

Firefox OS



[2.1] Ringtones : Transfer from SD Card

Version 1.1 August 14, 2014

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

Release Notes

v1.0	Aug 12, 2014	Katie Caldwell	New spec based off of 2.0 work
v1.1	Aug 14, 2014	Katie Caldwell	Added Flow for Remove SD Card

Open Issues / Conversation Notes

Edge Cases from Jim:

1. Q: What happens when the SD card is removed? (If it's like the music app, I think we'd treat that as all the ringtones being deleted.)

A: (Jim - Aug 13) for 2.1 - it behaves as though it's temporarily unavailable = ringtone still exists (as a copy) associated with users choice (ex: default), but it does not appear in the list of ringtones

A: (Katie - Aug 13) for 2.2 - if the SD Card is removed, all related sd-ringtones go away and behave as though they have been deleted. All sd card assigned ringtones to contacts/alarms return to ffos default sounds

NEW Q: Is it possible, that if the user puts the SD Card back in, previously assigned ringtones are “remembered” / recognized as already assigned as defaults or to contacts, and/or alarms?

A: (Jim - Aug 13) - Yes, assigned ringtones are recognized

2. Scanning for new ringtones will probably be somewhat slower than the other methods, so maybe we want a loading throbber. (Probably best to wait until we have numbers, though.)

A: (Jim - Aug 13) It is very unlikely that a user will ever see progress loading bar, 20+ ringtones will load in seconds.

3. Q: Should we try to parse the metadata for files? That seems like an awful lot of code to import for something so simple. Maybe we can just use the filenames.

A: Filename is most likely to be recognized (and be most useful) to the user

4. Q: Should deleting an SD card ringtone from within the ringtones app delete the actual file? (Probably.)

A: Yes

5. Q: Do we want separate folders for Ringtones and Notifications? What does Android do here?

: It looks like Android has 3 folders to put sounds in: /Ringtones,/Notifications, and /Alarms

A: (Jim - Aug 13) Currently using separate folders “Ringtones” and “Notifications”

a: (Jim - Aug20) The folder names are either case-sensitive or case-insensitive depending on the filesystem you chose for the SD card, but that's usually FAT32, so it's case-insensitive in that case.

For 2.1 in Settings » Sounds, change “Manage Ringtones” to “Manage Tones” as List item

Deleting Ringtones in Tones Manager - deletes all instances of ringtone in Contacts and Alarms

