HP TOUCHPAD

webOS Wireframe Stencil

Stencil version

2011 MARCH 28 | **RELEASE v2**

WHAT IS THIS?

The wireframe stencil kit does not represent the final visual styling of webOS UI components-- included are representative diagrams of the parts and pieces you can use to help you design your TouchPad application.

The goal in creating this document was to illustrate most of the system or framework-level UI components provided by webOS so that you can create better and faster wireframes.

We also show some examples of how to mix and match these components to get you thinking about how to apply them in your application design.

Please be aware that in a few cases, we are showing some custom UI controls and widgets that are not inherently part of the webOS framework. The webOS framework will continue to grow in scope, and more prebuilt framework elements will be available to you in the future!

Please note this stencil kit is a work in progress, and parts of it may change when the system and framework elements are refined by HP.

WHO IS THIS FOR?

This stencil kit is meant to be used by designers that have an intermediate to advanced knowledge of how to use Adobe Illustrator CS5 or newer.

Others can view this document to get a sense of the kinds of parts and pieces that are a part of the webOS system and framework.

FOR BEST RESULTS

1. Install the Prelude font.

2. Set your units to pixels. The UI components in this stencil kit are built to approximate the pixel dimensions of the UI components on the HP Touchpad. For the highest fidelity results, try to work with integer pixel positions and sizes.

3. Set your color space to RGB.

4. In your Layers panel, check the option for “Paste Remembers Layers”. This will help you maintain a clear and consistent layer structure so you can select and lock objects more easily.

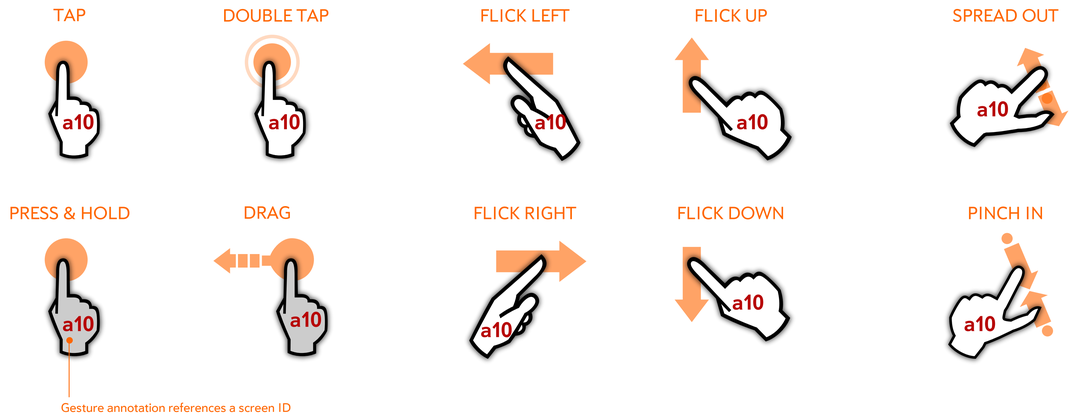
5. Make symbols for objects you will reuse often. This will make it easier to maintain design changes and keep the filesize small.

DOCUMENT VERSION HISTORY

Release v1. 2011 March 11
- Early access release

Release v2. 2011 March 28
- Beta SDK release

ANNOTATIONS



COLOR SWATCHES

White
Gray #1
Gray #2
Gray #3
Gray #4
Gray #5
Black

TYPE

X-LARGE: PRELUDE 36PX, 40 PX LEADING

Big black: Prelude Medium, Black

LARGE TEXT: PRELUDE 20PX, 25 PX LEADING

Large black bold: Prelude Bold, Black
Large black: Prelude Medium, Black
Large gray: Prelude Medium, Gray #4

MEDIUM TEXT: PRELUDE 17PX, 20-OR-25 PX LEADING

Medium black bold: Prelude Bold, Black
Medium black: Prelude Medium, Black
Medium gray: Prelude Medium, Gray #4

SMALL TEXT: PRELUDE 14PX, 16-OR-20PX LEADING

Small black bold: Prelude Bold, Black
Small black: Prelude Medium, Black
Small gray: Prelude Medium, Gray #4
Small gray: Prelude Medium, Gray #3

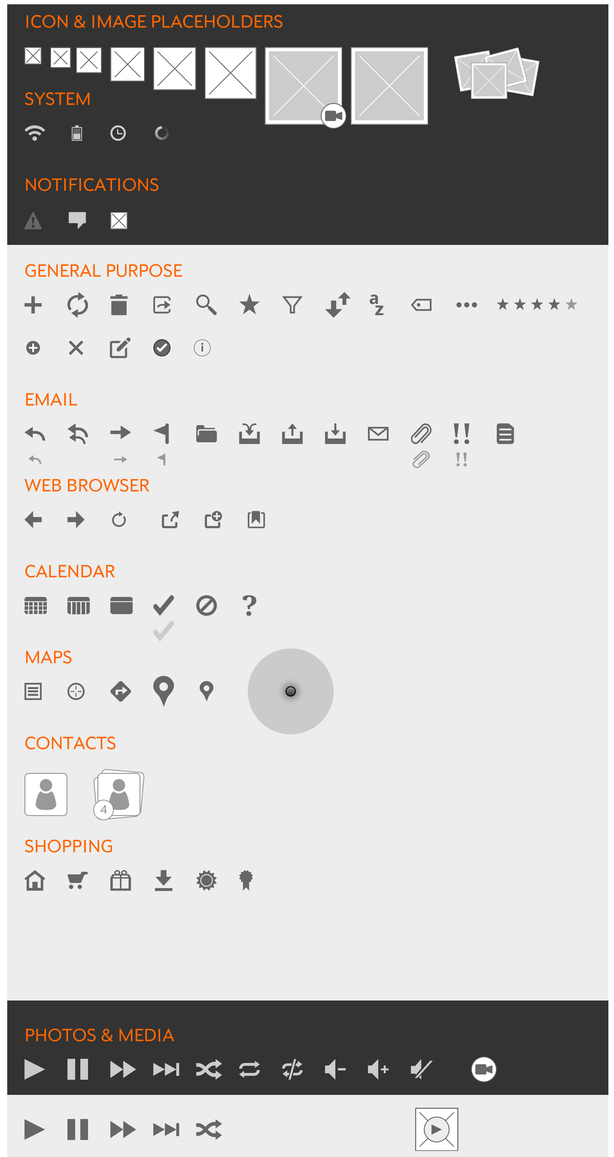
PLACEHOLDER COPY

Lorem ipsum dolor sit amet. Duis ve elum. Ibus ea doluptatur, is volupti busdam aper-cium esequam, vendam in reprorem rem dolorro voluptae ma et fugitata que omni-mint quatem aliquatius voluptatenis enisquia qui doluptus.

Nequi volest, optate pori omnisquamus et aperibus et, iunt, apid que dolorepe sequunt ut amet que dolupic aboreped elenduc iiscit a ni corrum quiate parum volor-rum dusdae omnit, corere sed mosam, nonsequam faccus quo que pratempos mo optasim eturecum volest, exeri re velia pos intetus moloreium ut asped moluptat rehendu ntiusan istiam faciis nemporat.

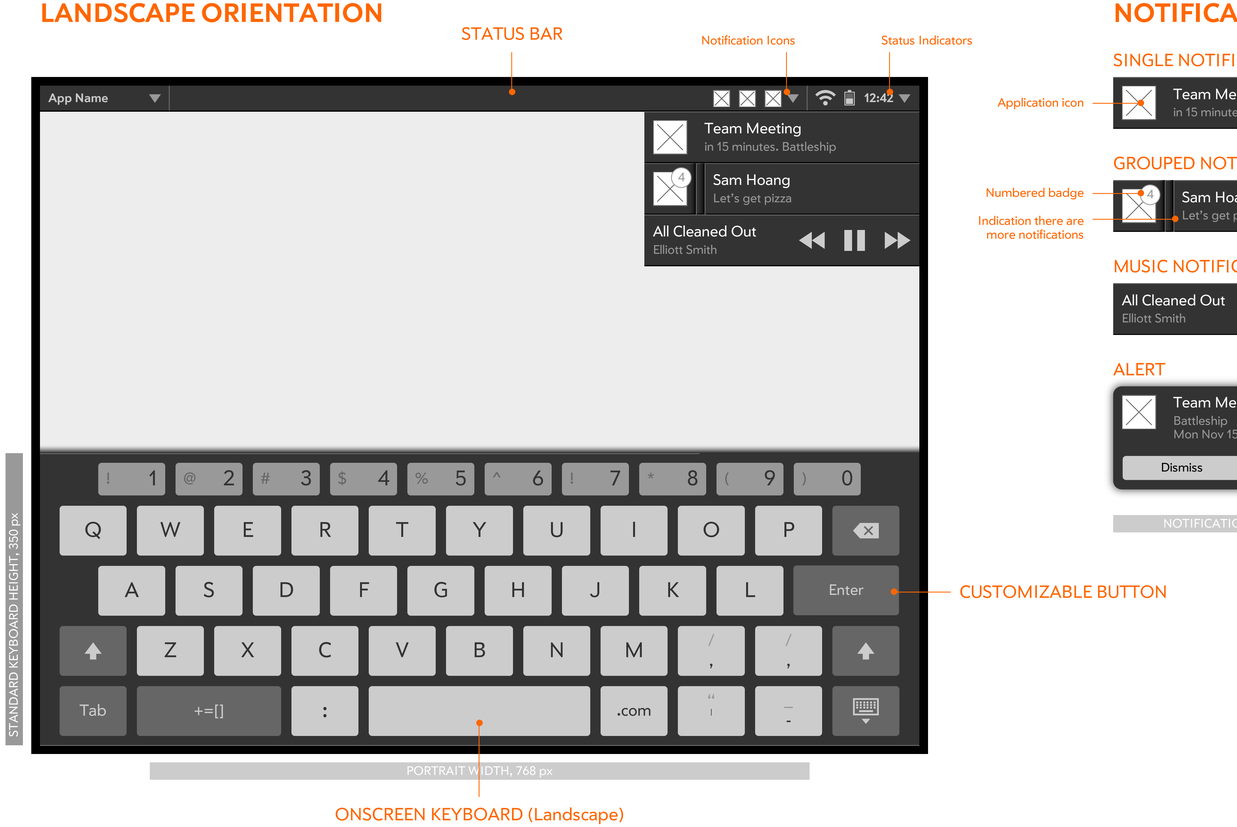
Icilis maxim arunt mo quodi simusam harisquia eum remolup itatia cum rerchiciis exerio et pa asime porro to blandite nis antiusam desed quaecti officil luptatem aut volupit, sequodipsae non corem harchicias eum lit vendipsam quia dolupta volecatque

GLYPHS & GRAPHICS



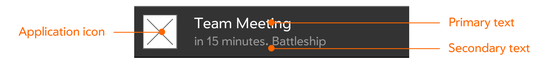
SYSTEM COMPONENTS

LANDSCAPE ORIENTATION

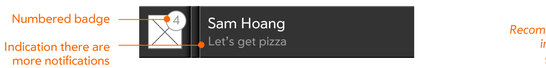


NOTIFICATIONS

SINGLE NOTIFICATION

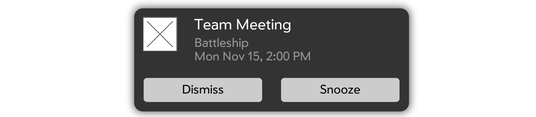


GROUPED NOTIFICATIONS



MUSIC NOTIFICATION

ALERT

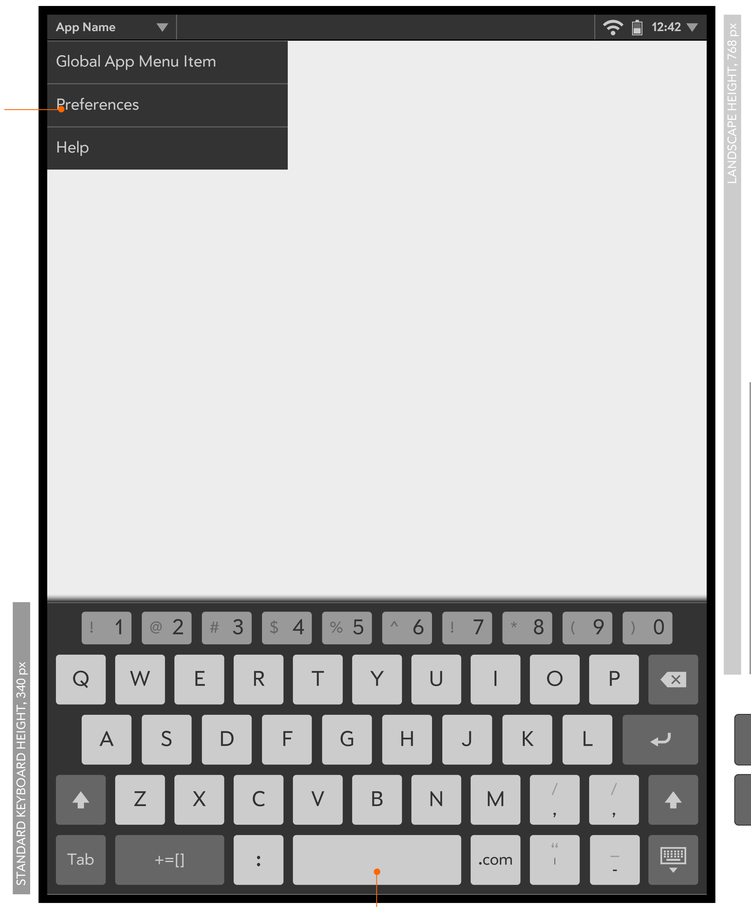


NOTIFICATION WIDTH: 320 px

PORTRAIT ORIENTATION

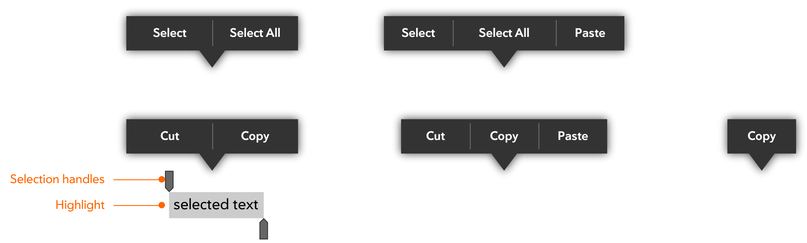
APP MENU

Recommended that items in the app menu are global menu items, not specific to the current scene or view.



