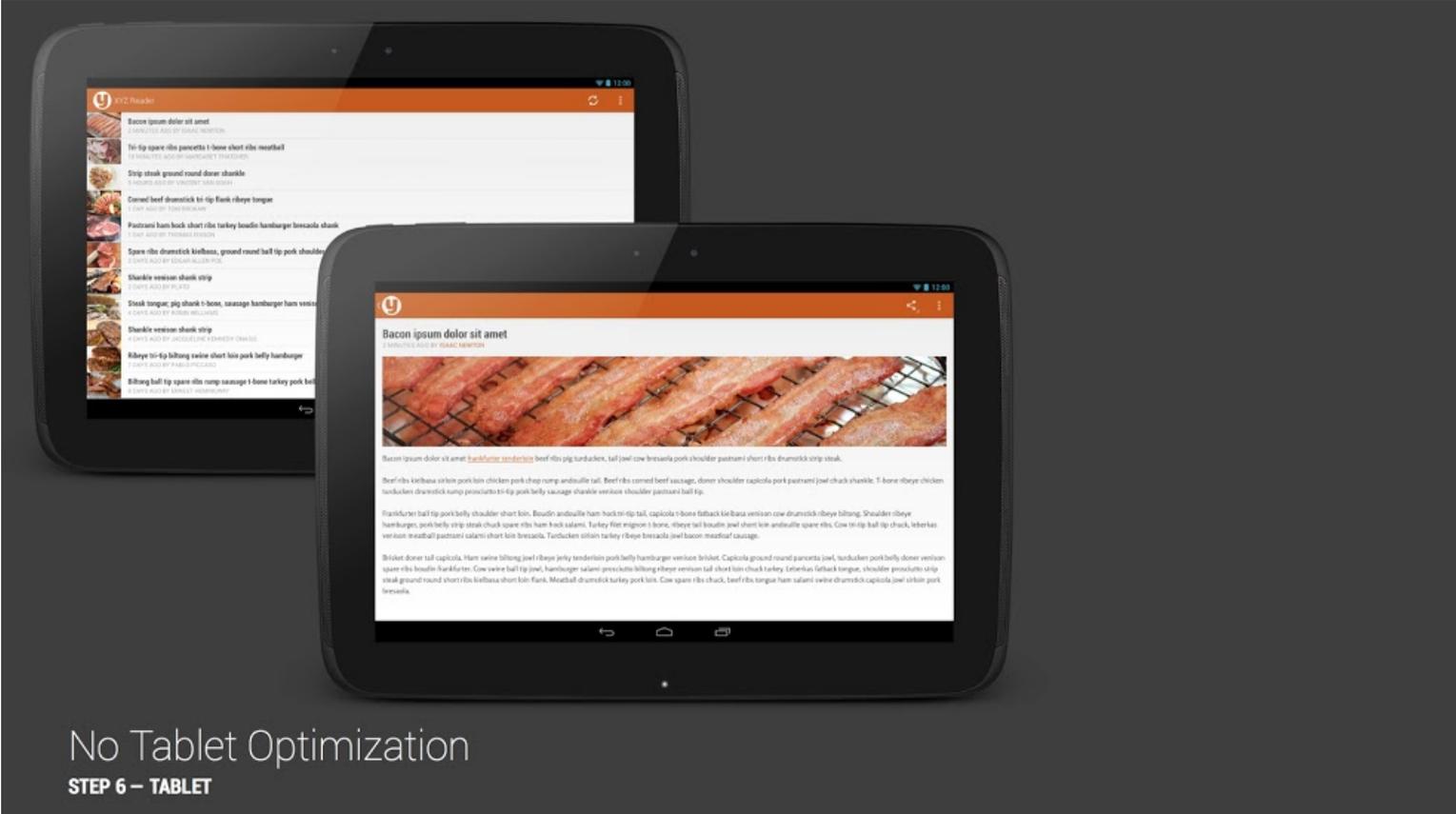


The image shows two smartphones side-by-side on a dark background. The left smartphone displays a list of items in an application titled 'XYZ Reader'. Each item has a small image on the left and text on the right, including a title, time, and author. The right smartphone displays a detailed view of one item, 'Tri-tip spare ribs pancetta short ribs meatball', with a large image and text. Below the smartphones, the text 'Swipe Views' and 'STEP 6 - HANDSET' is visible. To the right, there is a blue arrow pointing left and the text 'FOR DEVELOPERS ViewPager (Android Support Library)'.