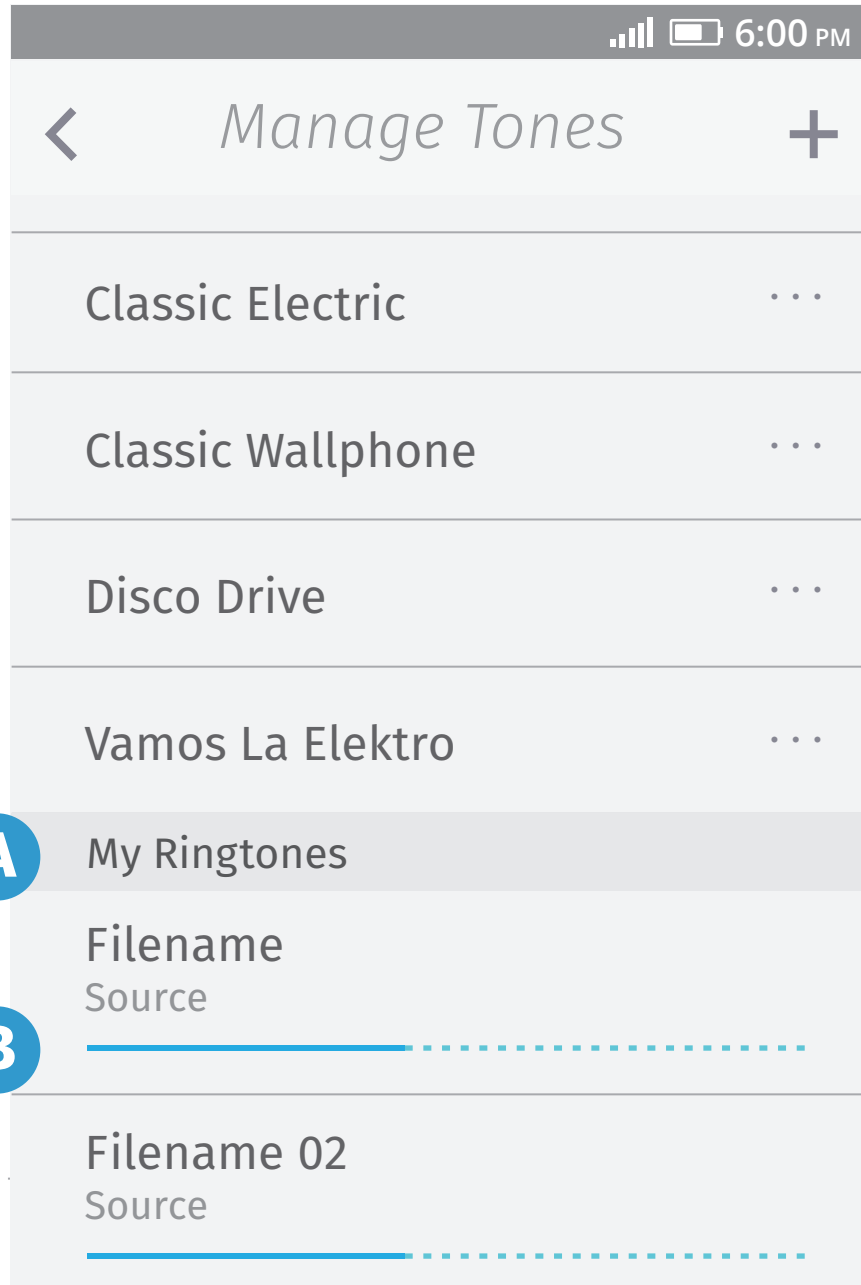
User Stories

https://bugzilla.mozilla.org/show_bug.cgi?id=1027995

As a user, I want to transfer my ringtones on my SD card (ringtones used on android phone) to my firefox OS device