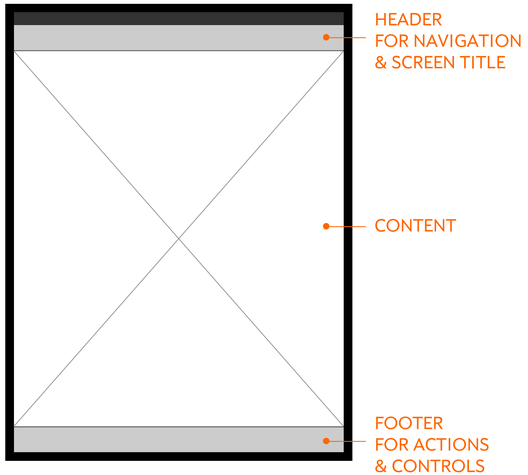
CUT / COPY / PASTE

Note: These are system menus for selecting and editing text in text fields.

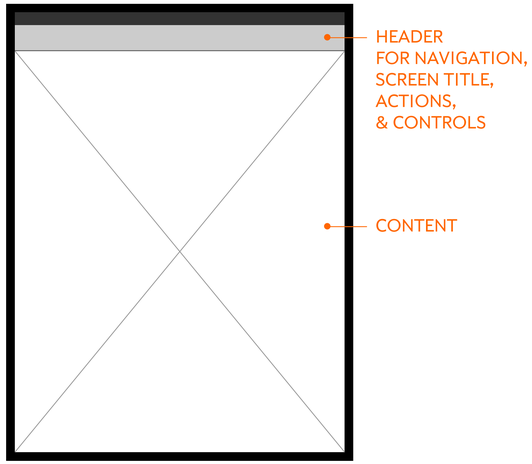


HEADERS & FOOTERS

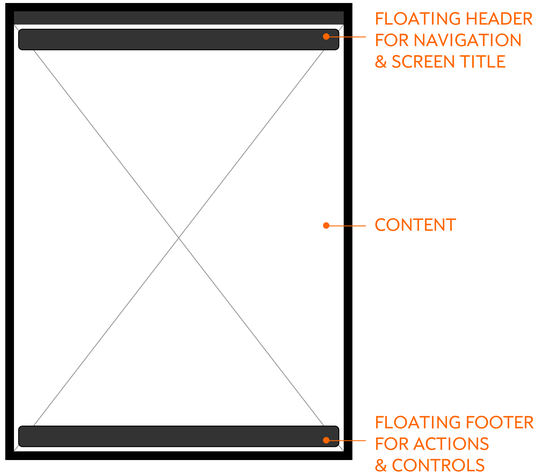
APP w/ HEADER & FOOTER



APP w/ HEADER ONLY



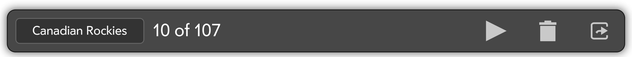
APP w/ CUSTOM, TRANSIENT HEADER & FOOTER IN FULLSCREEN MODE



CUSTOM, TRANSIENT HEADERS & FOOTERS

Transient headers and footers usually appear temporarily above media content. They usually appear when you enter a fullscreen media experience and disappear after a time-out. They are shown again when the user taps the screen to reveal media controls and the floating header.
Please note that Enyo does not currently support transient header or footer toolbars in the framework. These are custom components.

EXAMPLE CUSTOM FULLSCREEN PHOTO VIEWER



Floating headers usually contain navigation: Showing you what you are looking at and providing a means to return to the previous screen, usually containging a list or grid of other content. Floating headers might also contain action buttons or other controls.

EXAMPLE CUSTOM VIDEO PLAYER CONTROLS

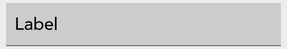
Floating footers are generally for actions and controls related to the content you are consuming or editing.

HEADERS

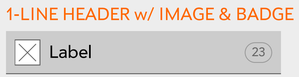
(CAN BE FIXED OR SCROLLING)

A. Fixed headers stay above scrolling lists, and do not move as you scroll.
B. Scrolling headers scroll along with the content.

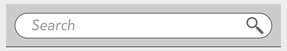
1-LINE HEADER



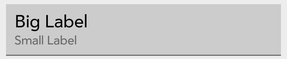
1-LINE HEADER w/ IMAGE & BADGE



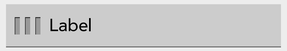
HEADER w/ SEARCH FIELD



2-LINE HEADER



PANEL HEADER w/ GRAB HANDLE

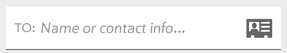


EXAMPLE HEADER w/ GRAPHICS

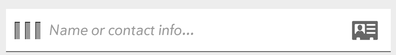
HEADER w/ TEXT NAVIGATION GROUP BUTTONS

HEADER w/ IMAGE NAVIGATION GROUP BUTTONS

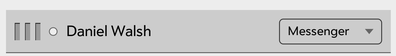
HEADER w/ TEXT FIELD



PANEL HEADER w/ GRAB HANDLE & TEXT FIELD



PANEL HEADER w/ GRAB HANDLE & DROPDOWN



FOOTERS

(USUALLY FIXED TO BOTTOM OF SCREEN)

Footers usually contain action buttons and are usually fixed at the bottom of the screen.

w/ DRAG HANDLE

Toolbar component containing icon buttons and drag handle

NO DRAG HANDLE

Toolbar component containing icon buttons

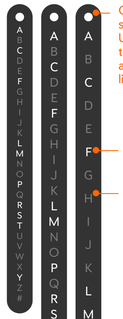
LIST ITEMS

SCROLLING

Note: None of the items below are currently supported in the Enyo framework.

SUPERSCROLL

Note: Adjust below to appropriate heights to account for UI height of your list area.



GENERAL SCROLLING INDICATOR: VERTICAL

GENERAL SCROLLING INDICATOR: HORIZONTAL

LIST BACKGROUNDS

LIGHT-COLORED LIST BACKGROUNDS

LIST ITEM IN A DRAWER

DARK-COLORED LIST BACKGROUNDS

LIST DIVIDERS

LIST DIVIDER

A

DIVIDER TEXT HERE

Alpha divider

Divider w/ text label

COLLAPSABLE LIST DIVIDER

These are actually drawer componenents that are styled to look like list dividers.

COLLAPSED DIVIDER

EXPANDED DIVIDER

Collapsed

Expanded

COLLAPSABLE DIVIDERS w/ ICON

COLLAPSED DIVIDER

EXPANDED DIVIDER

GROUP BOXES

LIST ITEMS GROUPBOX, NO HEADER

BATTERY	92%
MEMORY	32 GB
AVAILABLE	14.7 GB
VERSION	HP webOS 3.0
SERIAL NUMBER	P2523451010519716100

LIST ITEMS GROUPBOX, w/ HEADER

GROUP HEADER

Text input hint text...

SETTING Value

LIST EXAMPLES

GENERIC LIST EXAMPLE, IMAGE, BADGING, STAR

Selected List Item 27 — Selected row

Not Selected 1 — Numbered badge

Not Selected — Tap to mark as favorite

Not Selected — Marked as favorite

TASKS APP, TASK LISTS

All Tasks 23 — Selected row

Unfiled 14 — Numbered badge

Project Jabberwocky

Exchange 5 — Exchange account icon

LIST OF CONTACTS

A

Adam Smith — Generic contact image

Ari Jaakse — Company or title: HP — Favorite contact

B

Bob Barkley

MESSAGING, CONVERSATIONS

TODAY — List divider

Kenneth King — Generic contact image
It's raining bananas

Nunya Sauce — Status indicator
I'll be there by noon-- Can you s... — Long message text is truncated

LAST WEEK

Tamara Thanh — Favorite contact; Indicator: You received this message
Miko and Fuzzy are dirty dogs

Drew Smith — Indicator: You sent this message
I need a new hobby too

DRAWER IN A LIST

Carter Humphries — Button showing opened state

Open drawer:
cassius@gmail.com HOME
950 W. Maude Ave, Sunny... WORK

Casey Jackson — Closed drawer; Button showing closed state

Cassius Jones

EDITING LISTS

SWIPE TO DELETE

Wash the dishes TODAY

Take the Fuzz out for a very long walk 12/10/11 — Taller row w/ wrapped text

~~Do the laundry~~

Cancel | Delete — Row has been swiped

Some other task

DRAGGING A LIST ITEM

Wash the dishes TODAY

Some other task — Row being dragged between two other rows

Take the Fuzz out for a very long walk

~~Do the laundry~~

EDIT MODE w/ DELETE & DRAG (CUSTOM LIST EDITING UI)

Wash the dishes TODAY — Drag handle

Take the Fuzz out for a very long walk 12/10/11

~~Do the laundry~~

Delete button — Some other task

EDIT MODE w/ MULTI-SELECT

Facebook 12:34 PM — Attachment
Replied — Reminder: Joe Smith invited you to join Fa...
Hi, The following person invited you to join...

Brenda Jones 9:32 AM — Selected row
Check this out
OMG. Too funny: http://www.wastingtim...

Tommy Bahama 1/18/2011 — Not selected
Forwarded — Funny cat pictures
Man, you gotta look at this. So wrong!

Firstname Lastname 1/18/2011
Subject appears here
First line of the email appears here

Sam Hogan 1/17/2011
Your thing is here
Just wanted to let you know. You should r...

Flagged — Firstname Lastname 1/18/2011
Subject appears here
First line of the email appears here

EXAMPLE: ADDRESSING SUGGESTIONS LIST

NOTHING TYPED

TO: — Tap to reveal alphabetical list of contacts to choose from

CONTACT MATCHES DISPLAYED

TO: Sa

Sam Hashe — List divider: Contact name

(999) 888-7777 MOBILE — Highlighted contact method (press return on keyboard to select)

shase AIM

shase@gmail.com GTALK — IM contact method

Sam Hogan

samhogan AIM

samhogan@gmail.com GTALK

Samantha Bergman

sbergman@gmail.com GTALK

CHAT USING... — App-specific custom list options added to end of suggestions list

CONTACT SELECTED

TO: Sam Hogan — Once a contact method has been selected, this bubble appears around the name. Backspace once to select. Backspace when selected to delete.

BUTTONS & FORMS

SMALL SQUARE BUTTONS

Dark Button
Light Button
Cancel
Delete
Edit
Done

Dark Button, Disabled
Light Button, Disabled

EXPAND / COLLAPSE

Disabled
Collapsed
Expanded

SQUARE GROUPED BUTTONS

Disabled
Disabled

ICON BUTTONS

Up
Down (Pressed)
For wireframe visualization only... It does not actually have a circle around the icon.
Disabled

DROPDOWN BUTTONS

Google
Messenger

BIG SQUARE BUTTONS

Dark Primary Action Button w/ Image
Light Button w/ Image
Dark Primary Action Button
Light Action Button

Dark Primary Action Button, Disabled
Light Button w/ Image, Disabled
Dark Primary Action Button, Disabled
Light Action Button, Disabled

Cancel
Cancel
Back
Back

OK (Disabled)
OK
OK
Done

INTEGER PICKER

12

ACTIVITY BUTTONS

ACTIVITY BUTTON w/ SPINNER

Sign In
Signing In...

DOWNLOAD ACTIVITY

Download for free
Downloading...
Installing...
Tap to launch

RADIO GROUP BUTTONS

Should be used for view switching or limited # of choices.
Can be used for secondary navigation.

SQUARE w/ TEXT LABELS

Day | Week | Month

SQUARE w/ IMAGE LABELS

LIST ITEMS AS BUTTONS

(888) 987-6543 MOBILE
bb@yahoo.com HOME
benb@work.com WORK

SYNERGY ACCOUNTS
Microsoft Exchange
samantha.berg@palm.com
Facebook
seb75@cornell.edu
Google
sberg75@gmail.com

Editing screen

Add Account

Add account screen

Add an account to access mail, contacts, calendar events and other content.