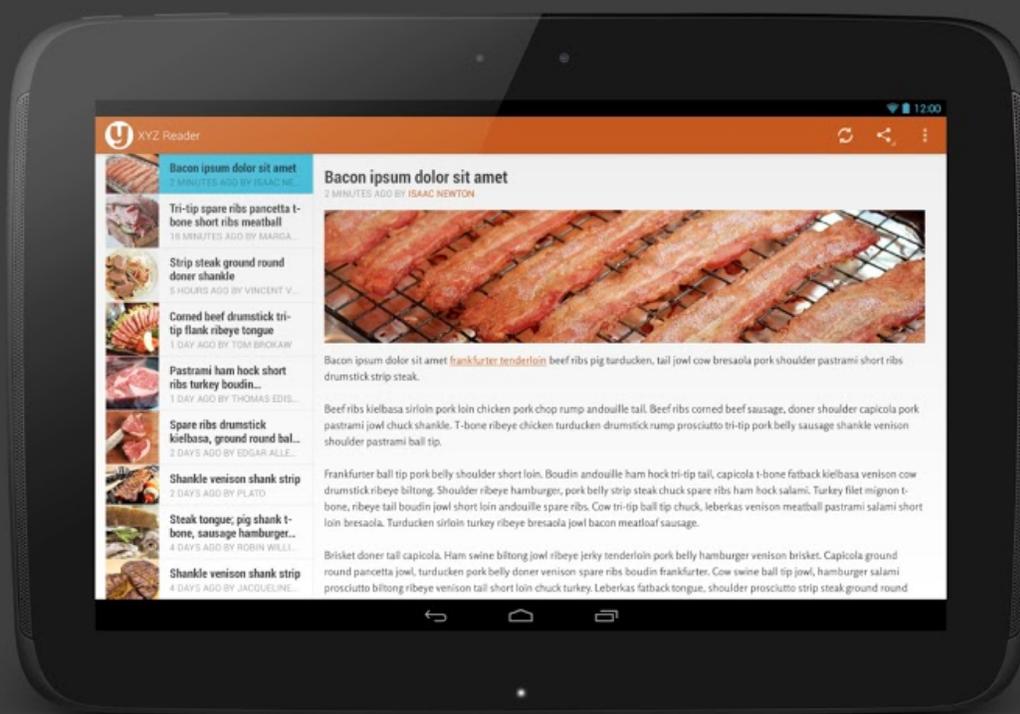
Swipe Views
STEP 6 - HANDSET

FOR DEVELOPERS
ViewPager (Android Support Library)

Iterative Design: Responsive



Iterative Design: Responsive

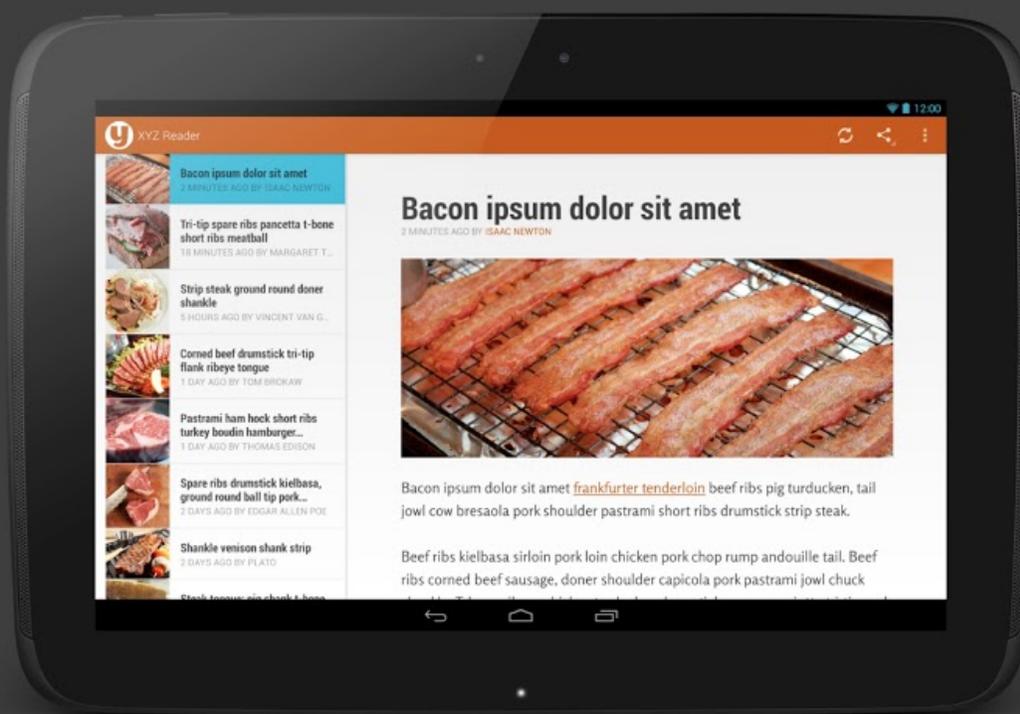


The image shows a tablet displaying a two-pane user interface for a recipe application. The left pane contains a list of recipe cards, each with a small image and text. The right pane shows a detailed view of a selected recipe, including a large image of the dish and a list of ingredients. The interface is designed to be responsive, adapting to the tablet's screen size.

