Firefox OS

Gallery: Edit Mode - Release for 2.1

Version 1.1 August 21, 2014

Questions? E-mail the author or firefoxos-ux@mozilla.com

Release Notes

v1.0	Jul 29 2014	Tiffanie Shakespeare / Katie Caldwell	Spec based off of Gallery Spec for 2.1
v1.1	Aug 20 2014	Katie Caldwell	Added Confirmation Banner Updated spec to reflect ON HOLD feature: "Saved edits" pg 11. • For 2.1 - toolbar icons do not indicate edits to previously edited image

Open Issues

July 29, 2014
Currently, saved edits create copies of an original image in Gallery. Ideally, all edits are "remembered" in a layered fashion on the Original image, saved with the original timestamp. If that is not possible, then perhaps "Save" string should be adjusted to inform the user that a "Copy" or "New" image is being saved (to a new place, with a new timestamp - not necessarily from the original album the image was initially selected from).

Edited Images will be saved as the original (with timestamp), not as duplicates (with new timestamps). Edits are "layered" on the original image and user can return image to original state, if desired.

Update for 2.1:
djf: Aug 18, 2014
We're still editing a copy of the image. The original is never modified, and until the user clicks Save, we're regenerating the preview from the original image, so edits can be made and undone forever. We always re-generate from the original so nothing is lost. When the user clicks save, they'll get a new image, but the original is still displayed. (That may be something we want to change eventually but it is out of scope for what Punam is doing now.) None of this has changed: it is how we did it in the past and it is how we're doing it now.

Punam: Aug 20, 2014
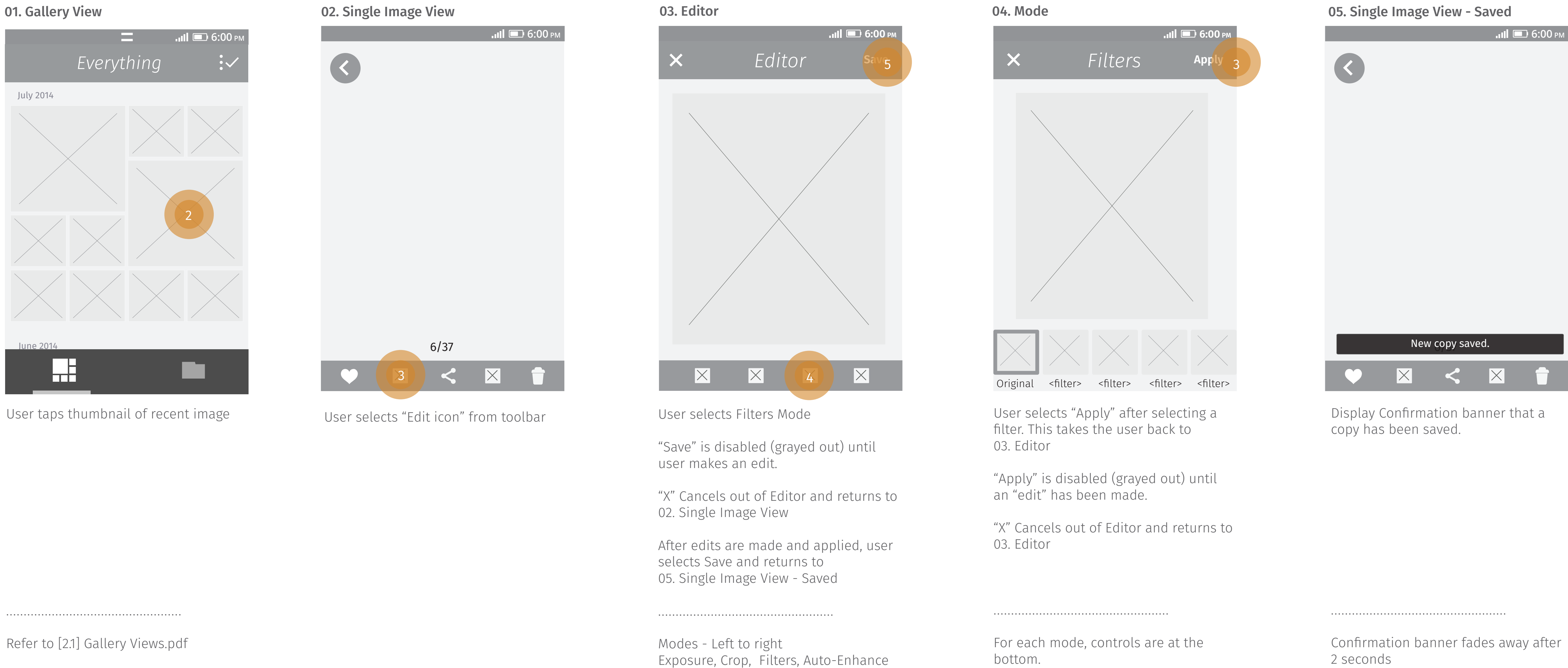I see this requirement is in specs on page 11 - under EditMode- General. It says

'Multiple edit modes (ex: Crop, Filter and Auto-Enhance) can be "on" at the same time (layered). After an image is saved to the Gallery , these edits are remembered. Should the user return to edit mode (opening an edited image), all features that were applied (ex: Filter X) are highlighted within each mode.'

TBH this requirement is the trickiest one and will be difficult to implement in current scope. The way gallery works now, once user clicks save, edited image is saved as new image. AFAIK, there is no easy way to tell what are the edits applied on the new edited image once we come out of edit screen after hitting save.
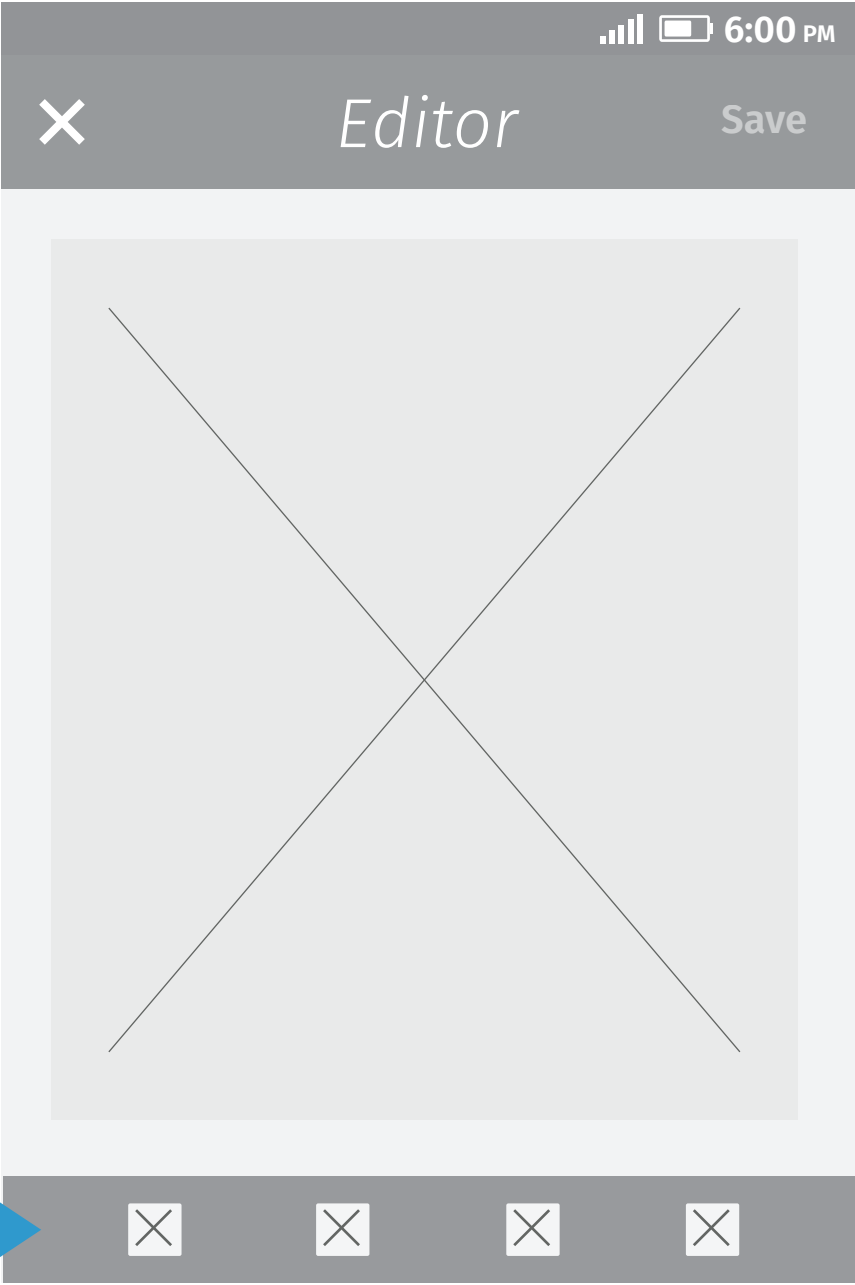
User Stories

Bug 1042319 - [gallery] Update gallery edit UI and Visuals

Wireframes

Gallery - Edit Mode : General Flow

01. Gallery View

User taps thumbnail of recent image

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Refer to [2.1] Gallery Views.pdf

02. Single Image View

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User selects "Edit icon" from toolbar

03. Editor

User selects Filters Mode

"Save" is disabled (grayed out) until user makes an edit.