POPUP MENUS

DREWSMITH@GMAIL.COM 11/1/2010
I need a new
7:57 PM
Me too
I'm going to learn how to ski
Forward via Email
Copy Text
Delete

Highlighted item

POPUP MENU FOR CONTEXTUAL ACTIONS

POPUP MENU FOR SELECTING AN OPTION

Option 1
Option 2
Option 3

Selected item
Other options

POPUP MENU FOR MORE ACTIONS

Set Due Date for All
Mark All Completed
Mark All Incomplete
Hide Completed
Delete Completed Tasks
Delete Task List
Rename Task List

Disabled
Menu item

Pressed

SETTING VALUES

SLIDER CONTROL w/ FILL BAR

Ringtone Volume

SLIDER CONTROL, NO FILL BAR

Setting Name

SLIDER CONTROL w/ TOOLTIP ON DRAG

Page 50

ON/OFF SWITCH

BACKUP ON
BACKUP OFF

CHECKBOXES

Checked label
Unchecked label
Not everything checked
Disabled label

EXAMPLE: CHECKBOXES USED IN GROUP BOXES

GROUP PARTIALLY CHECKED
Checked item
Unchecked item
Checked item

DROPDOWN BUTTON w/ POPUP MENU

My Order
My Order
Due Date
Priority

Selected item
Other options

TEXTFIELD w/ SUGGESTIONS DROPDOWN

Double
Double date
Double dragon
Double rainbow

DROPDOWN BUTTON IN A HEADER

Daniel Walsh Messenger

LIST PICKER

ENCRYPTION None

POPUP MENU
None
WEP
WPA
WPA2
ENCRYPTION

DATE PICKER, EXAMPLE 1

Dec 22 20 1 1

DATE PICKER, EXAMPLE 2

Dec 22 2011

Jul Aug Sep Oct Nov Dec
20 21 22 23 24 25
2011

TIME PICKER, EXAMPLE 1

7 3 8 PM

TIME PICKER, EXAMPLE 2

7 30 PM

7 8 9 10 11 12
00 15 30 45
AM PM

TEXT FIELDS

SEARCH FIELD

Search
Double rai
Double rainbow

Not focused, nothing typed, hint text displayed
Focused, nothing typed
Focused, something typed
Focused, something typed

SINGLE & MULTI-LINE TEXT FIELD STYLED w/ ROUNDED CORNERS

Single line text field (focused)
Multi-line text field (focused)

TEXT FIELD IN LIST w/ NO STYLING

TEXT FIELDS w/ OTHER CONTROLS

Google

This is a very long message. I am showing you how this message wraps and grows the textfield in height, while its width is fixed.

TEXT FIELD w/ FIXED LABEL

SETTING NAME
VERY LONG SETTING NAME User-entered value

TEXT FIELDS INSIDE GROUPBOX

INCOMING MAIL SERVER
https://exchange.hp.com
DOMAIN
USERNAME samhogan
PASSWORD ********

OUTGOING MAIL SERVER
Enter server name...
AUTHENTICATION OFF
ENCRYPTION None
PORT# 110

SINGLE TEXT FIELD IN GROUP BOX w/ HEADER

EMAIL ADDRESS

CUSTOM INLINE LIST EDITING, EXAMPLE 1

GROUP HEADER
Item 1
Item 2
Add Item

GROUP HEADER
Item 1
Item 2
Add Item

CUSTOM INLINE LIST EDITING, EXAMPLE 2

New Phone Number...

Tap button to add new text field

Mobile
New Phone Number...

(987) 654-3 Mobile
New Phone Number...

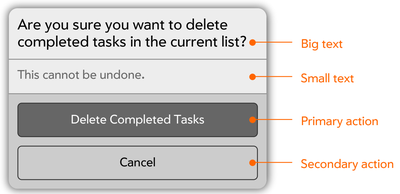
(987) 654-3210 Mobile
Mobile
New Phone Number...

POPUP EXAMPLES

MESSAGE DIALOGS

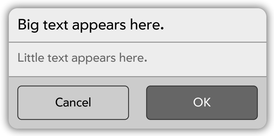
On the phone, these appear as popups above the content area

DIALOG w/ STACKED ACTION BUTTONS

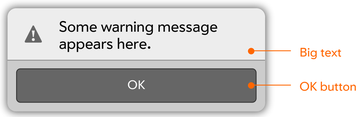


DIALOGUE WIDTH: 300 px

DIALOG w/ SIDE-BY-SIDE ACTION BUTTONS



DIALOG w/ SINGLE BUTTON



CUSTOM VISUAL DATE PICKER

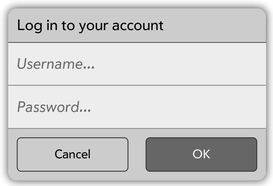
POPUP w/ TEXT ENTRY

On the phone, these may appear as popups above the content area

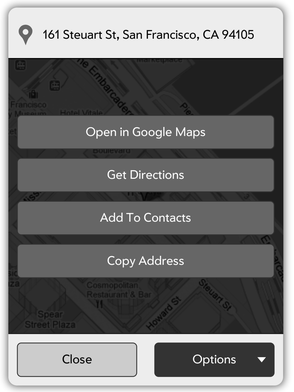
PASSWORD

TEXT-ENTRY POPUP WIDTH: 300 px

LOGIN



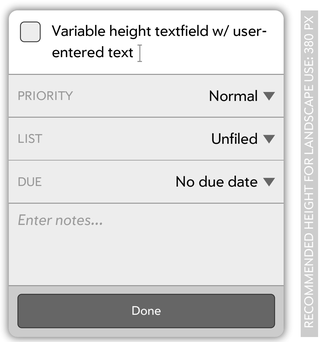
CUSTOM ADDRESS POPUP w/ MAP WIDGET



INTERACTIVE POPUPS

On the phone, these usually appear as full-width scenes

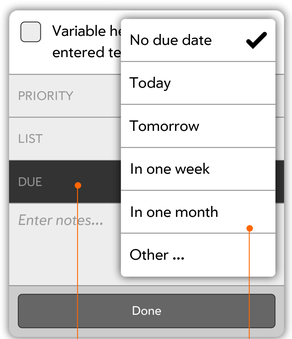
POPUP W/ FORM ELEMENTS



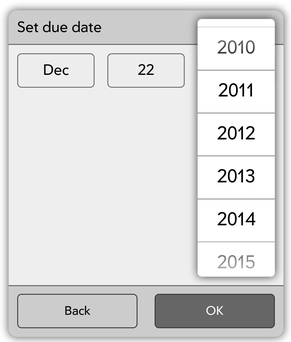
RECOMMENDED HEIGHT FOR LANDSCAPE USE: 380 PX

RECOMMENDED WIDTH: 320 px

LIST MENU ON TOP OF POPUP



DATE PICKER W/ LIST MENU



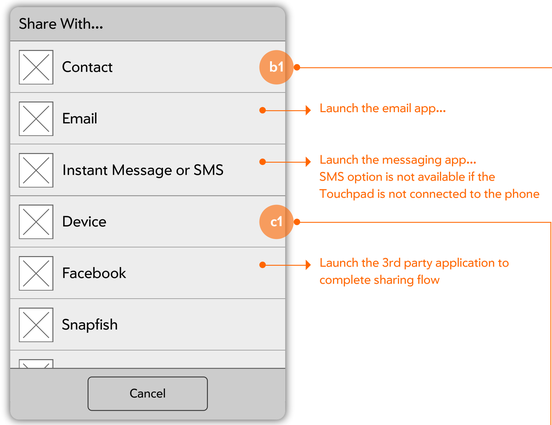
SHARING / CONTACT PICKER

SHARE DIALOG

Initiate via app menu ...
(shown below is a generic app menu)

...or initiate via share action button
(shown below is a generic action button)

A.1. SHARE DIALOG

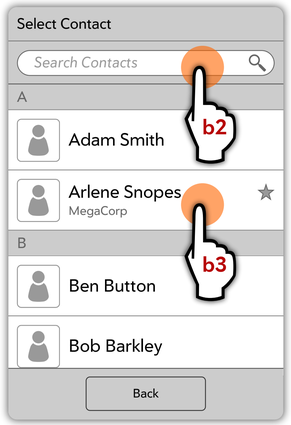


Launch the email app...

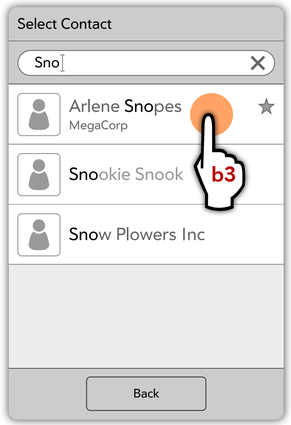
Launch the messaging app...
SMS option is not available if the Touchpad is not connected to the phone

Launch the 3rd party application to complete sharing flow

B.1. CONTACT PICKER

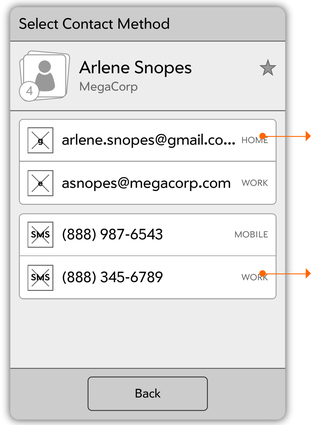


B.2. FILTERED CONTACTS LIST



NOTE: this popup might be shorter in landscape mode to account for keyboard height

B.3. SELECT CONTACT METHOD



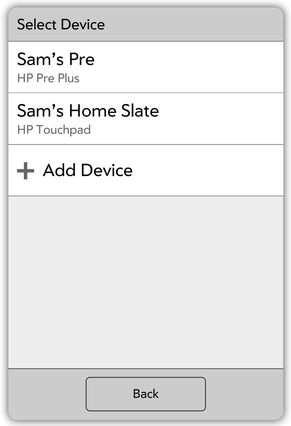
Launch the Email app to COMPOSE view...
This address will appear in the TO field.
From there, you can add more recipients if needed. Whatever was being shared is either attached or in the message body.

Launch the Messaging app in COMPOSE view...
This contact will appear in the TO field.
From there, you can add more recipients if needed.

For the initial version of the Touchpad Messaging app, you cannot attach files.
The text or link being shared is prepopulated in the message body.

SMS option is not available if the Touchpad is not connected to the phone.

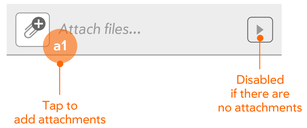
C.1. SELECT DEVICE



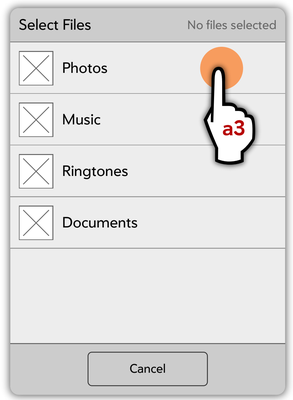
FILE PICKER (MULTI-SELECT) *TBD

A.1. TAP ATTACHMENT BUTTON

(shown below is a generic attachment field)

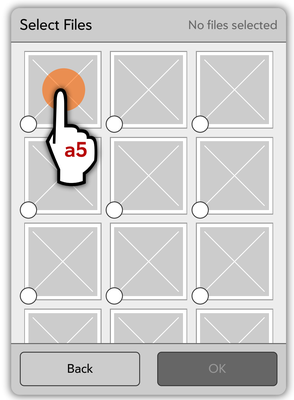


A.2. CHOOSE FILE TYPE



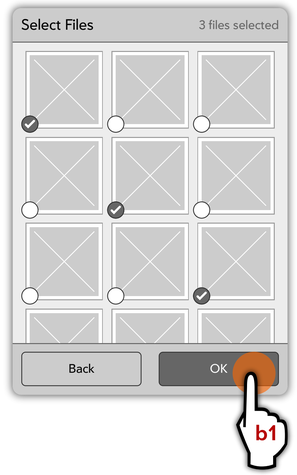
A.3. BROWSE ALBUMS

A.4. BROWSE PHOTOS

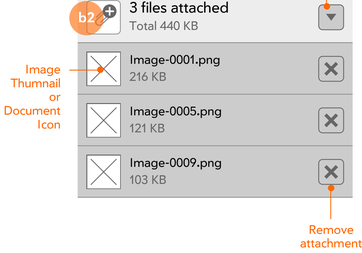


Tap anywhere on the thumbnail to select item...
No large preview for multi-selected supported yet.