Ringtones - Transfer from SDCard - Details

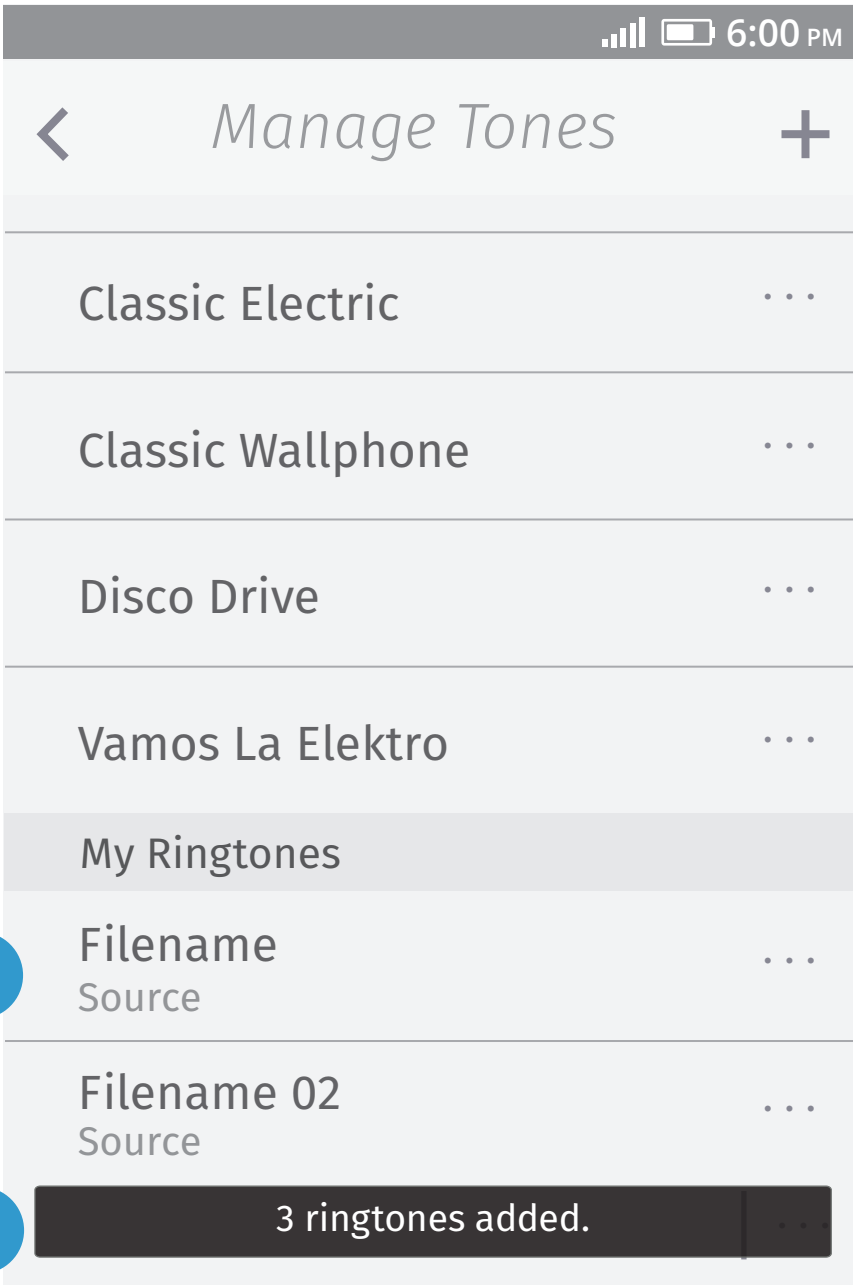
1. Ringtones List - reading SD Card



If the loading/transfer of ringtones from SD Card requires time, give visual indication of progress to the user.

Note: it is very unlikely that the user will ever see progress bars, as ringtones load very quickly from SD Card.

2. Ringtone List - updated



If the Ringtone Manager was open during transfer of ringtones, display banner of successful transfer to My Ringtones

Display Filename of ringtone and if/when possible secondary information based on metadata (artist/source)

Notes

Quick Summary

Transfer of ringtones should require minimal UX. Transfer of ringtones should occur “behind the scenes.”

A Subheader
Subheader text is changing from Custom Ringtones to My Ringtones.