Two-pane UI
STEP 7 – TABLET

FOR DEVELOPERS
Designing for Multiple Screens and
Building a Dynamic UI with Fragments (Android Training)

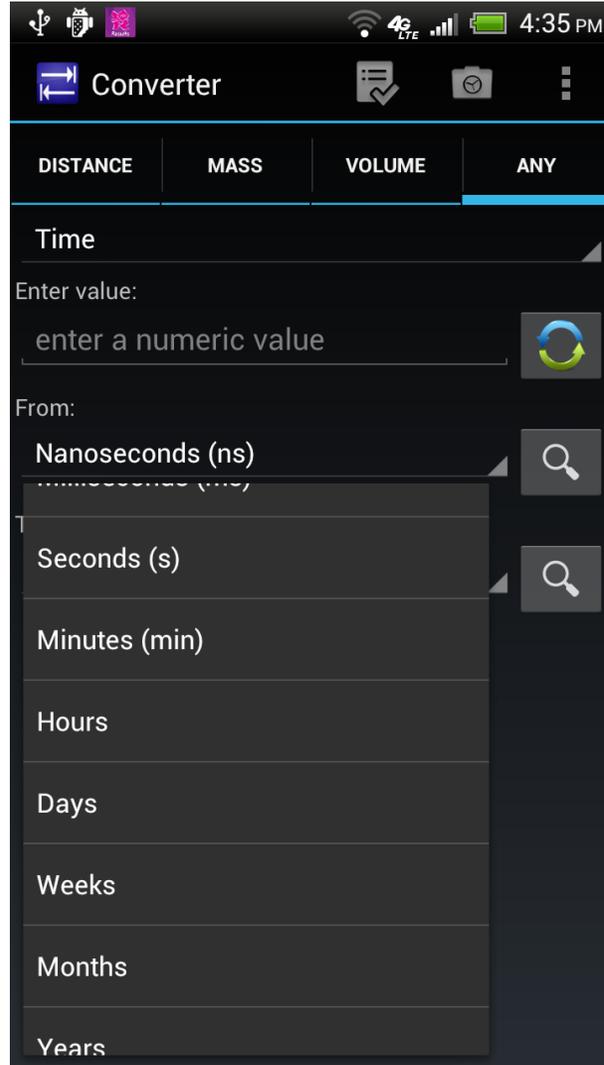
Iterative Design: Responsive



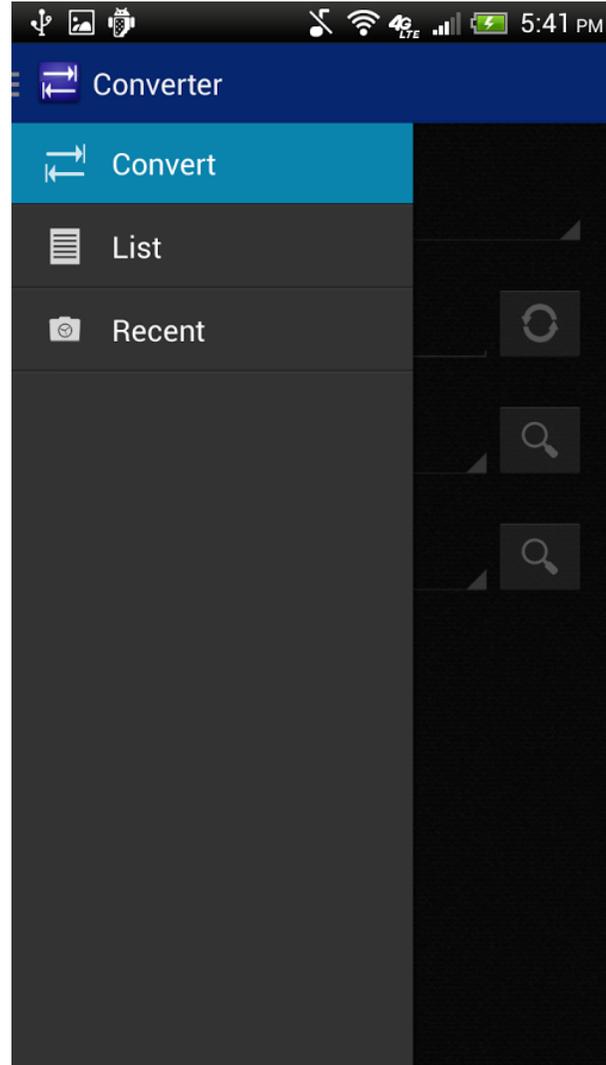
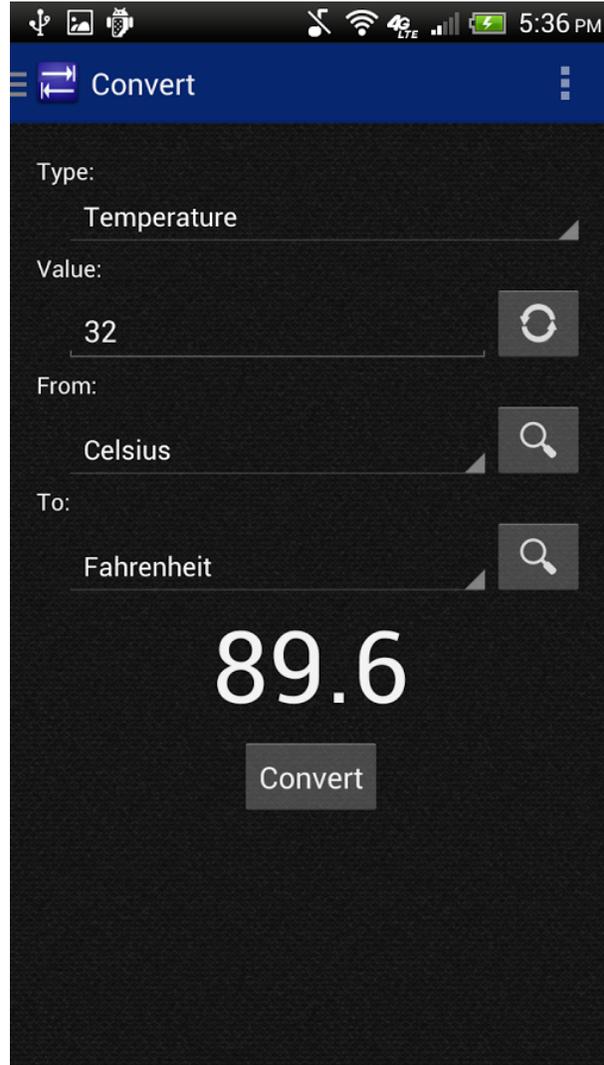
Metrics Optimizations for Tablets
STEP 8 – TABLET