A.5. ITEMS SELECTED

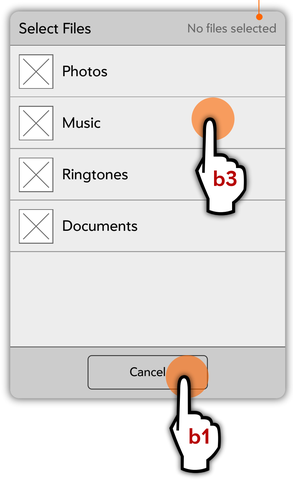


B.1. ATTACHMENTS LISTED

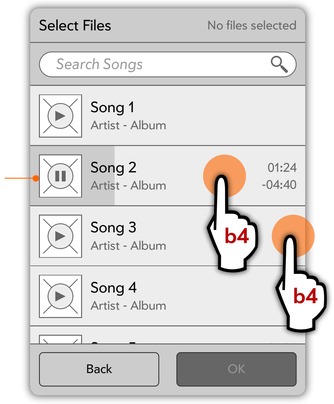


B.2. CHOOSE FILE TYPE

Selected attachments do not persist

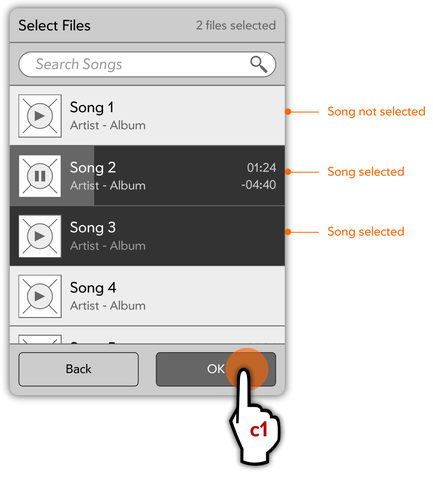


B.3. SONGS LIST, SONG PREVIEW



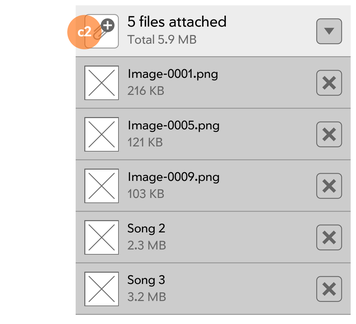
Tap album art to preview song (Play/Pause)

B.4. SONGS SELECTED

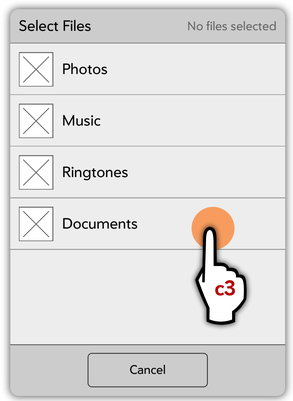


Song not selected
Song selected
Song selected

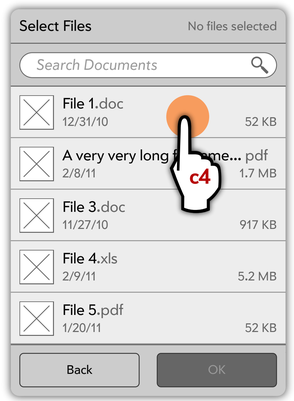
C.1. ATTACHMENTS LIST UPDATED



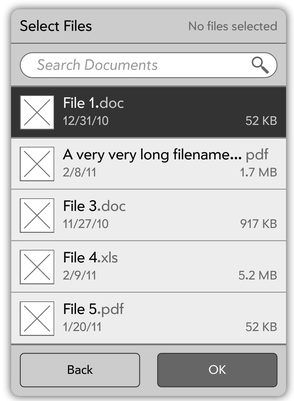
C.2. CHOOSE FILE TYPE



C.3. CHOOSE DOCUMENTS



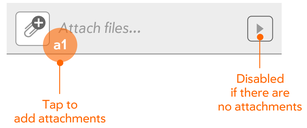
C.4. DOCUMENT SELECTED



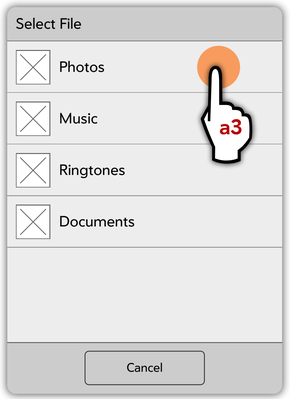
FILE PICKER (SINGLE-SELECT)

A.1. TAP ATTACHMENT BUTTON

(shown below is a generic attachment field)

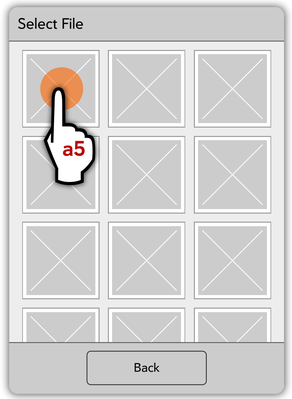


A.2. CHOOSE FILE TYPE

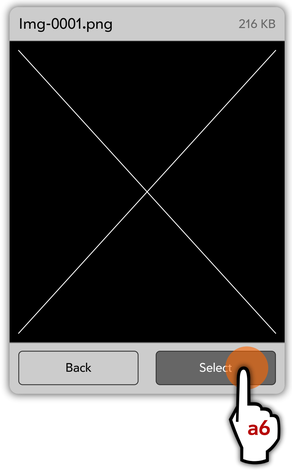


A.3. BROWSE ALBUMS

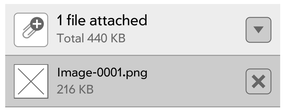
A.4. BROWSE PHOTOS & VIDEOS



A.5. IMAGE PREVIEW

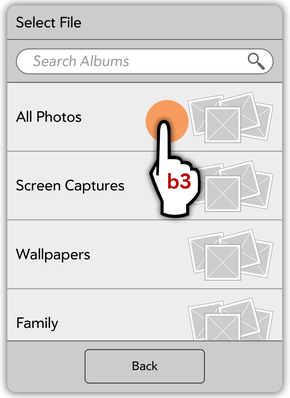


A.6. ATTACHMENT LISTED

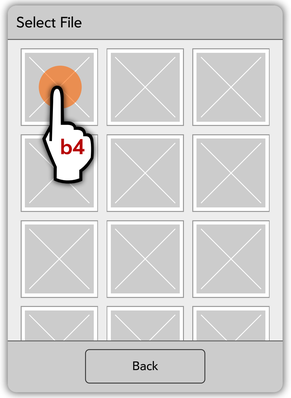


B.1. TAP BUTTON

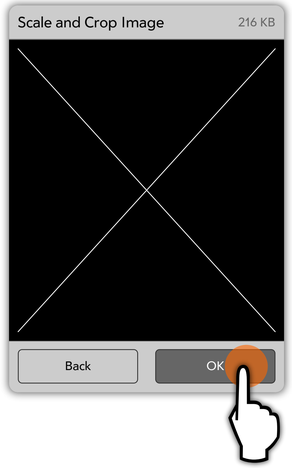
B.2. BROWSE ALBUMS



B.3. BROWSE PHOTOS & VIDEOS

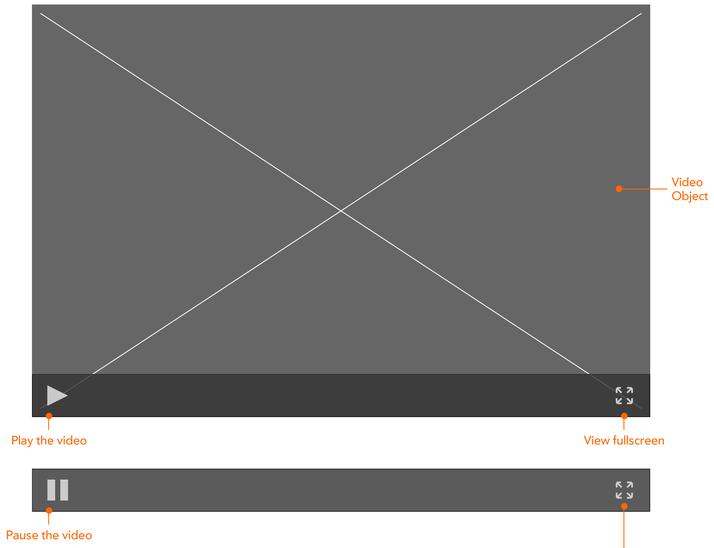


B.4. CROP & SCALE IMAGE

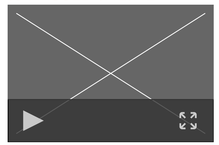


MEDIA PLAYBACK COMPONENTS

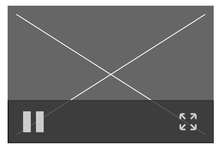
EMBEDDED (INLINE) VIDEO PLAYBACK



WHILE EMBEDDED VIDEO IS PAUSED INLINE



WHILE EMBEDDED VIDEO IS PLAYING INLINE



FULLSCREEN VIDEO PLAYER

EMBEDDED AUDIO WIDGET IN WEB BROWSER

WHILE AUDIO IS PAUSED

WHILE AUDIO IS PLAYING

STREAMING AUDIO WIDGET

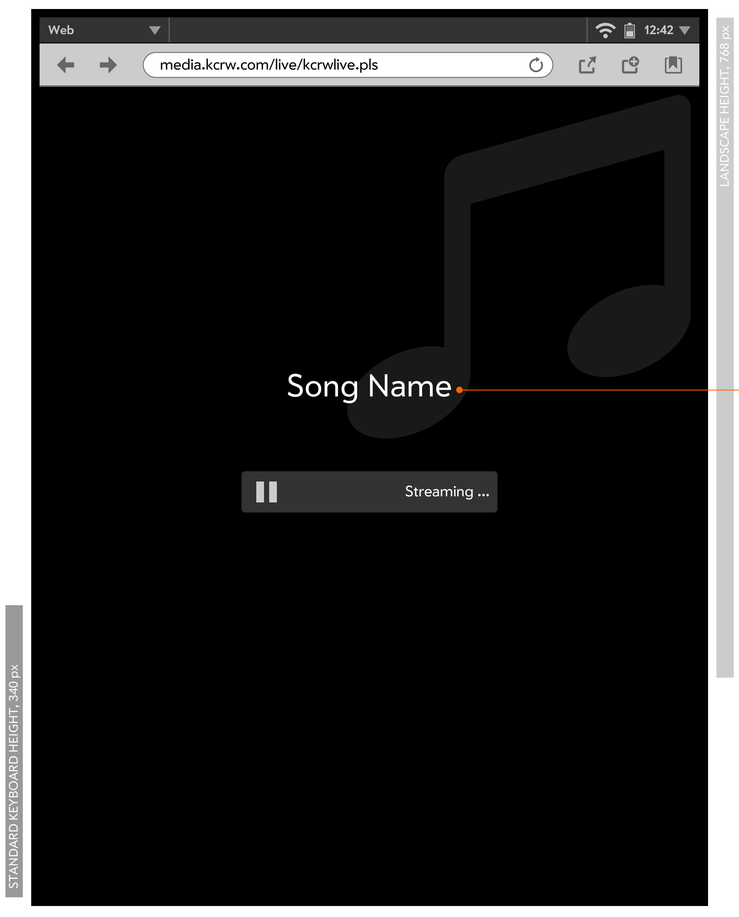
(EXAMPLE: INTERNET RADIO STREAM)

WHILE STREAM IS PAUSED (STOPPED)

WHILE STREAM IS PLAYING

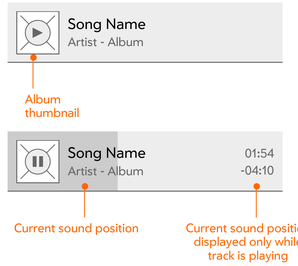
LINK TO STREAMING AUDIO FILE IN A BROWSER

Use case: A websit you are visiting or an app you are using has URL links to streaming audio file, like a .pls file

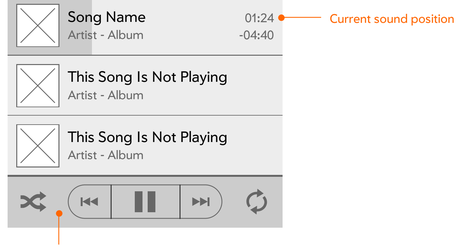


EXAMPLE CUSTOM MUSIC CONTROLS IN A LIST

SONG PLAYING IN A LIST
w/ INTEGRATED MUSIC CONTROLS
(EXAMPLE: THIS MIGHT APPEAR IN A LIST OF ATTACHMENTS IN AN EMAIL YOU RECEIVED)

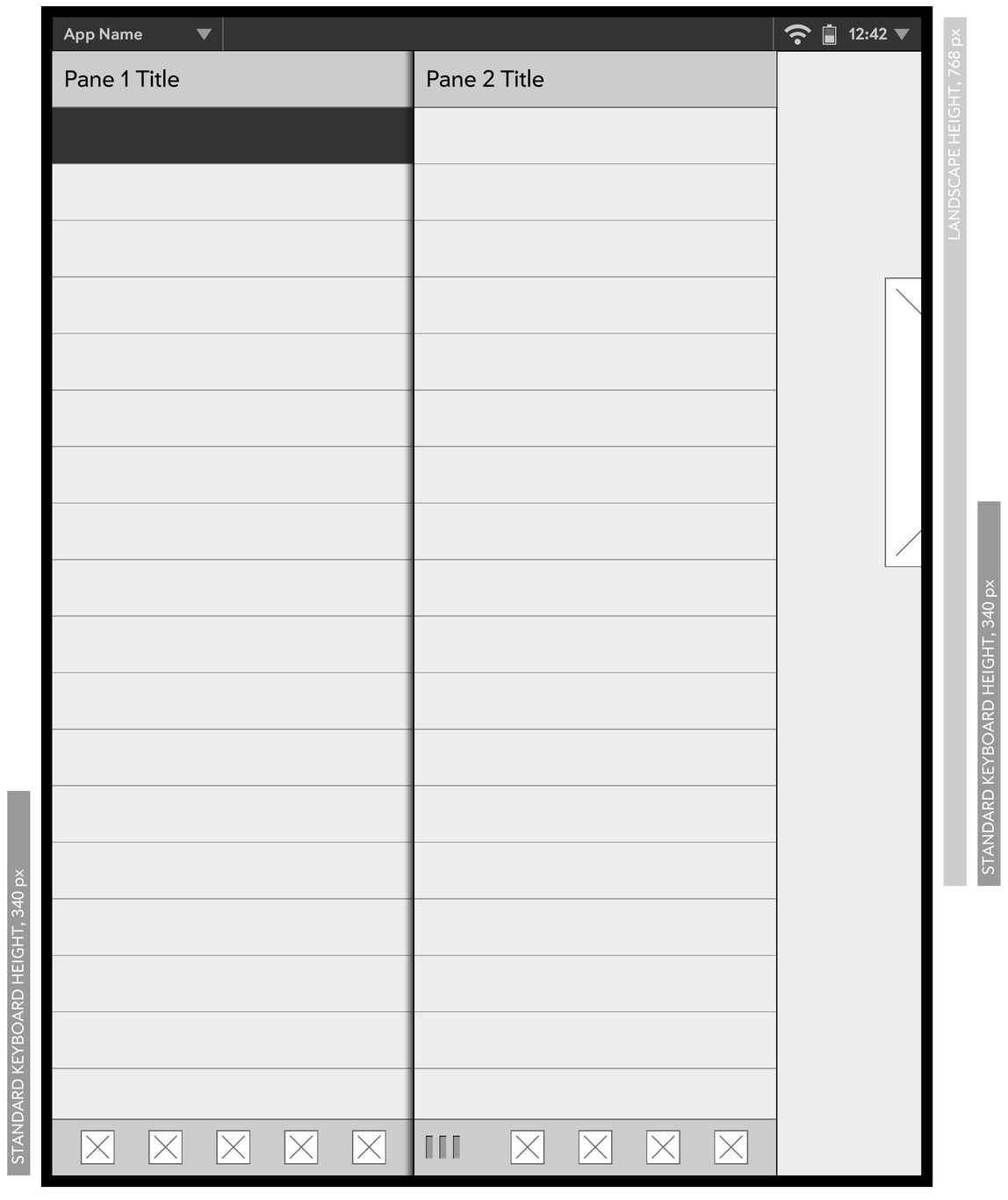


SONG PLAYING IN A LIST
w/ MUSIC CONTROLS IN THE CHROME
(EXAMPLE: IN A MUSIC PLAYER APP)