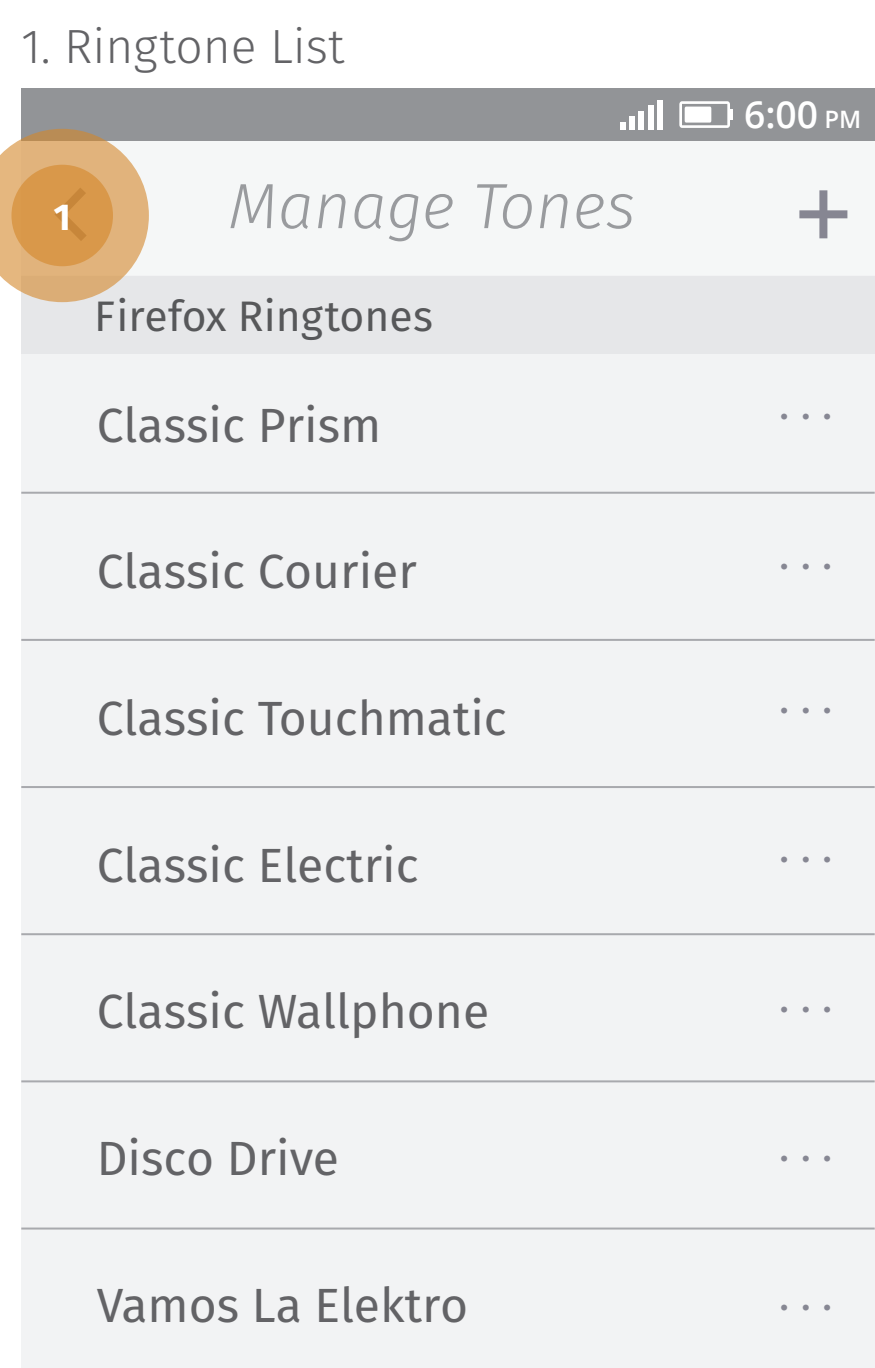
B Inline Progress Bar
Inline Progress Bars animate while the activity is progressing, without preventing the user from performing other tasks and there is a known amount of data being received or the duration of the task being performed can be predicted.

C Filename & Source
When loading ringtones from SD Card, the title of the song or filename becomes the ringtone name. If the filename already exists, the file should auto-increment by one. e.g Reflektor (1).

Additionally, secondary information should be provided as a subtitle. This could be an artist or some other metadata.