FOR DEVELOPERS
res/values/dimens.xml (Handset)
res/values-sw600dp/dimens.xml (7") -sw720dp (10")

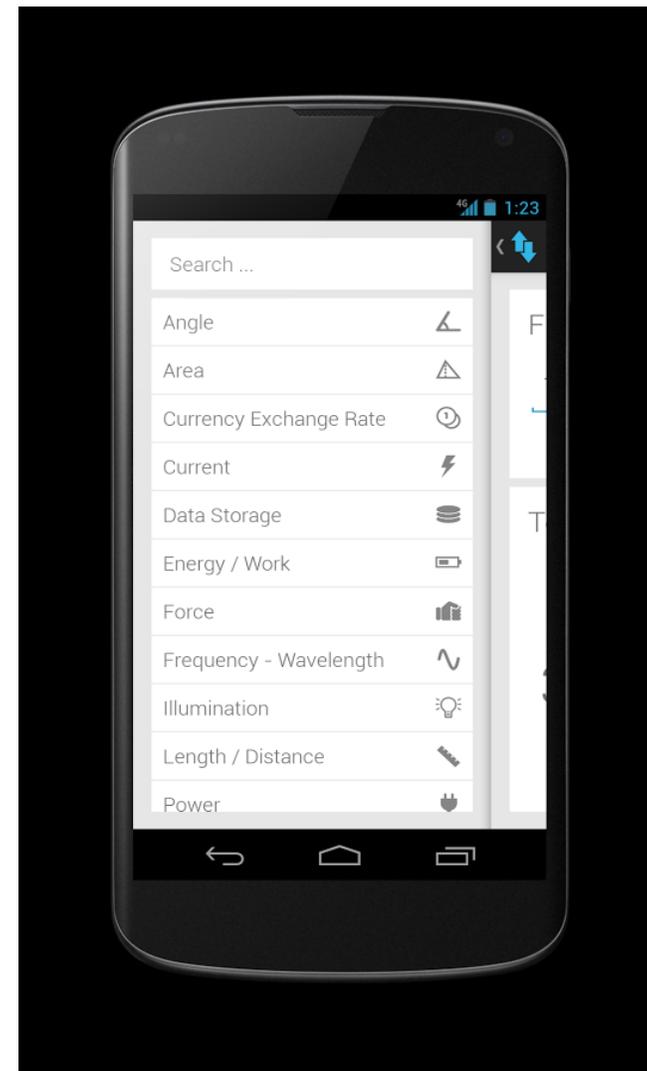
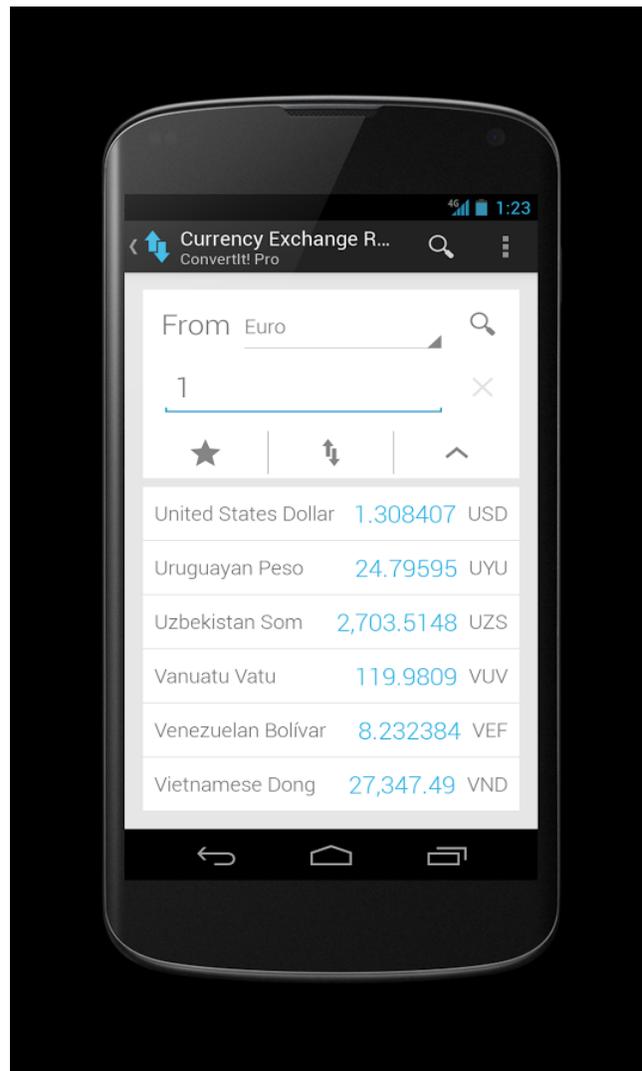
Bad [converter]