"X" Cancels out of Editor and returns to 02. Single Image View

After edits are made and applied, user selects Save and returns to 05. Single Image View - Saved

....

Modes - Left to right
Exposure, Crop, Filters, Auto-Enhance

Since Auto-Enhance is the only on/off toggle, and will not go to a new screen , it is recommended to place it last in the mode toolbar

04. Mode

Original   <filter>   <filter>   <filter>   <filter>

User selects "Apply" after selecting a filter. This takes the user back to 03. Editor

"Apply" is disabled (grayed out) until an "edit" has been made.

"X" Cancels out of Editor and returns to 03. Editor

....

For each mode, controls are at the bottom.

05. Single Image View - Saved

New copy saved.

Display Confirmation banner that a copy has been saved.

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Confirmation banner fades away after 2 seconds

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Gallery - Edit Mode : Exposure

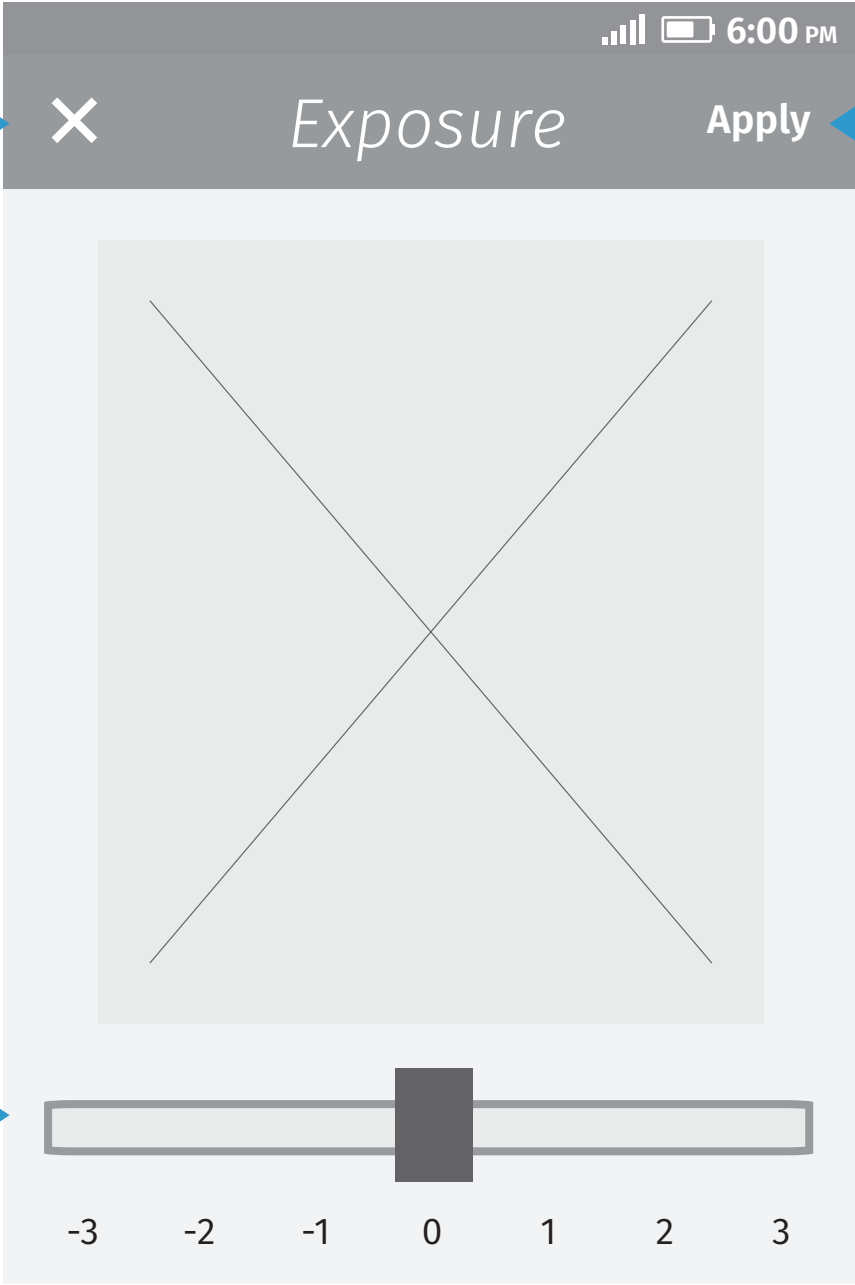## 01. Editor

A

Modes:
Exposure, Crop, Filters, Auto- Enhance

"Save" is disabled until an edit has occurred.

02. Mode: Exposure

B   **D**
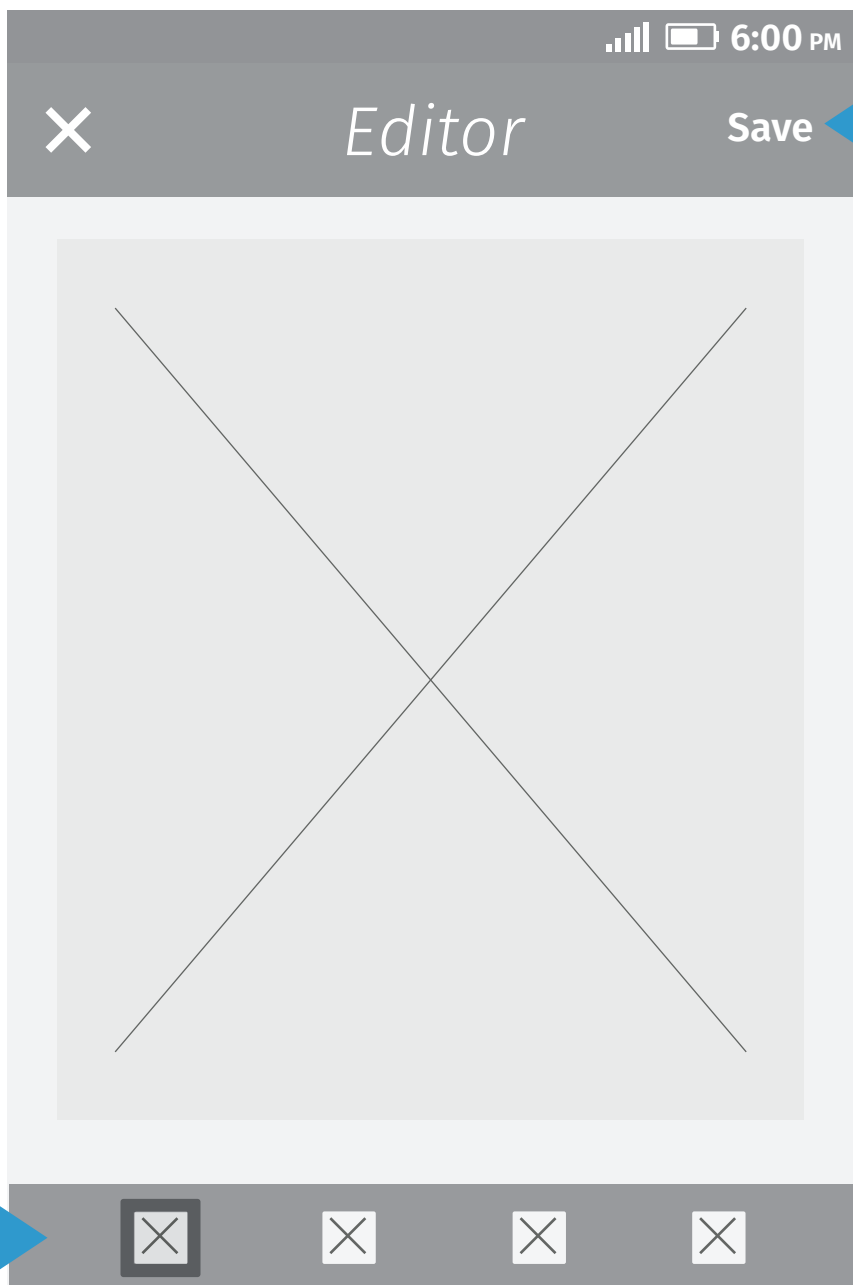
C

-3 -2 -1 0 1 2 3

Exposure defaults to "0" center position

Dragging slider left or right adjusts image exposure. Slider has 7 settings.