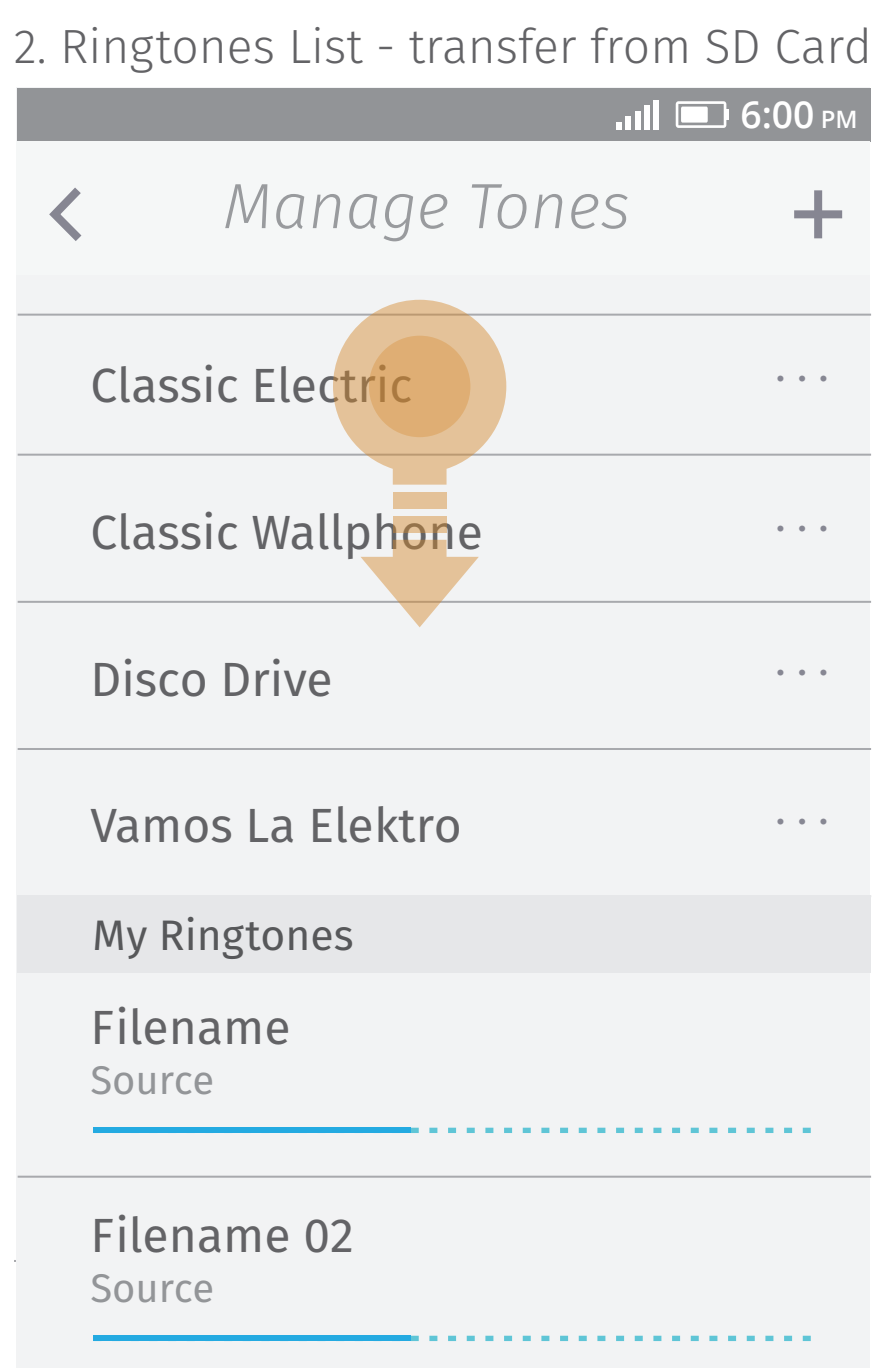
D Banner
Banner is used to relay information to the user in a transitory fashion, typically to confirm a user action (deletion) or to alert the user to a system event (transfer successful).

Ringtones - Transfer from SDCard - Flow



Ringtones list.

Tapping cancel returns to Sounds with no other action taken.