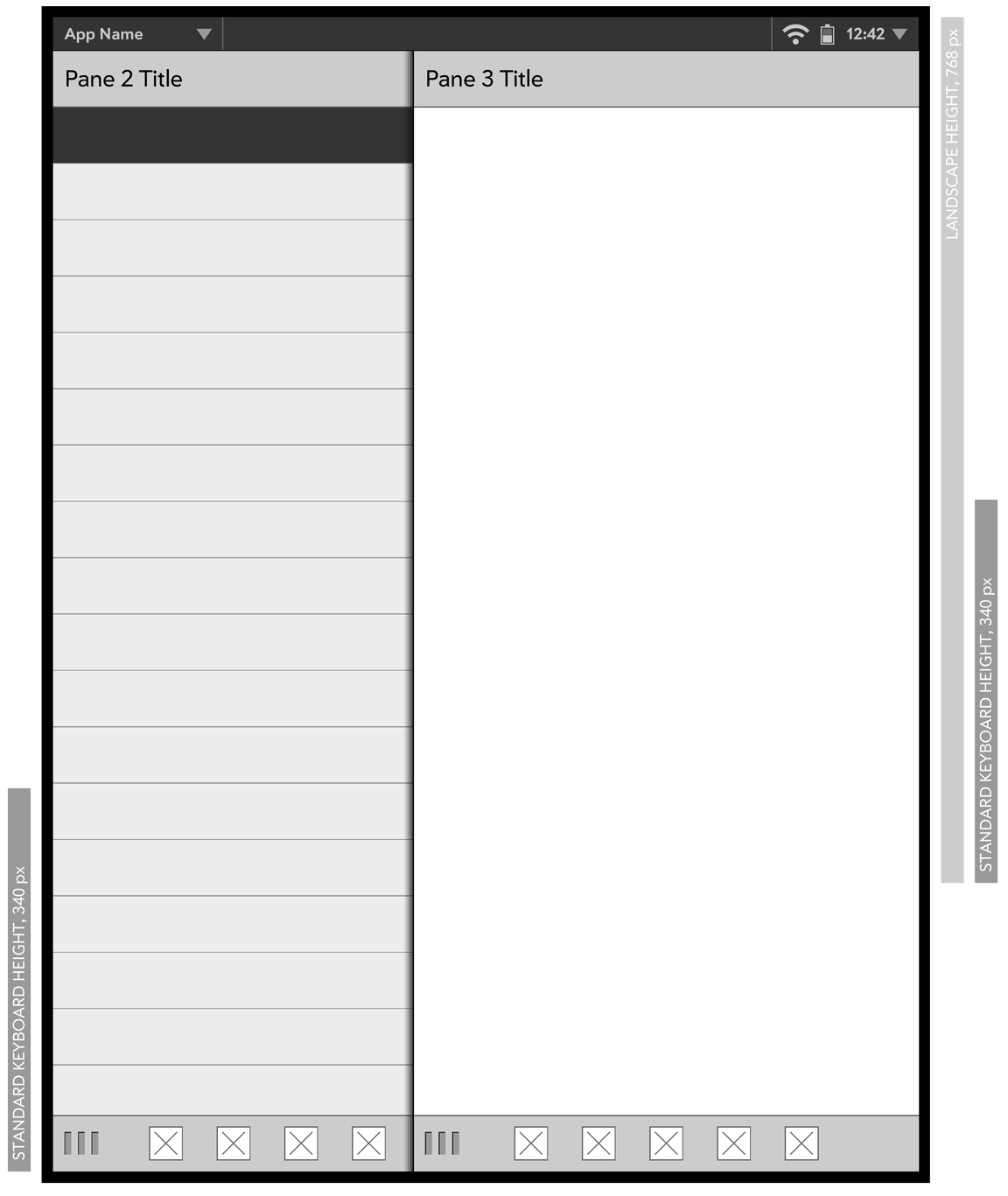


SLIDING PANES - PORTRAIT

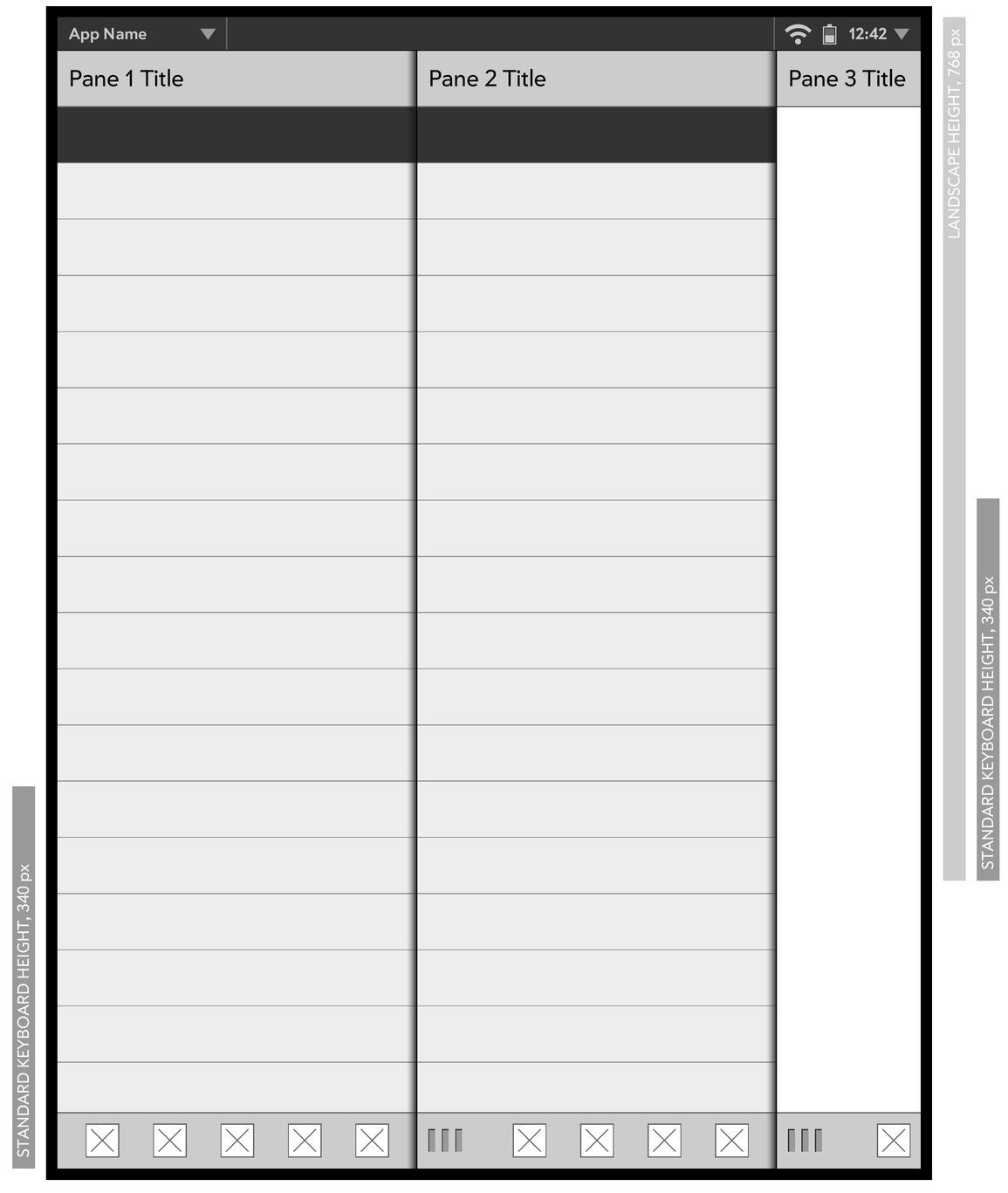
ITEM IN 1ST PANE SELECTED, NOTHING SELECTED IN 2ND PANE



2-PANE VIEW

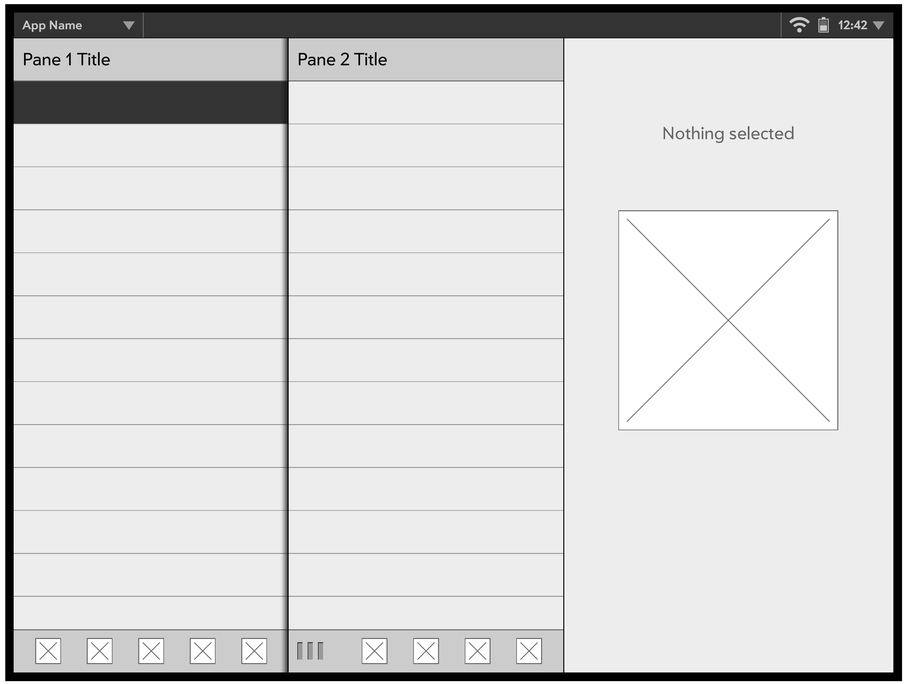


2.5-PANE VIEW



SLIDING PANES - LANDSCAPE

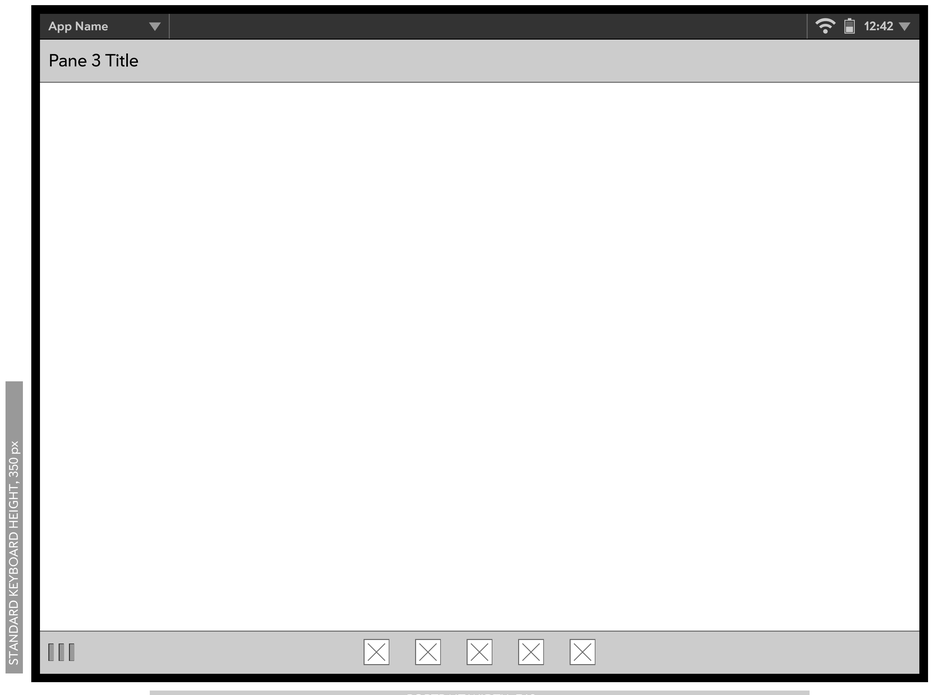
ITEM IN 1ST PANE SELECTED, NOTHING SELECTED IN 2ND PANE



2-PANE VIEW

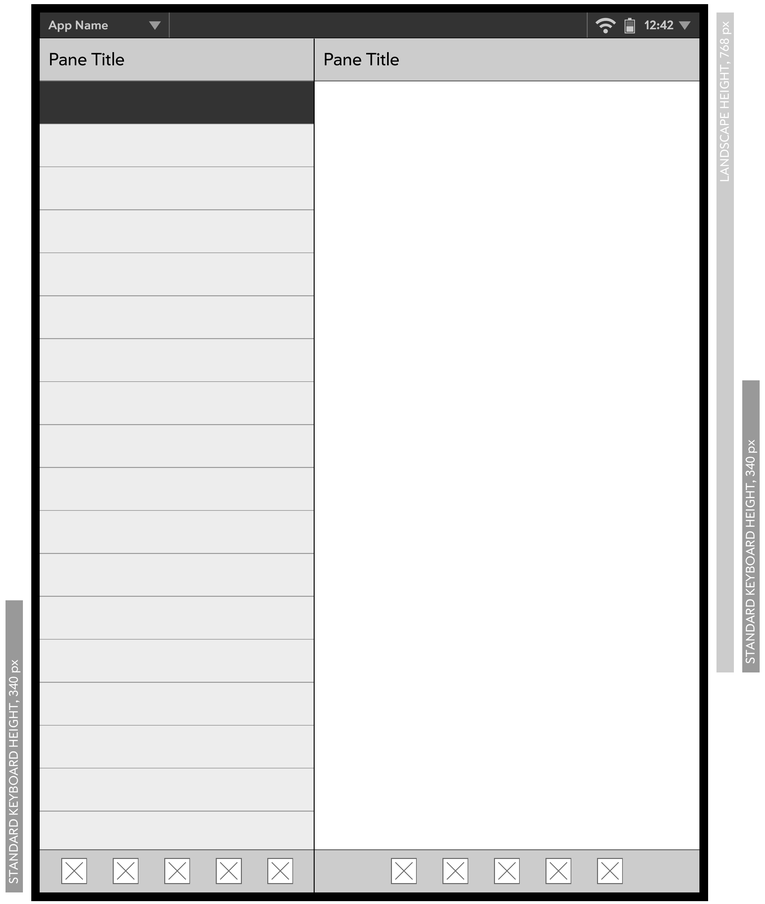
3-PANE VIEW