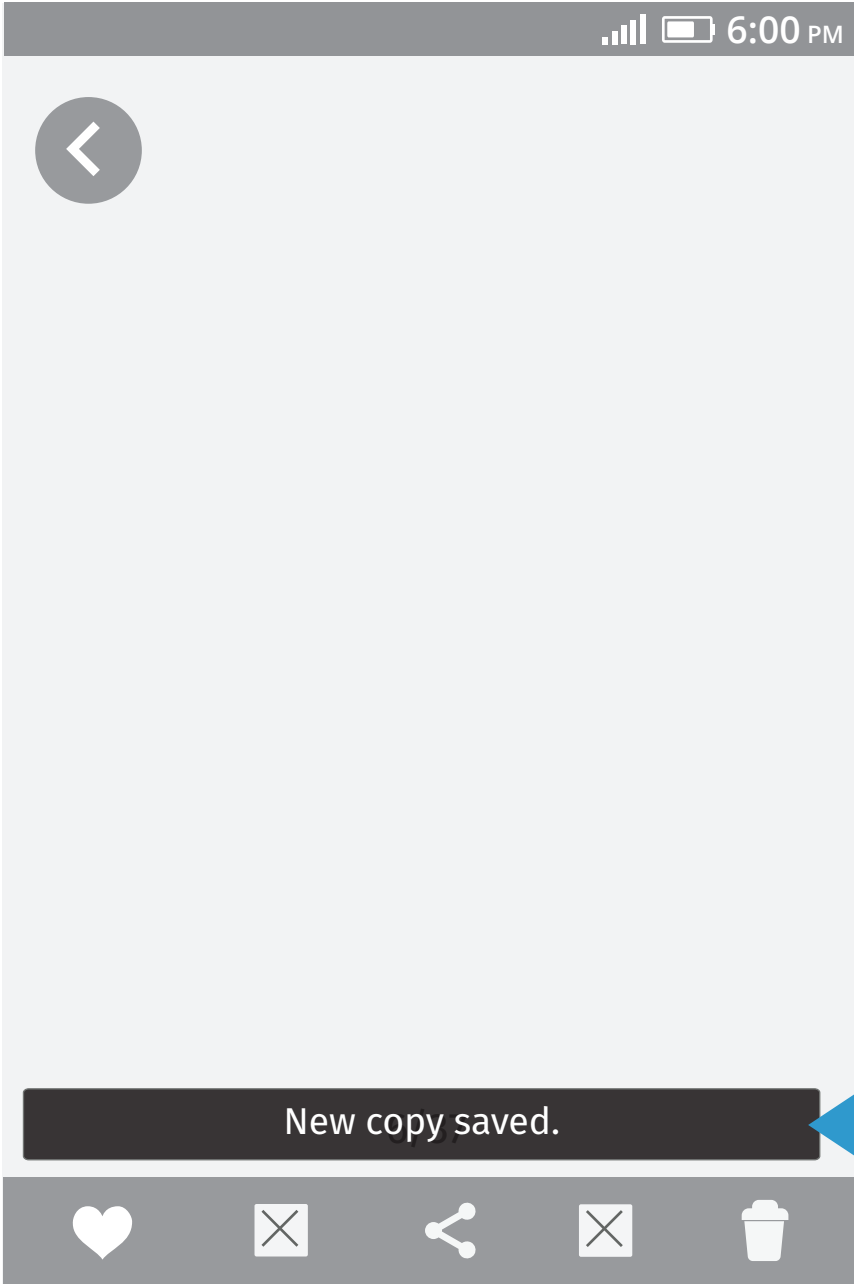"Apply" option is disabled [grayed out] until first edit has occurred.

03. Editor - Exposure Applied

E

A

Exposure icon changes to enabled/On state if the original image has been edited (edits applied).

"Save" returns user to 04. Single Image View-Saved with updated image preview

04. Single Image View - Saved

New copy saved.   **F**

Display Confirmation banner that a copy has been saved. Confirmation banner fades away after 2 seconds.

Notes
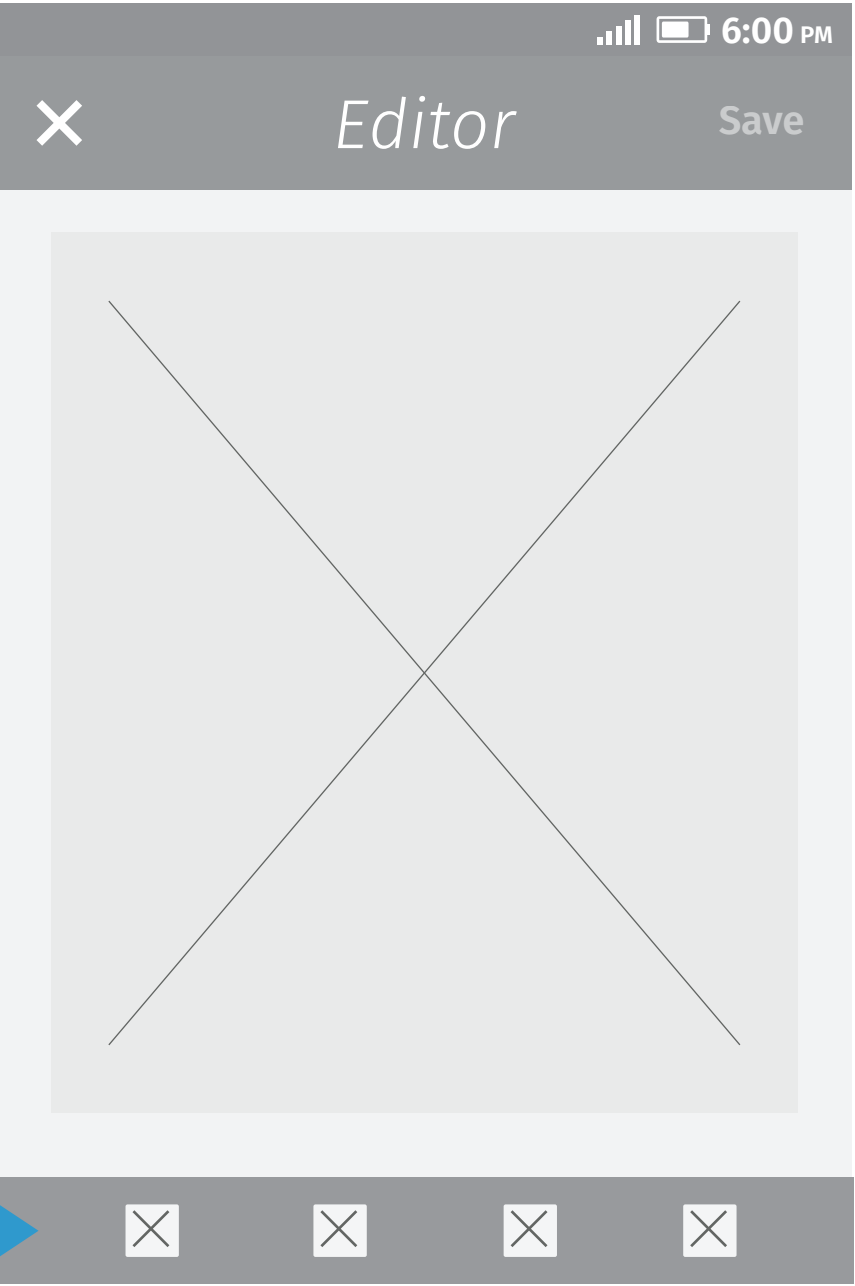
Quick Summary
Exposure uses a slider control with 7 discrete settings. Exposure defaults to the "0" setting.