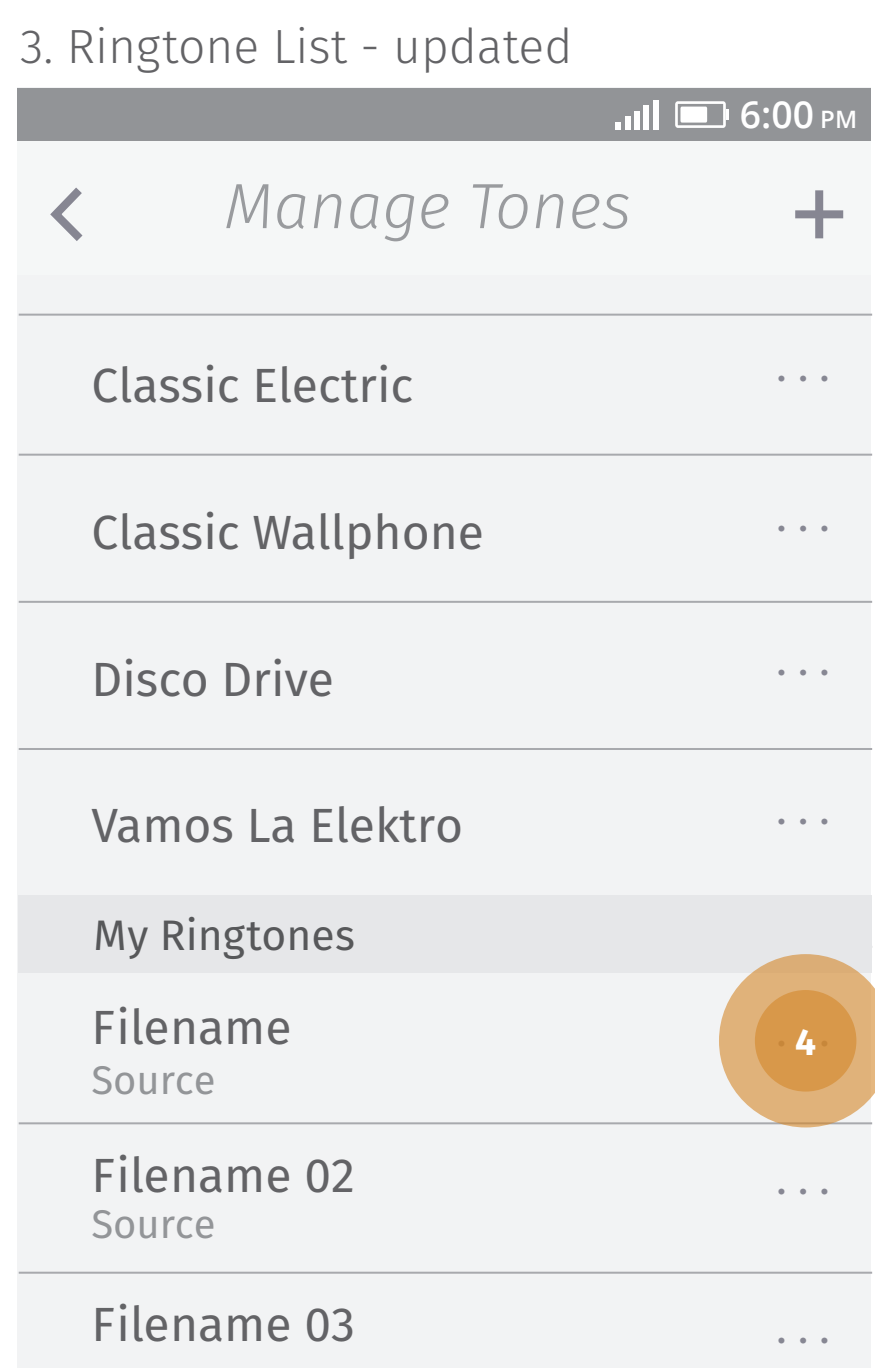
Scrolling down to “My Ringtones” In the VERY unlikely situation, may require an inline progress bar as the phone reads and transfers ringtones from the SD Card.