Better [converter]



Great [converter]



V1 Sports: Branding



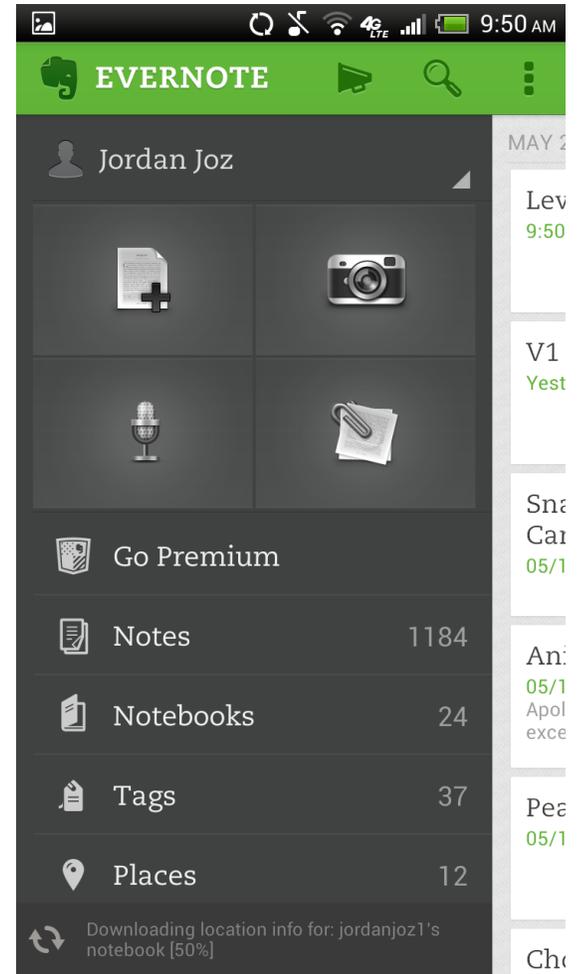
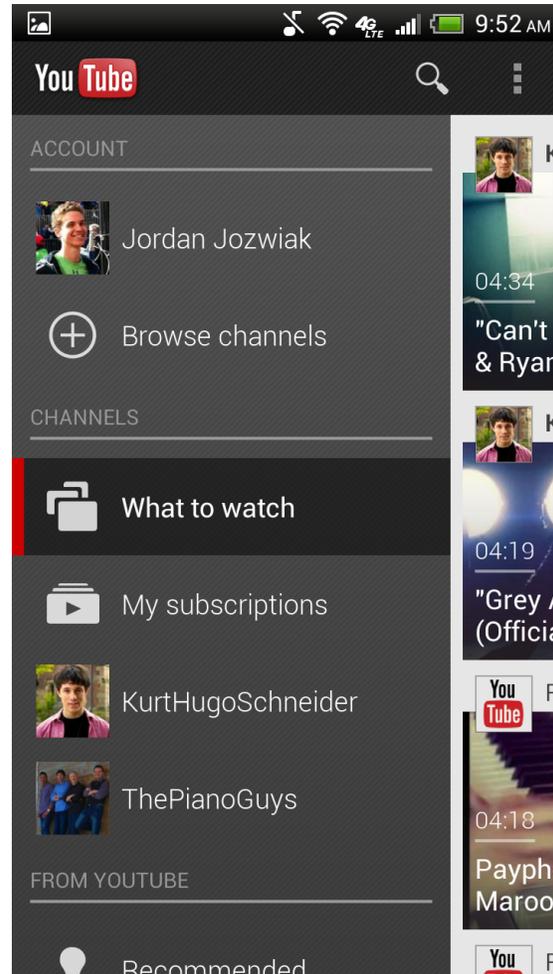
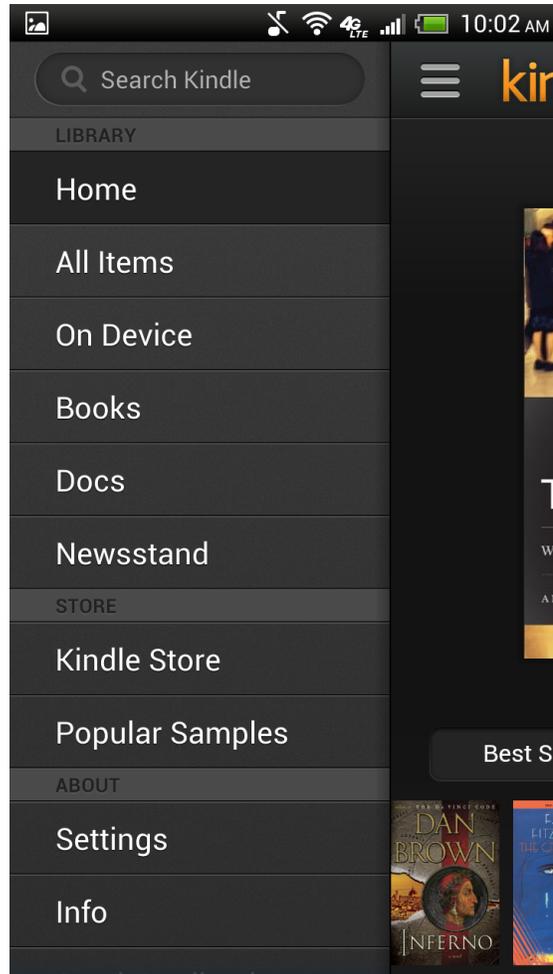
ActionBar