A **Toolbar - Edit Modes**
From left to right: Exposure, Crop, Filters, Auto-Enhance. Each icon has 2 states: On/Off. Icons default to OFF, only when an edit has been "Applied" in a specific mode does the icon change to ON state. *Exception: Auto-Enhance (see Gallery - Edit Mode: Auto-Enhance for details)*

B **Cancel**
Cancels out of specific Edit mode (ignores any changes made is specific edit mode. Ex: exposure). Returns to 01. Editor screen.

C **Mode Adjustment: Exposure slider**
Exposure uses a slider with a limited range [-3 to +3]. Slider defaults to the center position 0.

D **Apply Edits**
Applies edits to original image and returns to 03. Editor screen

E **Saves Edits**
Saves edits and updates Single Image View to reflect edits.

F **Confirmation Banner**
Displays message to user confirming saved edits and that a new copy of the image exists.
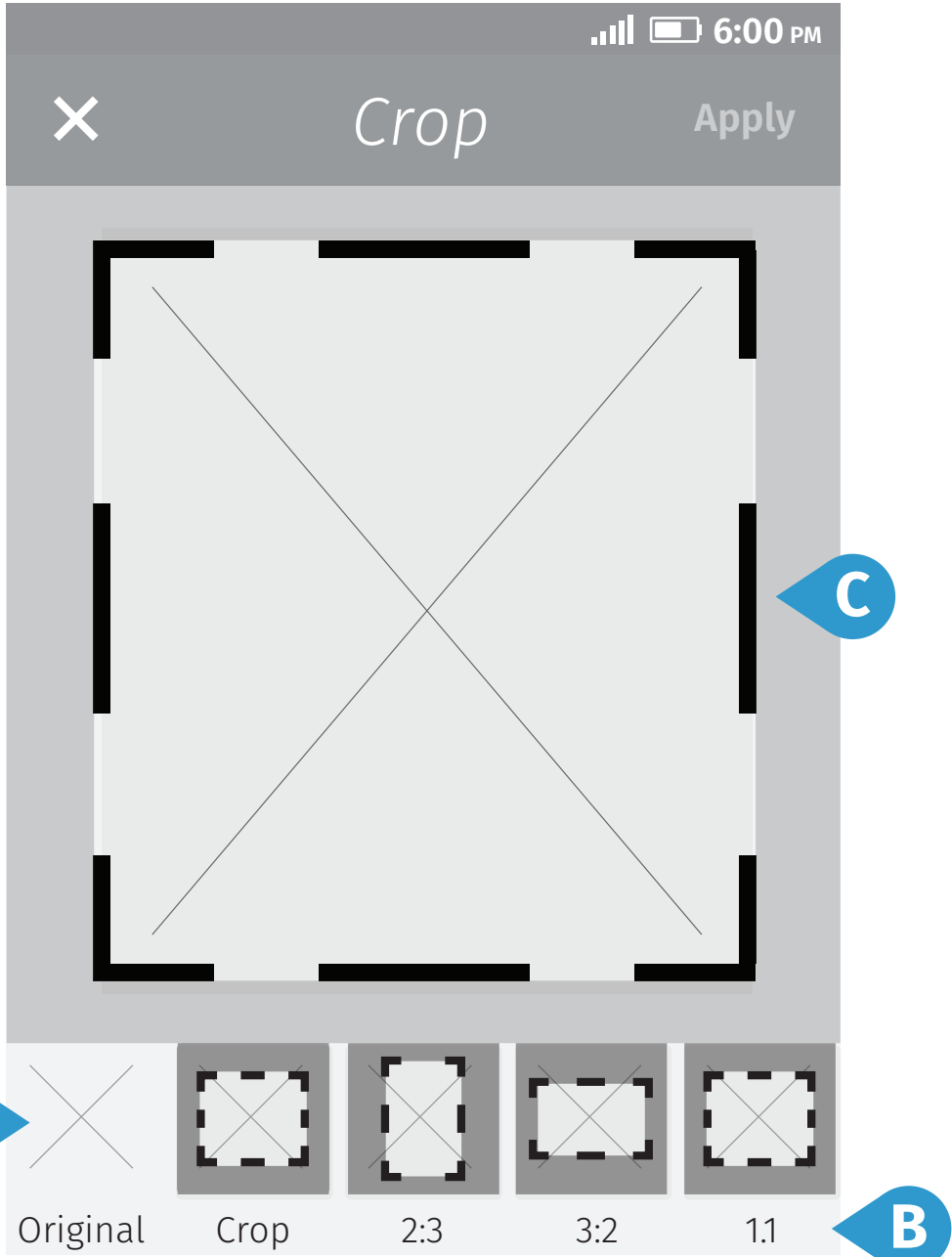
Gallery - Edit Mode : Crop

01. Editor

Ⓐ

Modes:
Exposure, Crop, Filters, Auto- Enhance

"Save" is disabled until an edit has occurred.

02. Mode: Crop

Ⓒ

Ⓐ

Original   Crop   2:3   3:2   1.1   Ⓑ

by default, Free Crop tool is highlighted

Scale **(and animate?)** image slightly from edges to avoid confusion with edge swipe gesture to change app
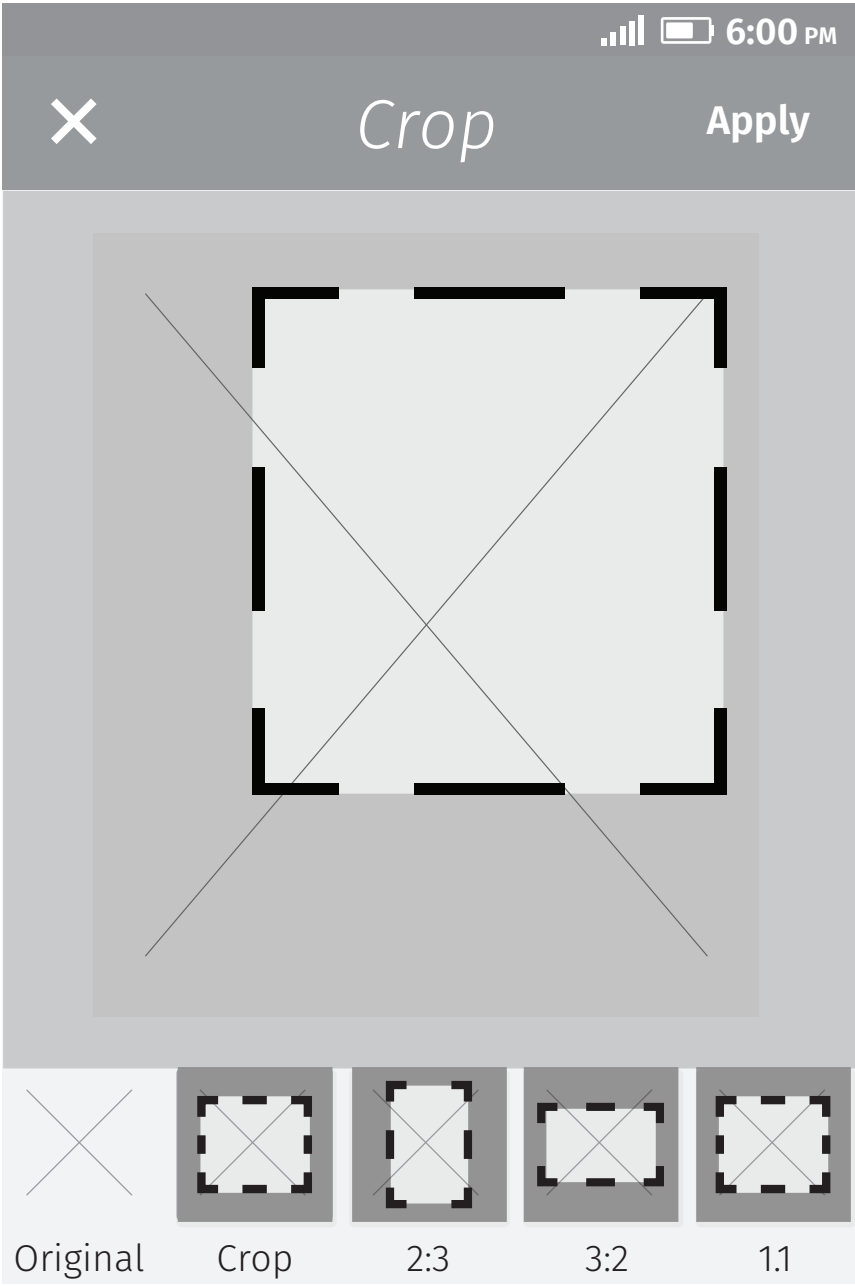
Have crop handles appear inside edges of image to avoid edge swipe gesture between dragging edges of crop tool and side gesture for jumping to another app

Labels have been added below crop tools

"Apply" option is disabled [grayed out] until first edit has occurred.