DETAIL PANE VIEW



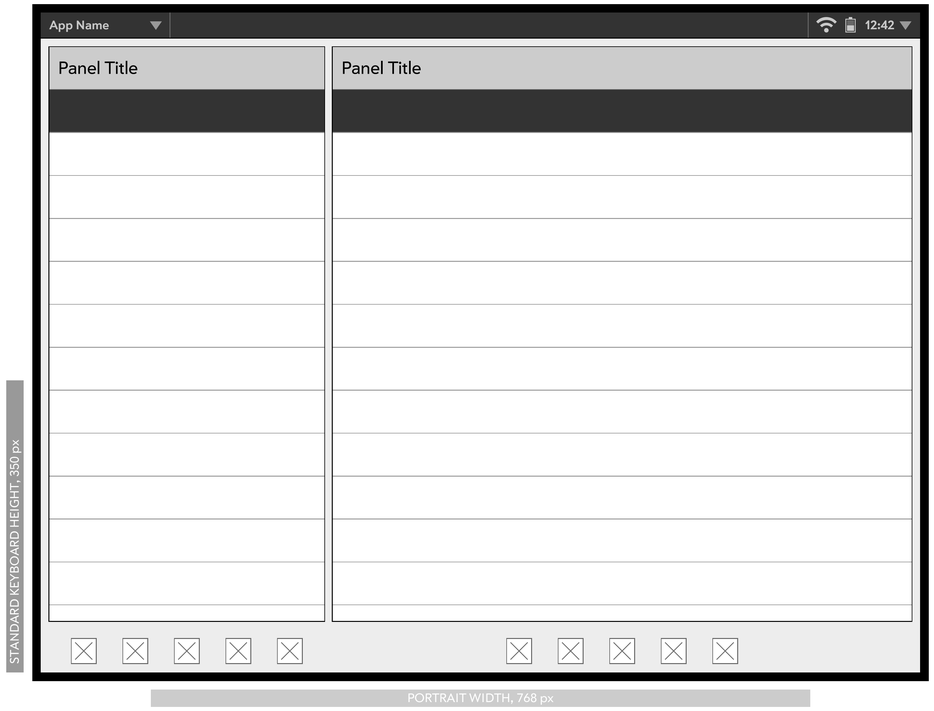
SPLIT-VIEW (NOT SLIDING PANES)

SPLIT-VIEW, FULL WIDTH PANE



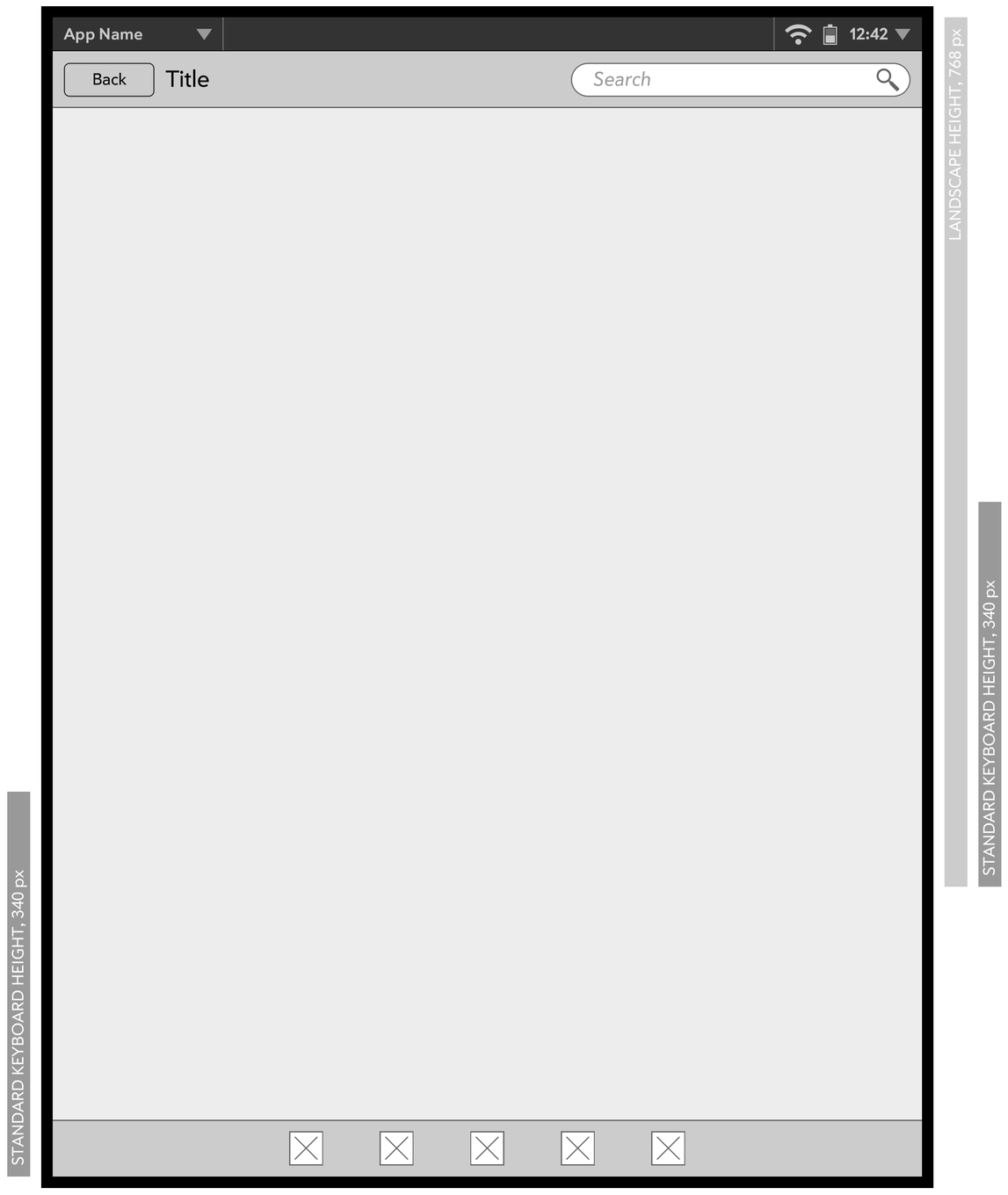
SPLIT-VIEW, SEPARATED PANE

SPLIT-VIEW, SEPARATED PANE, LANDSCAPE

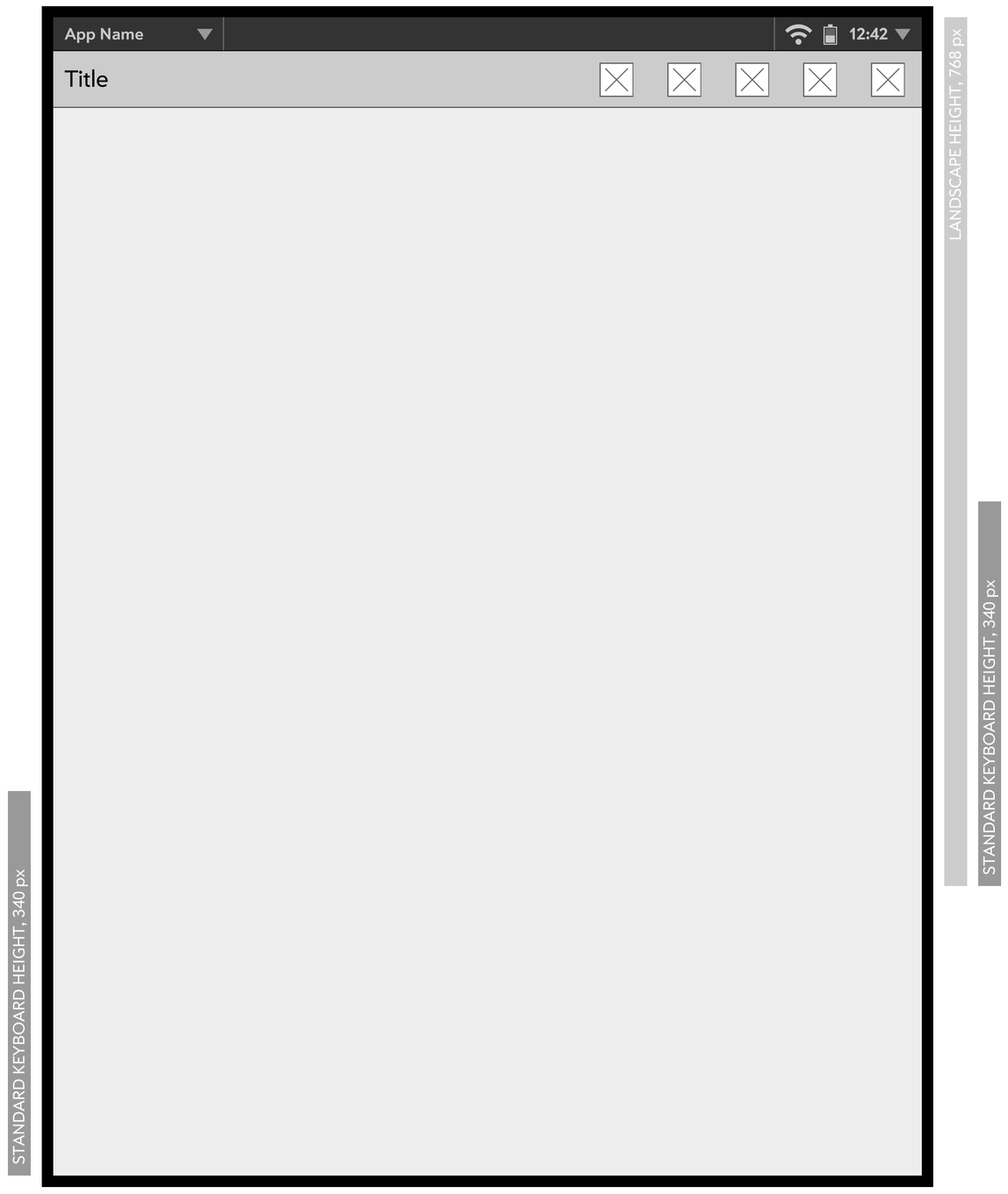


FULL-WIDTH LAYOUTS

WITH HEADER & FOOTER

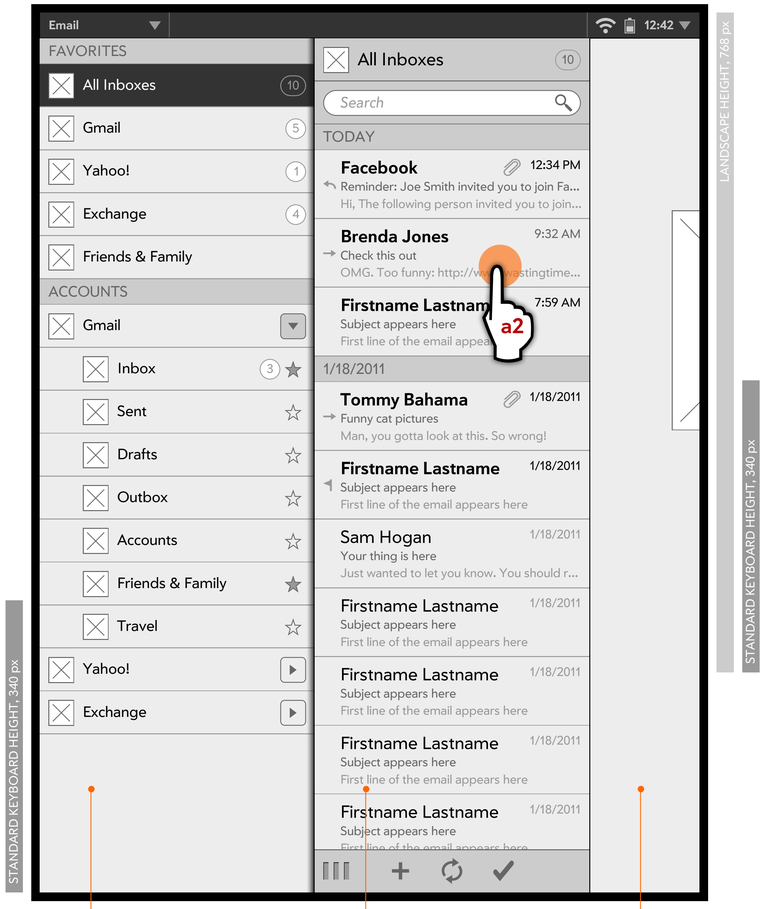


WITH HEADER ONLY



WIREFRAME EXAMPLE: EMAIL APP (PANELS NAVIGATION)