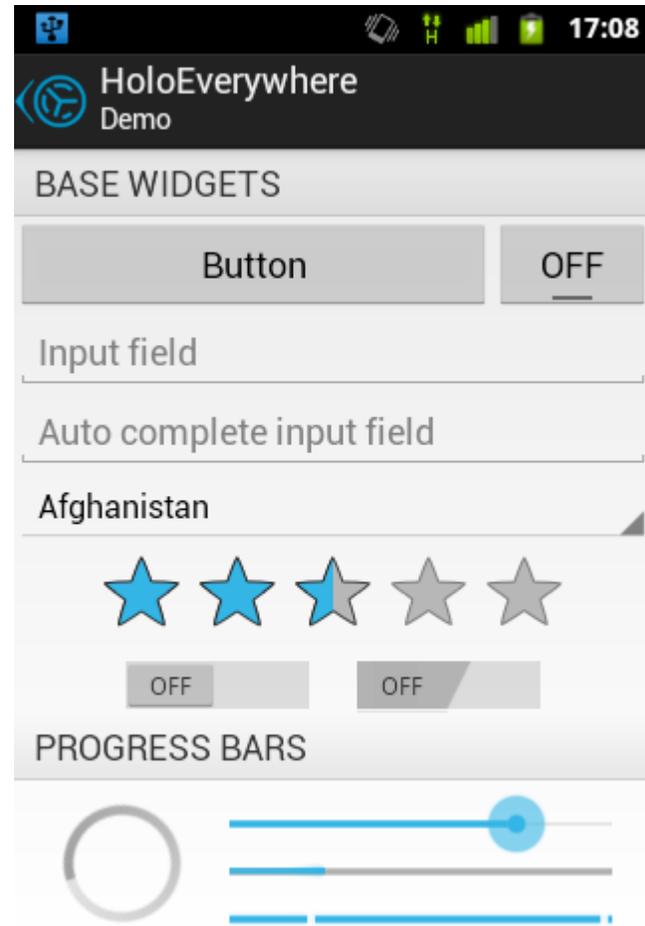
Navigation Drawer



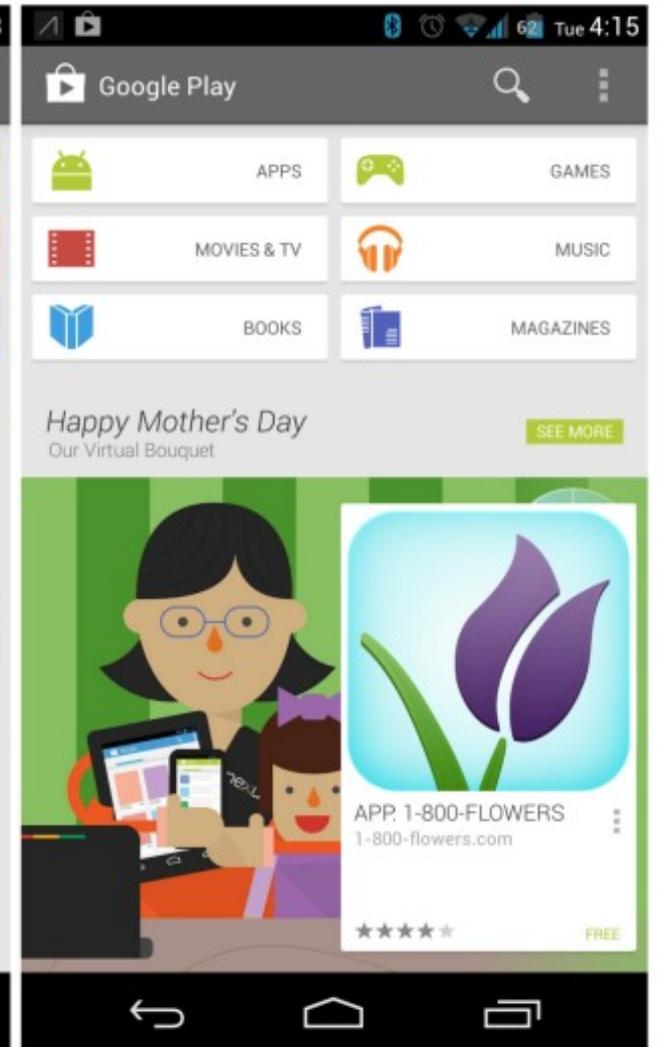