"Original" string TBD

03. Mode: Crop

Original   Crop   2:3   3:2   1.1
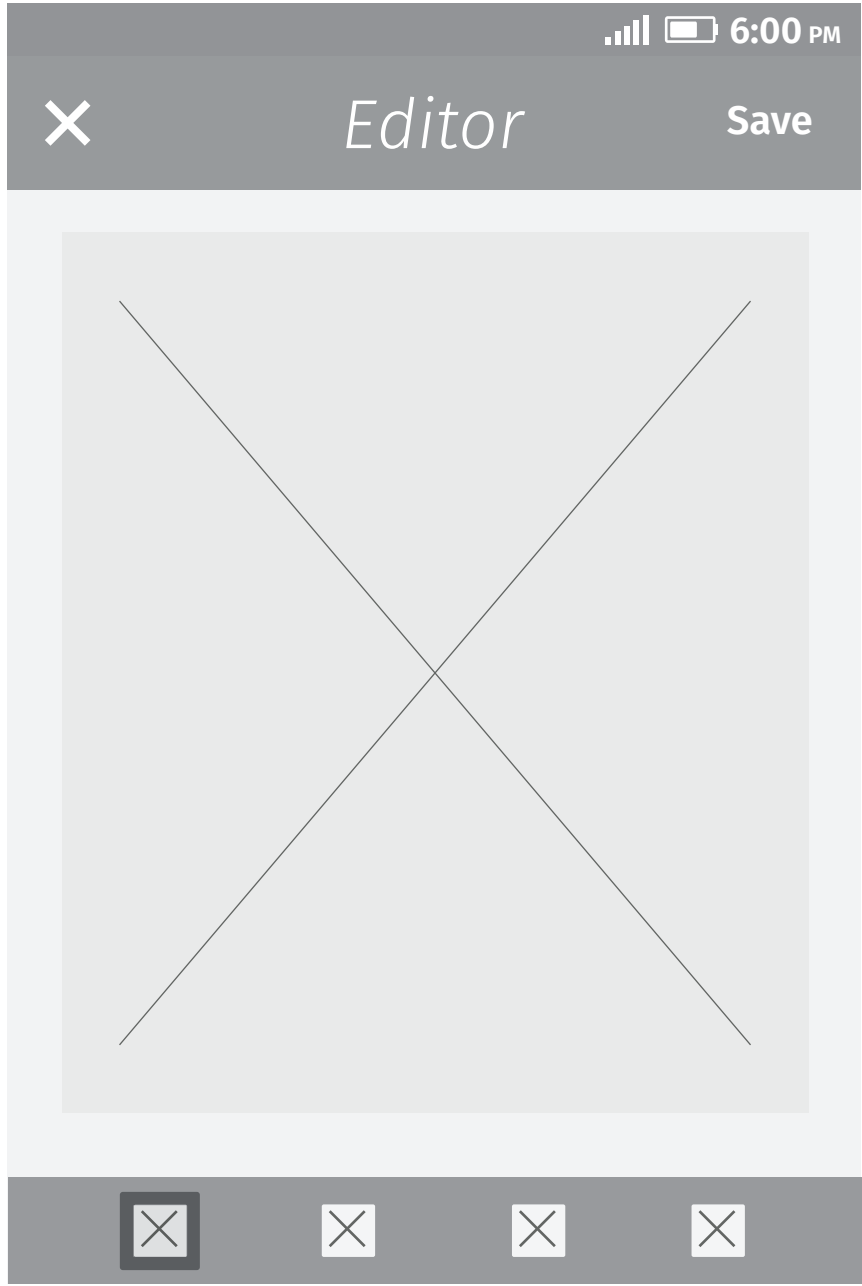
Dragging handles of crop tool (corners, left/right, and top/bottom) masks original image

Selecting a specific ratio option limits the aspect ratio of cropping tool

Tapping "Original" reverts image to original, uncropped state

Should cropped area zoom in after user makes edits - so user can see greater detail/have more control over specific crop?

04. Editor - with Crop

Crop icon changes to "ON" state if the original image has been cropped.

"Save" returns user to Single Image View with updated image preview with confirmation banner.

Notes

Quick Summary
Crop allows users to change to size of the image by masking (hiding) a portion of the original image.

Ⓐ **Mode Controls: Crop Options**
Based on current crop options. From Left to right: Original, Free Crop, 2:3, 3:2, 1:1

Ⓑ **Labels Added**
Labels for different crop tools are below icons for consistency with Filters, including "Original"

Ⓒ **Crop Handles**
To avoid complication with left to right swipe gesture for navigating between apps, scale image slightly and, if possible, place crop handles INSIDE image frame.
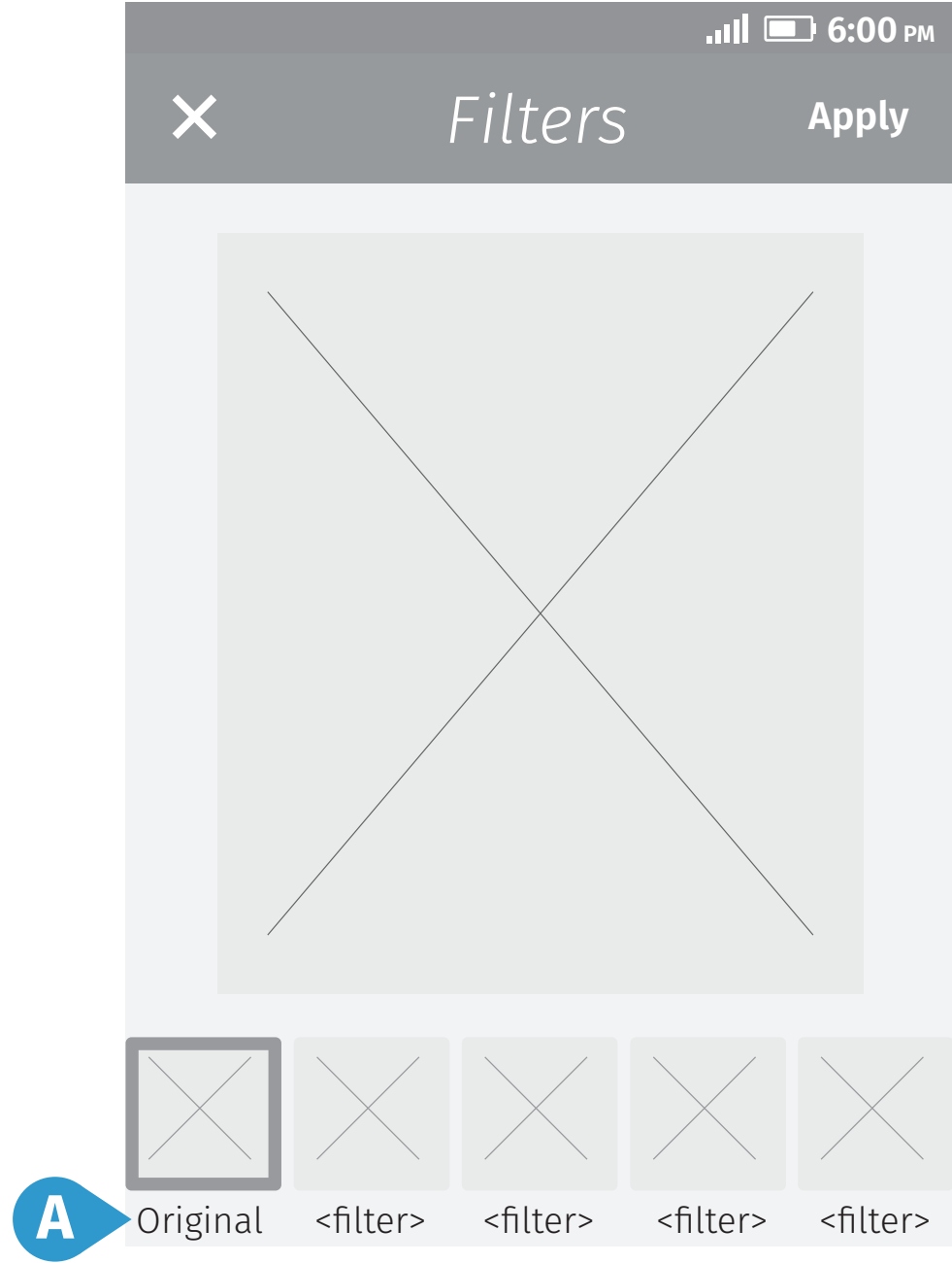
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Gallery - Edit Mode : Filters