a1. Email app default view, portrait

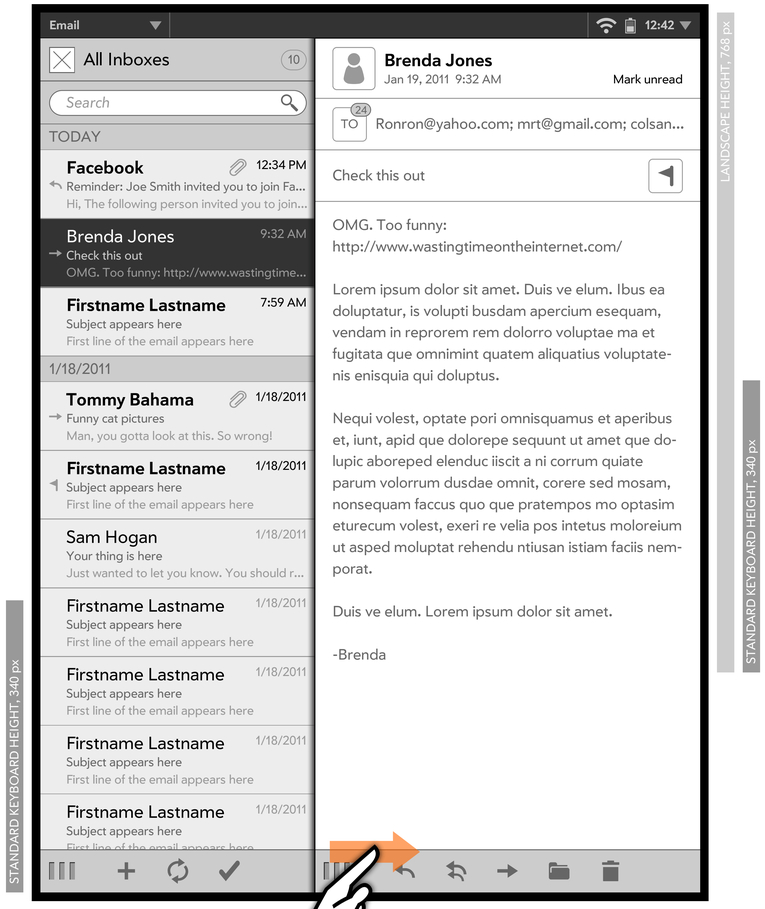


Accounts & folders pane

Email list pane

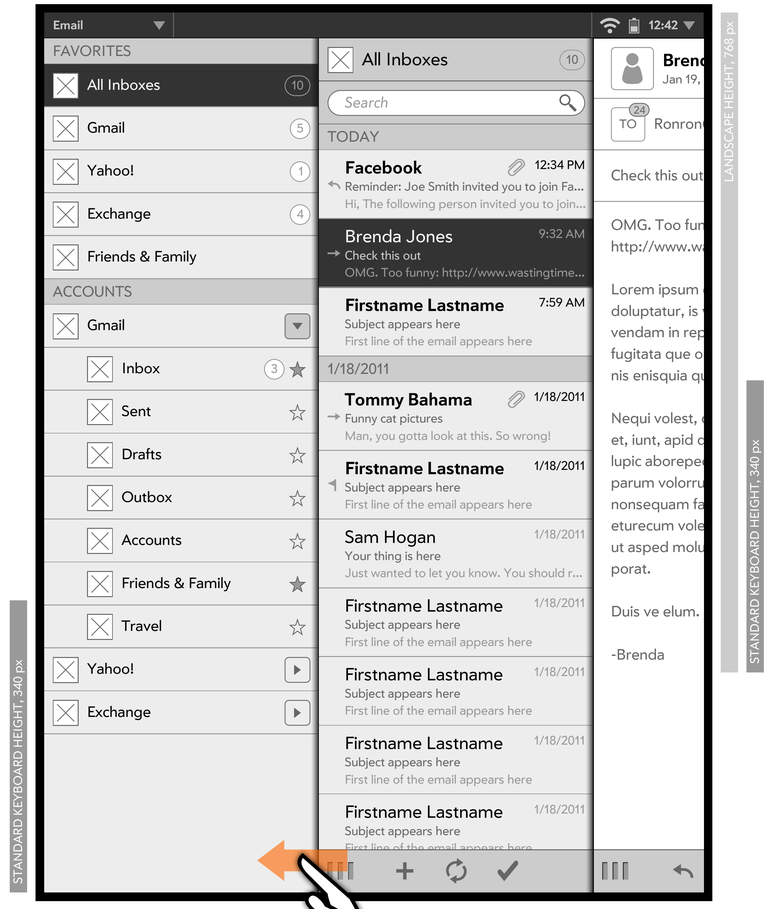
Blank portion of email list pane, since no email has been selected

a2. Email list item selected - automatic transition to 2-pane view.



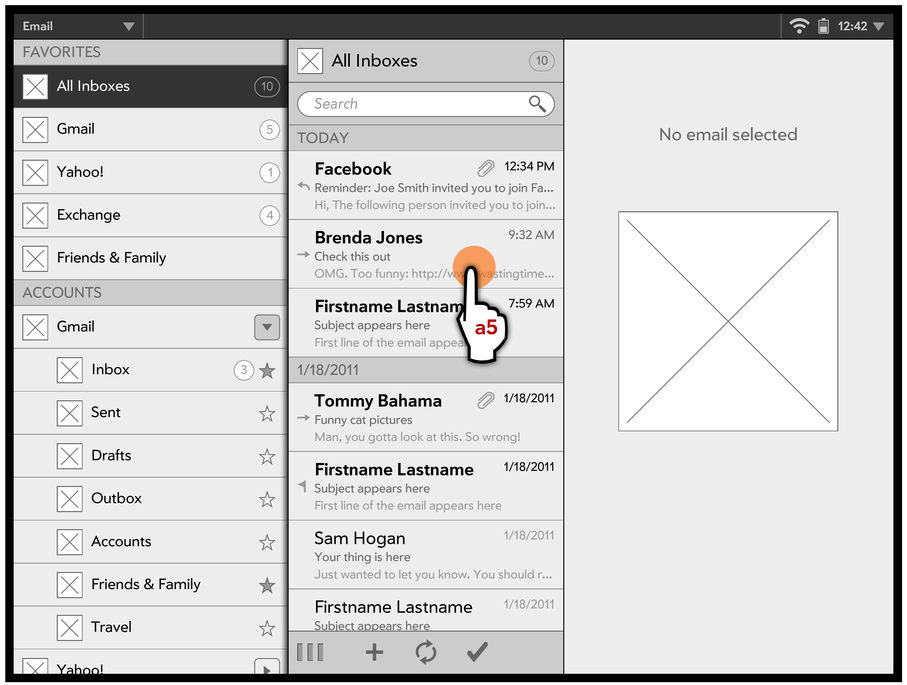
Slide either pane to the right to reveal the accounts & folders pane.