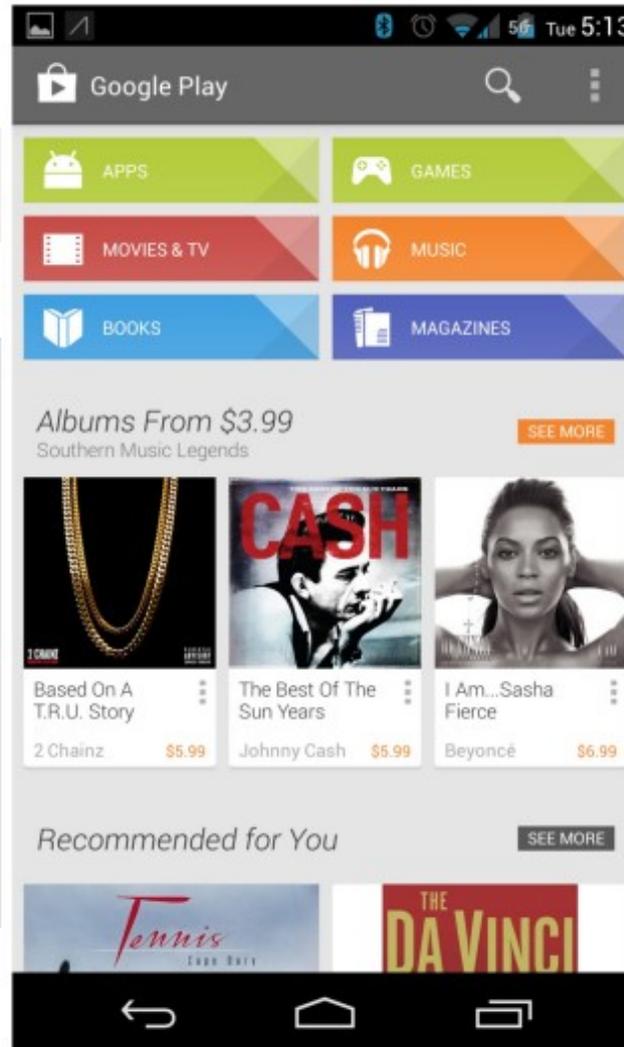
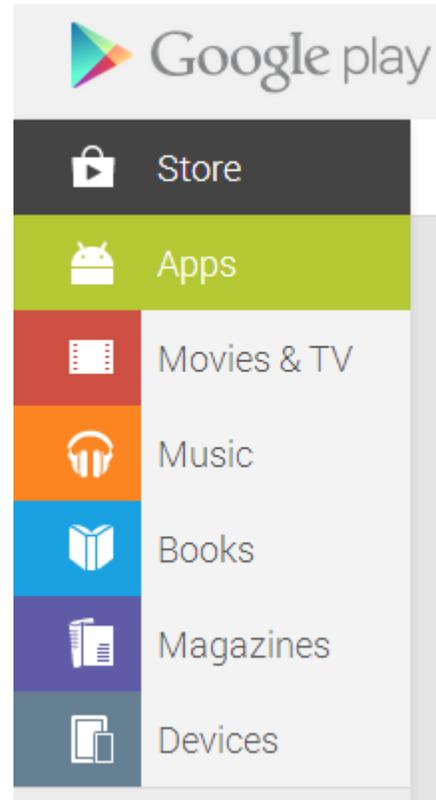
Navigation Drawer Examples