If no SD Card with user-defined ringtones and/or alerts, then “My Ringtones” and “My Alerts” is not visible in the list

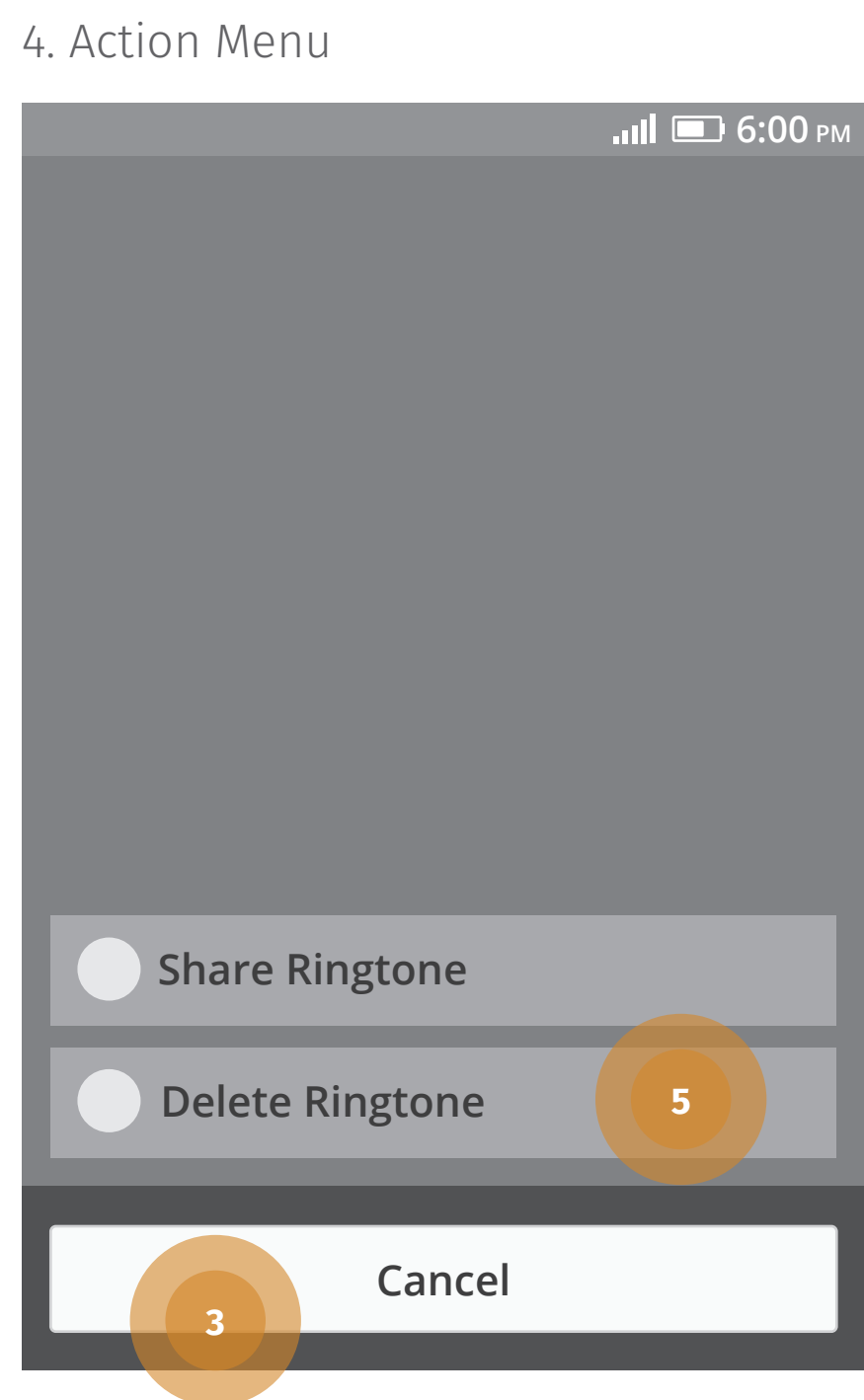
.....