a3. 2.5-pane view

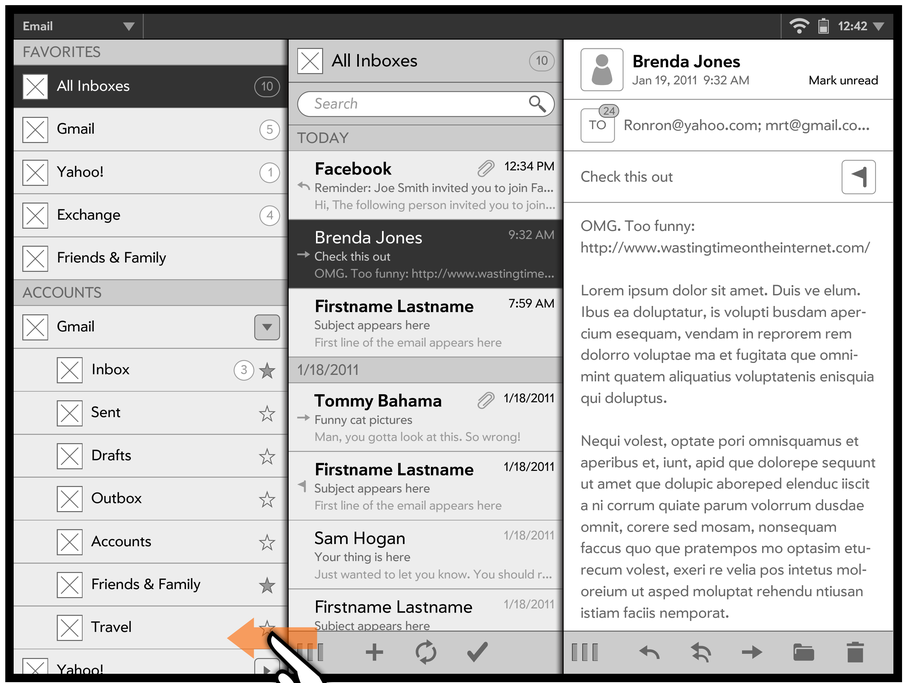


Slide email list pane to the left to reveal more of the email detail pane

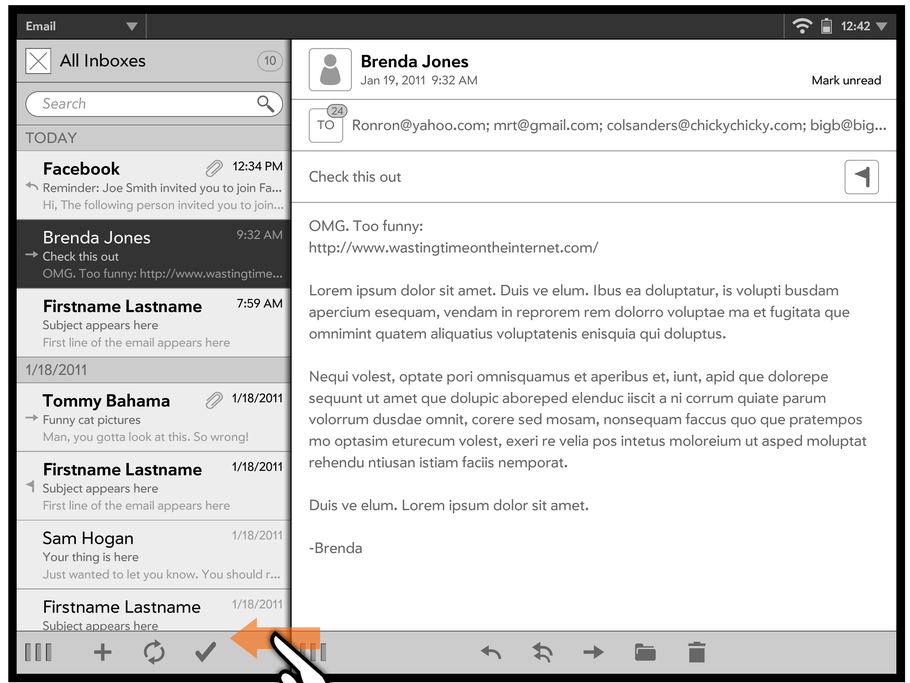
a4. Email app default view, landscape



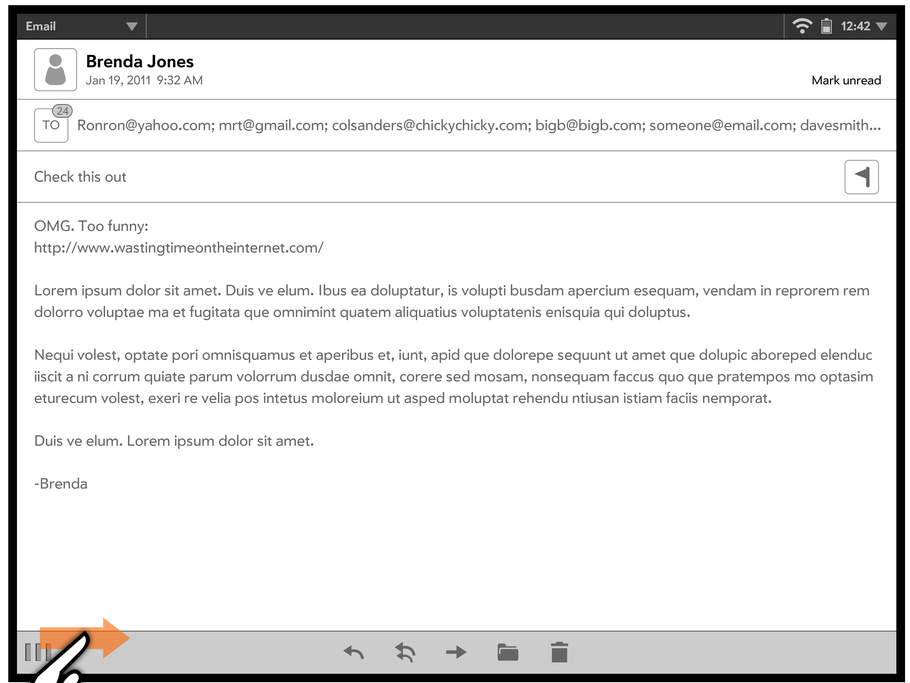
a5. Email list item selected



a6. 2-pane view

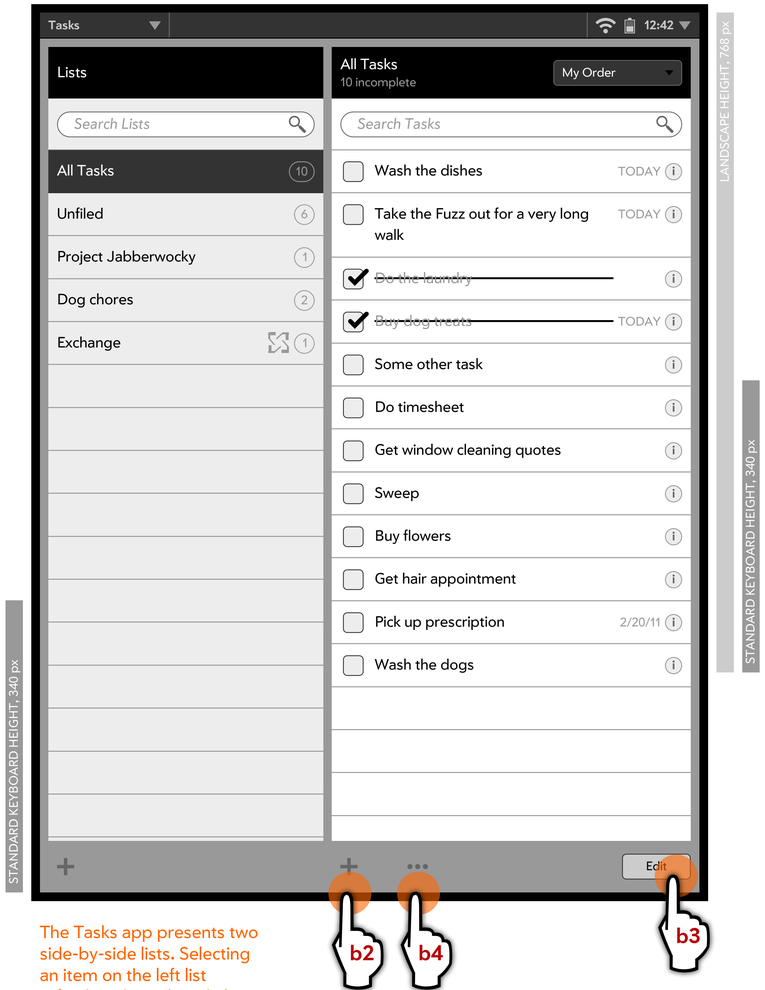


a7. Detail pane view



WIREFRAME EXAMPLE: TASKS APP (SPLIT-VIEW, NOT PANELS)

b1. Tasks app, portrait, showing swipe to delete

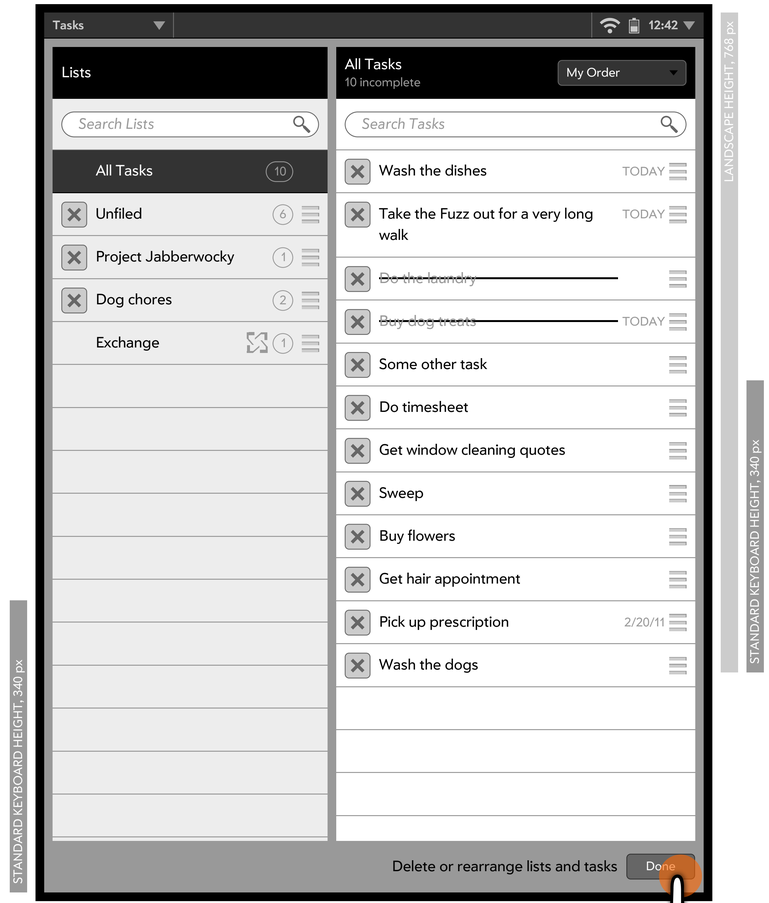


The Tasks app presents two side-by-side lists. Selecting an item on the left list refreshes the right side list of tasks.

b2. Tasks app, portrait, adding new task

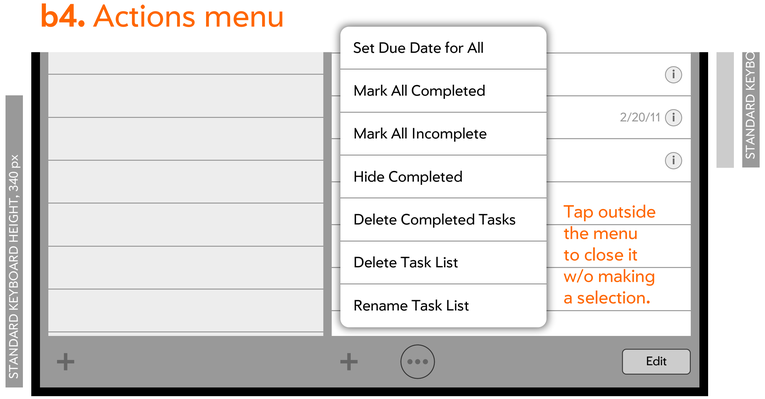
Tapping the “New Task” icon, the keyboard slides up, and since the new task appears at the bottom of the task list, the list is shifted upwards so the textfield is in focus above the keyboard. In this case, typing a task name then tapping return creates a new task, and the list would shift upwards again so the new task would appear above the keyboard.

b3. Tasks app, portrait, edit mode



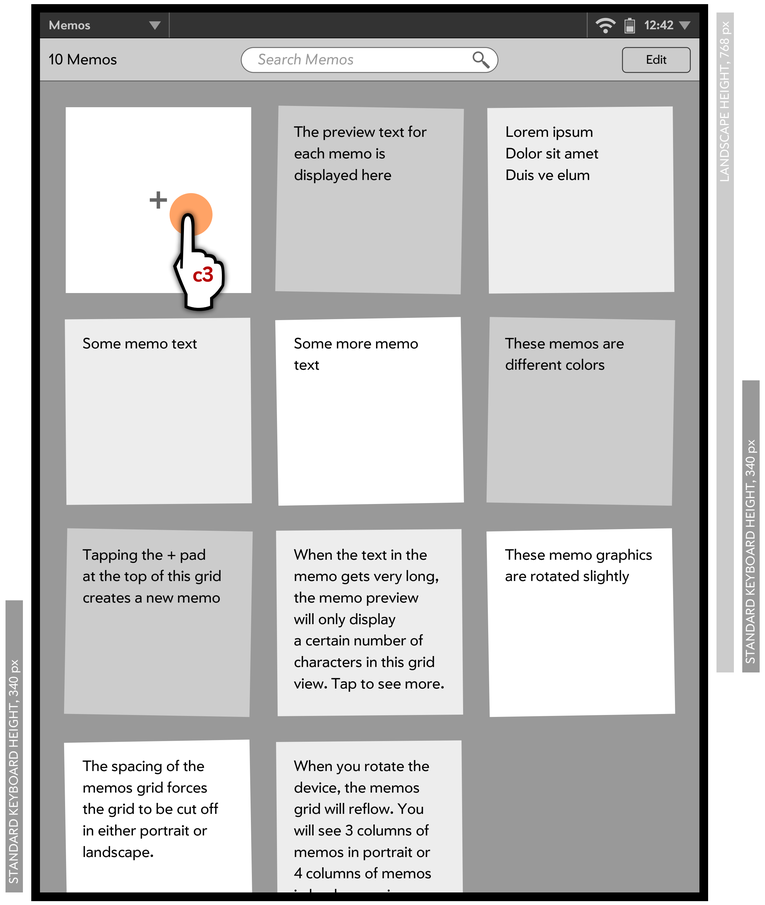
In this edit mode, all the buttons along the bottom edge are replaced by an instruction and a Done button. Visible drag handles and delete buttons also appear on editable list items.

b4. Actions menu



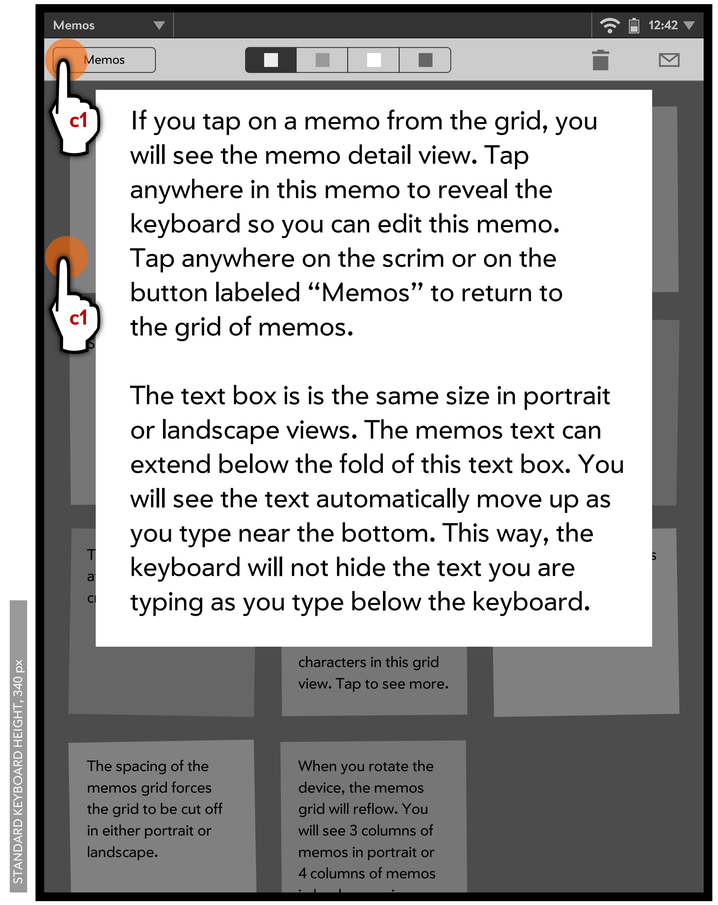
WIREFRAME EXAMPLE: MEMOS APP (FULL-WIDTH LAYOUT w/ REFLOWABLE GRID)

c1. Memos app, portrait, memos grid view

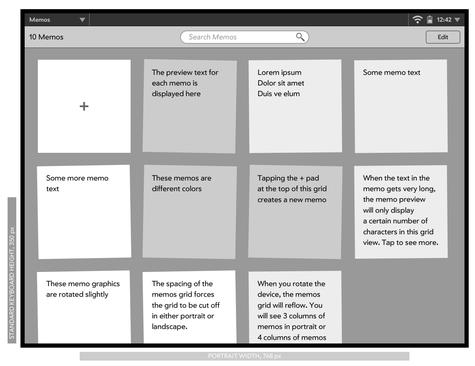


c3. Memos app, portrait, create new memo

c5. Memos app, portrait, memo detail view



c2. Memos app, landscape, memos grid view (50% scale)



c4. Memos app, landscape, create new memo (50% scale)