Holo Everywhere



Branding

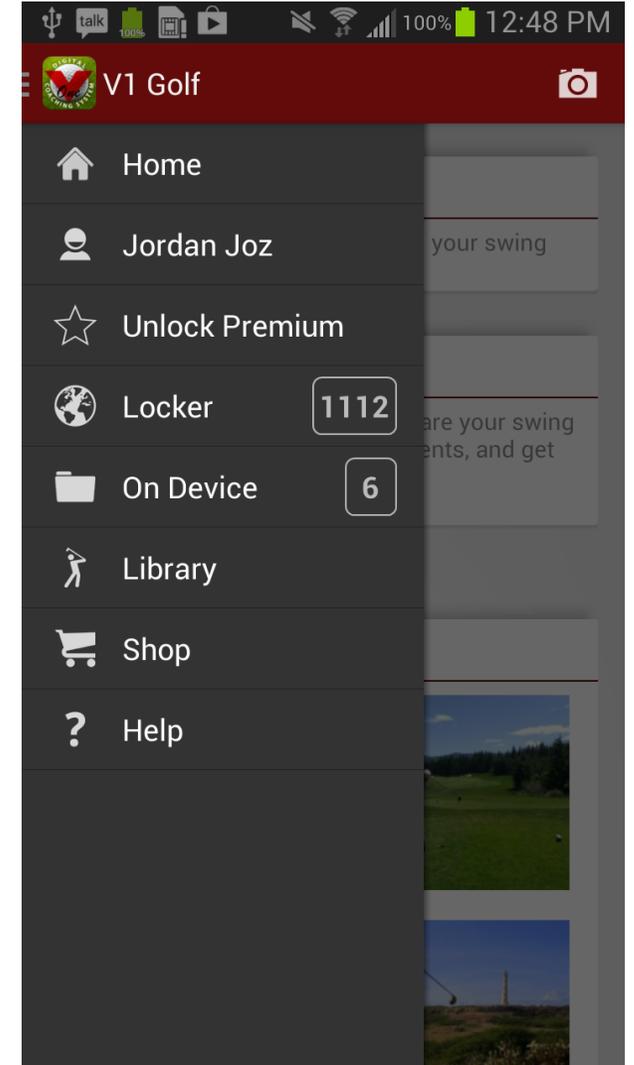
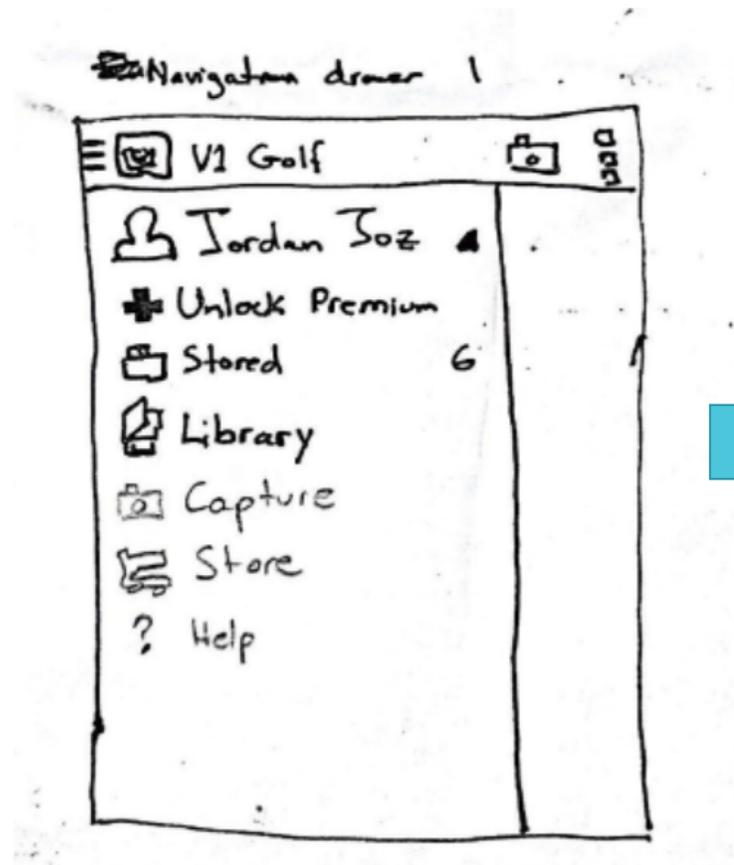


Tips:
See

1 Login + Login Gone Bad



Tips:
Make



Design.
Develop.
Distribute.

Get Started

References

- [Android Design in Action: Iterative Improvements](#)
- [Don Norman: 3 ways good design makes you happy](#)
- [Quora: Learn to See, Make, Deconstruct](#)