01. Editor
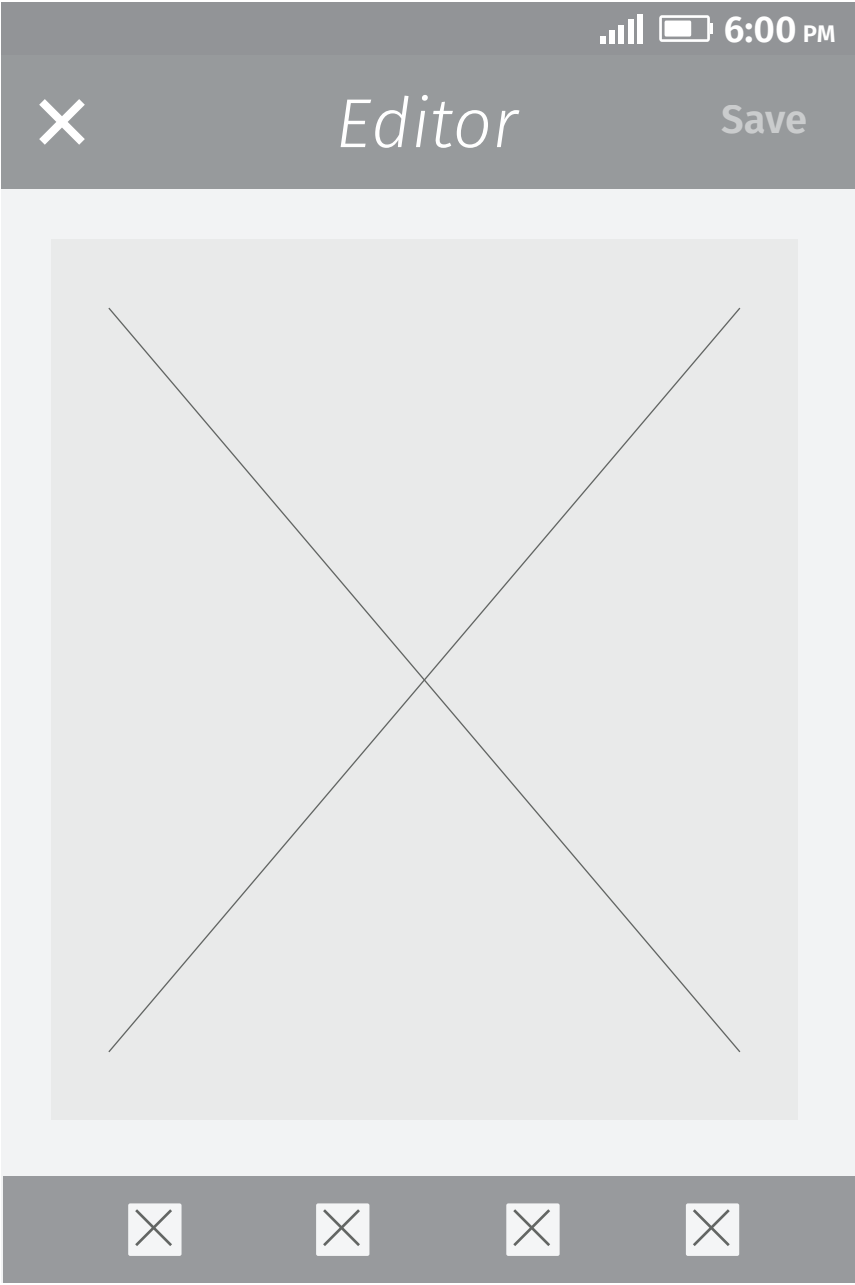
✕	Editor	Save

Modes:
Exposure, Crop, Filters, Auto- Enhance

"Save" is disabled until an edit has occurred.

02. Mode: Filters

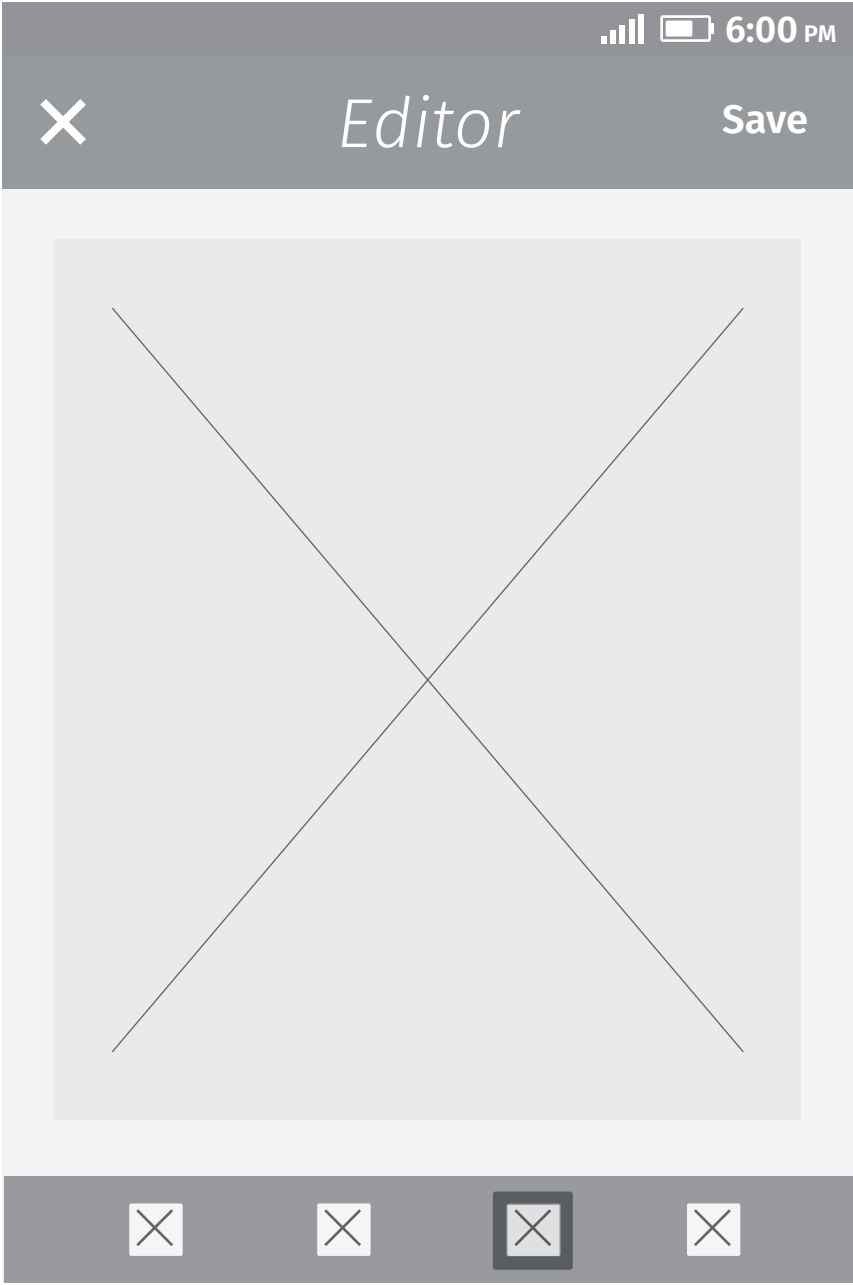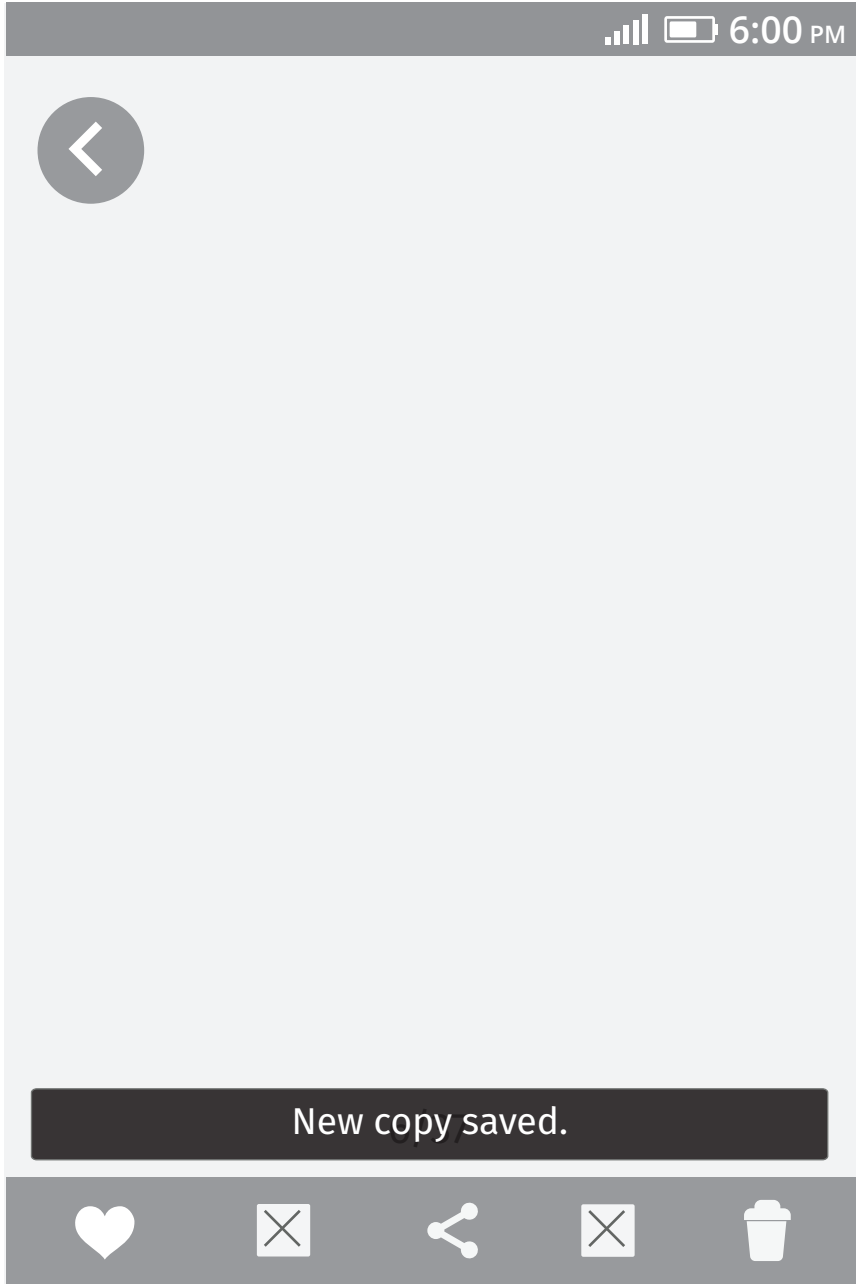

Original | <filter> | <filter> | <filter> | <filter>

Ⓐ

Defaults to Original highlighted in toolbar

"Apply" option is disabled [grayed out] until first edit has occurred.

Once edits have been made, "Apply" becomes active and tapping "Apply" returns to 03. Editor screen with changes to image

Strings TBD ?

03. Editor - Filter Applied

Filter icon changes to "ON" state if the original image has been edited.

"Save" returns user to Single Image View with updated image preview

04. Single Image View - Saved

New copy saved.

Display Confirmation banner that a copy has been saved. Confirmation banner fades away after 2 seconds.

Notes

Quick Summary
There are 4 preset filters, plus the option to revert to original image.

Ⓐ **Labels Added**
Add labels below each filter, including "Original" where no filter has been added. The label [strings TBD] shows the filter name so users understand what the icon does. Labels are consistent for Exposure, Crop & Filters
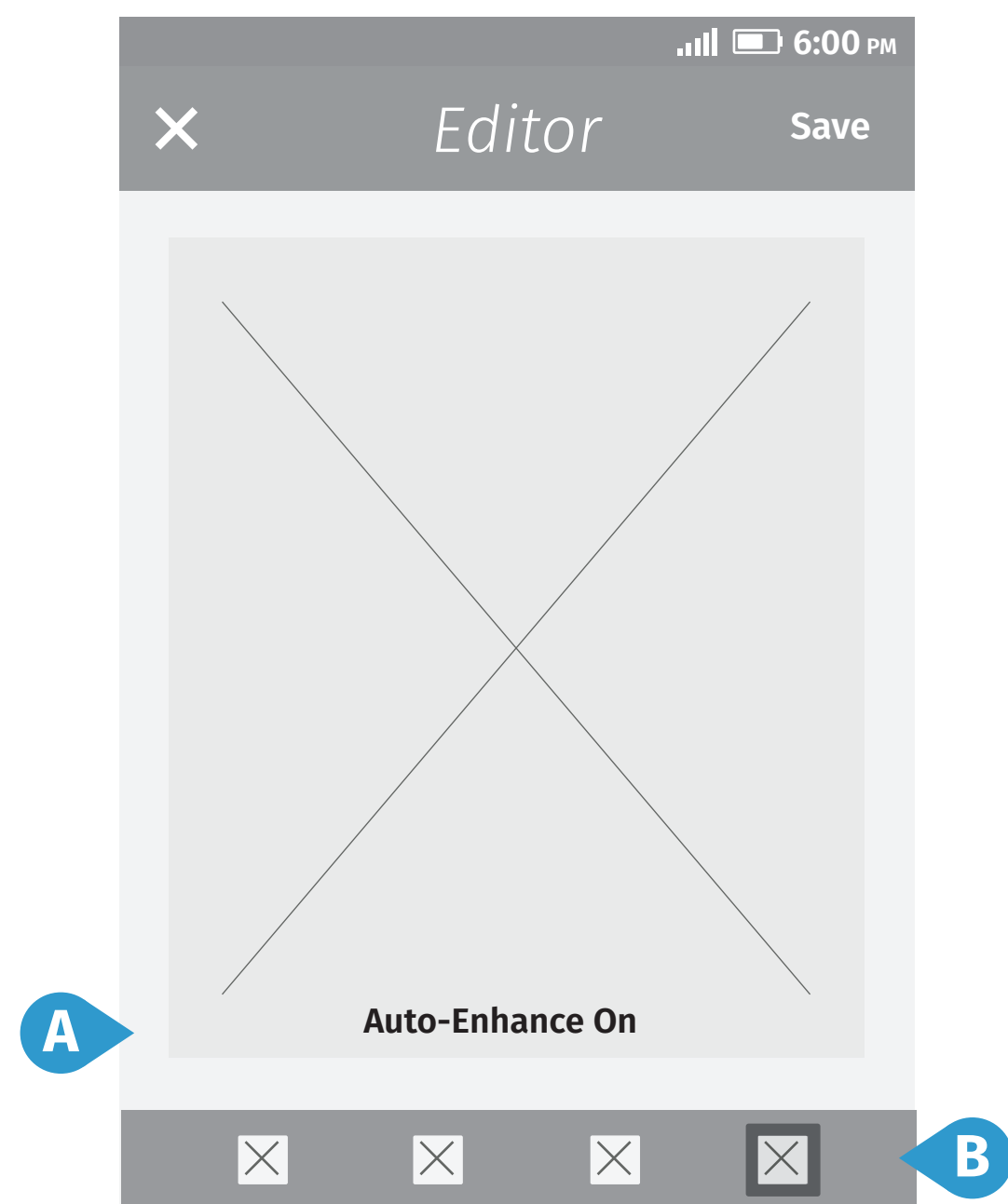
Gallery - Edit Mode : Auto-Enhance

01. Editor

| ✕ | *Editor* | Save |

Auto-Enhance On (not present in screen 1)
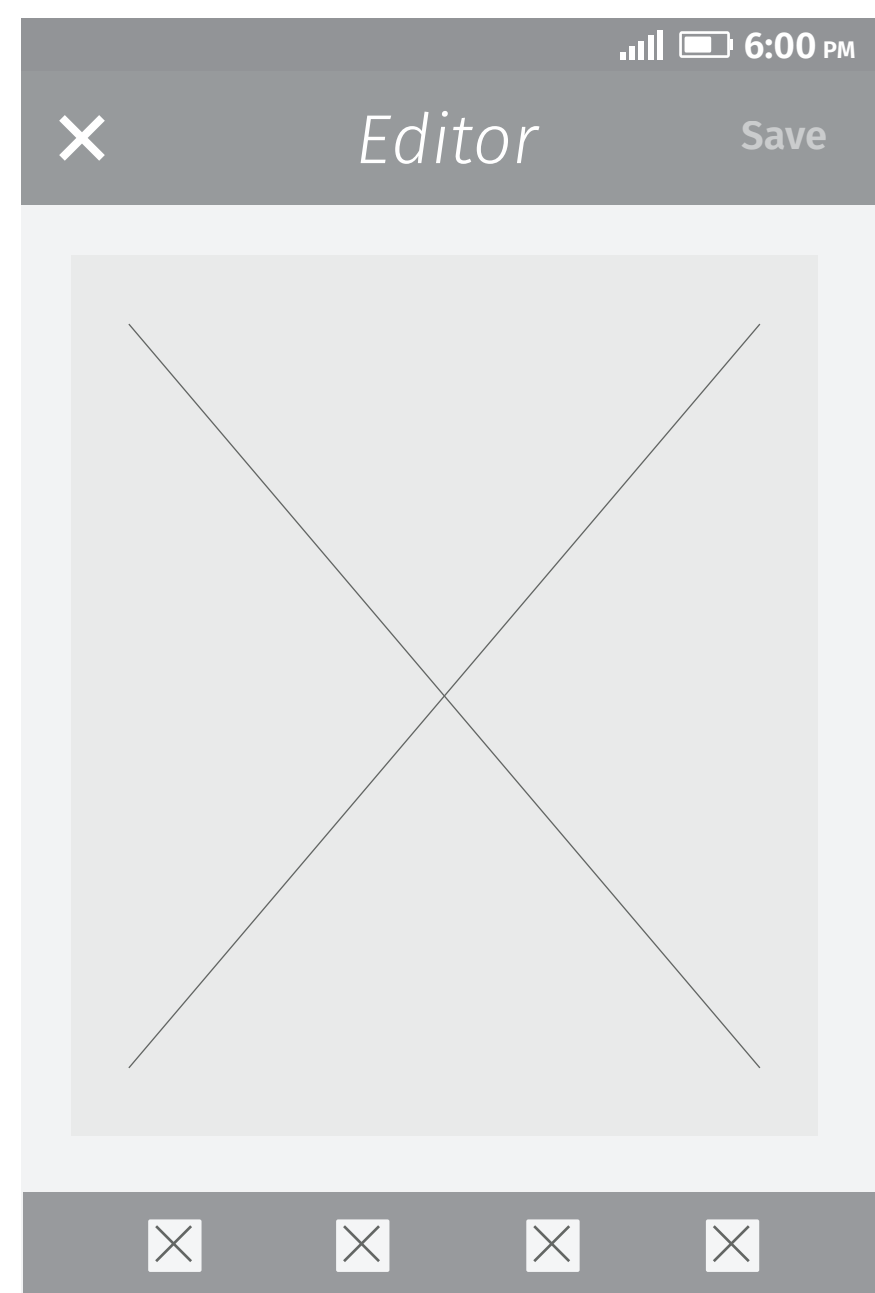
Modes:
Exposure, Crop, Filters, Auto- Enhance

"Save" is disabled until an edit has occurred.

02. Enabled Auto-Enhance

| ✕ | *Editor* | Save |

Auto-Enhance On

The Auto-Enhance icon itself is a toggle and reflects the current state. Each time tapped, the state is toggled.

Tapping the Auto-Enhance icon displays a textual confirmation (A) and the icon changes to the ON state. Text fades out in 3 seconds.

Tapping the Auto-Enhance icon again disables the feature and a textual confirm appears "Auto-Enhance Off". Icon returns to default OFF state.

Tapping "Save" returns to Single Image View

03. Single Image View - Saved
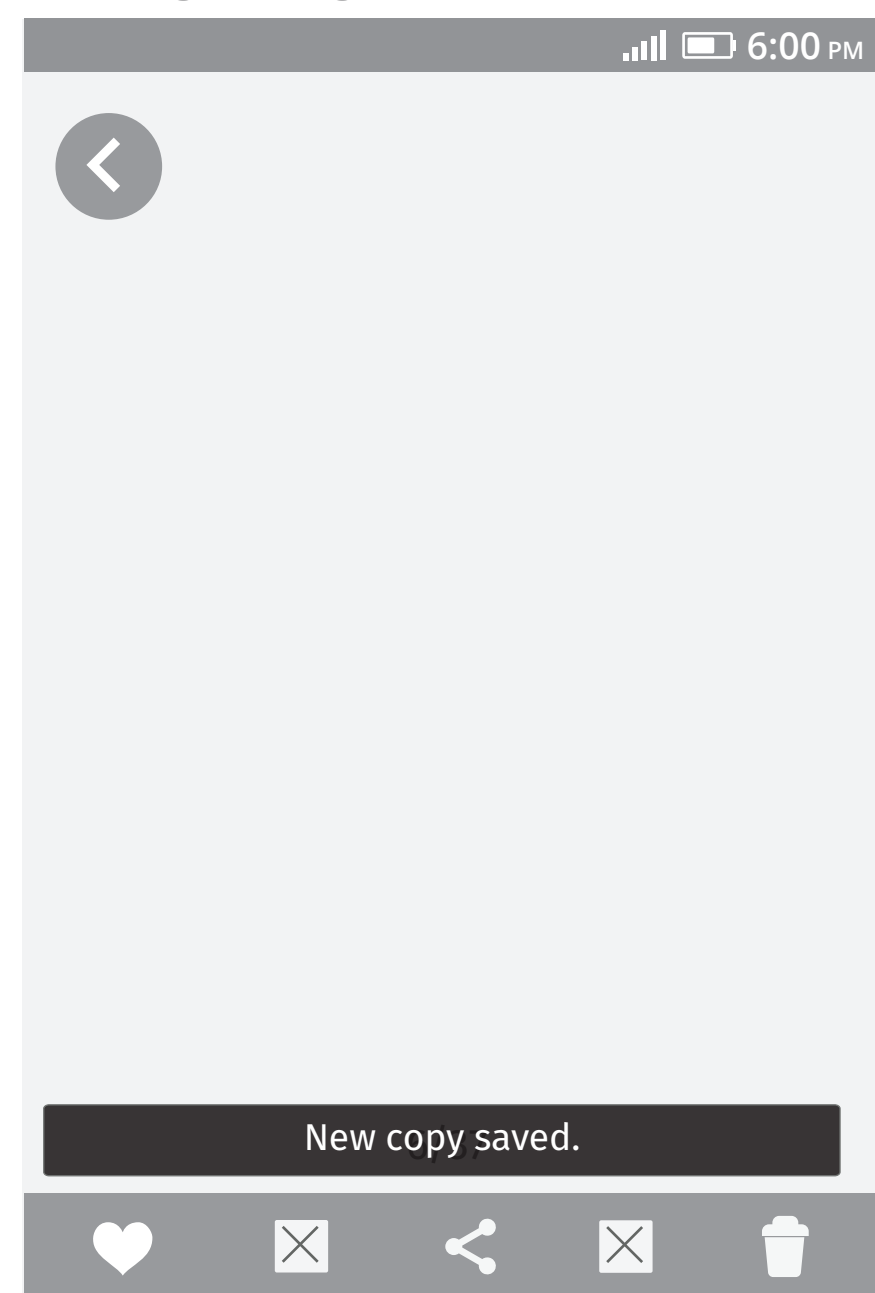
New copy saved.

Display Confirmation banner that a copy has been saved. Confirmation banner fades away after 2 seconds.

Notes

Quick Summary
Auto-Enhance is 2 state edit mode. Auto-Enhance is, by default, set to OFF. Tapping the Auto-Enhance icon in the toolbar turns Auto-Enhance ON. Image will change to reflect ON state and the icon in the toolbar will reflect that an edit has been made.

A **Confirmation/Display Text**
The text shows the feature name so users understand what the icon does. This also shows the current state - on or off - in addition to the icon. Displays for 3 seconds after the setting (on/off) has been selected

B **Toolbar Icons**
Toolbar icons have 2 states: On/Off

Gallery - Edit Mode : General

01. Editor -

⊠ 6:00 PM

✕　　　*Editor*　　　Save

ON HOLD

Ⓐ ⊠ ⊠ ⊠ ⊠

When returning to an already edited image, toolbar "remembers" edits and icons indicate if a mode/feature is "On".

"Save" is disabled until an edit is made.

02. Mode: Filters

⊠ 6:00 PM

✕　　　*Filters*　　　Apply

Original　<filter>　<filter>　<filter>　<filter>

Highlights filter saved from previous edit.

"Apply" option is disabled [grayed out] until new edit has occurred.

Thanks!

From your friends in Firefox OS UX