Building Block:

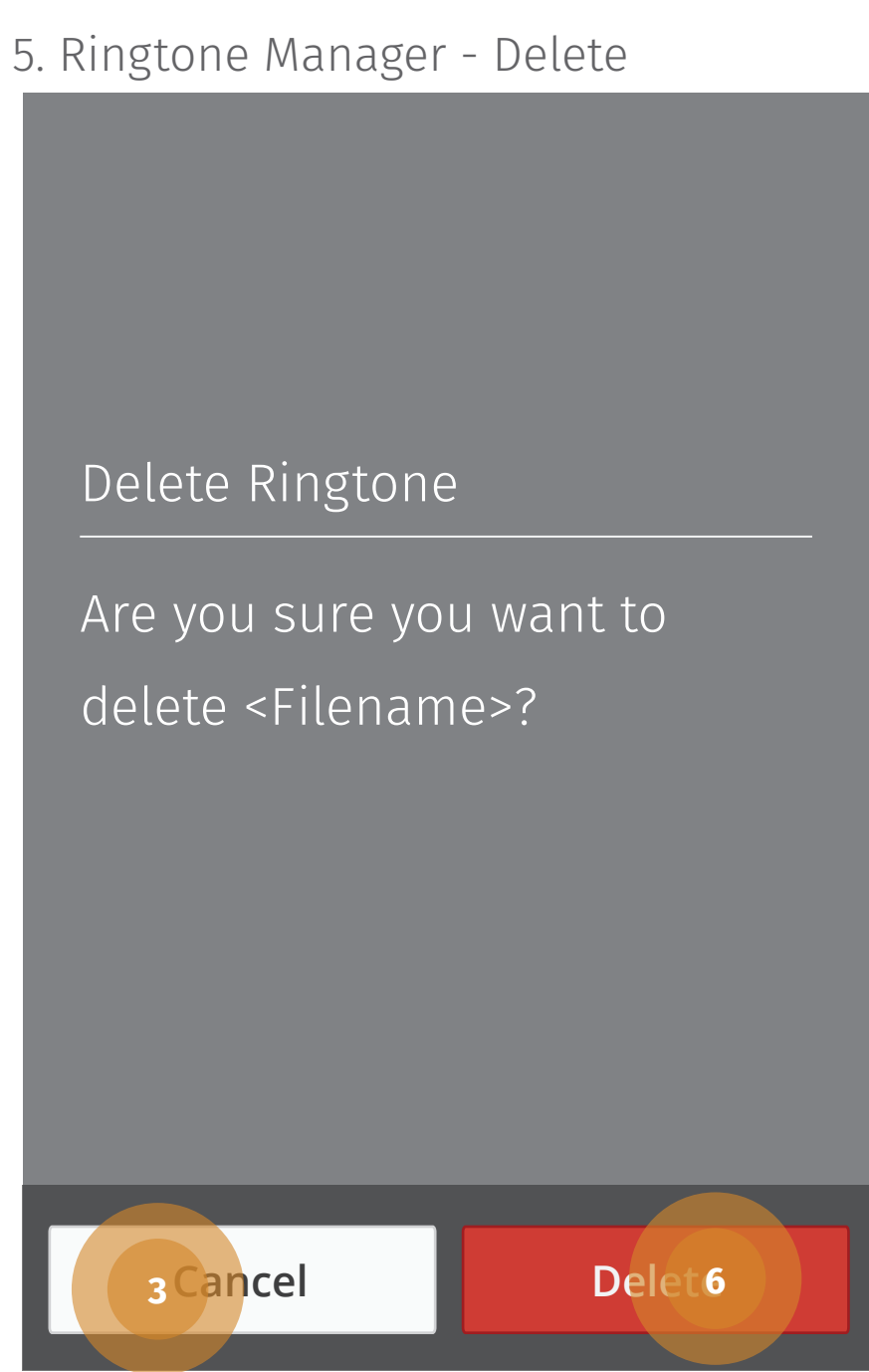
Inline Progress Bars animate while the activity is progressing, without preventing the user from performing other tasks and there is a known amount of data being received or the duration of the task being performed can be predicted.



Ringtones are listed by filename.



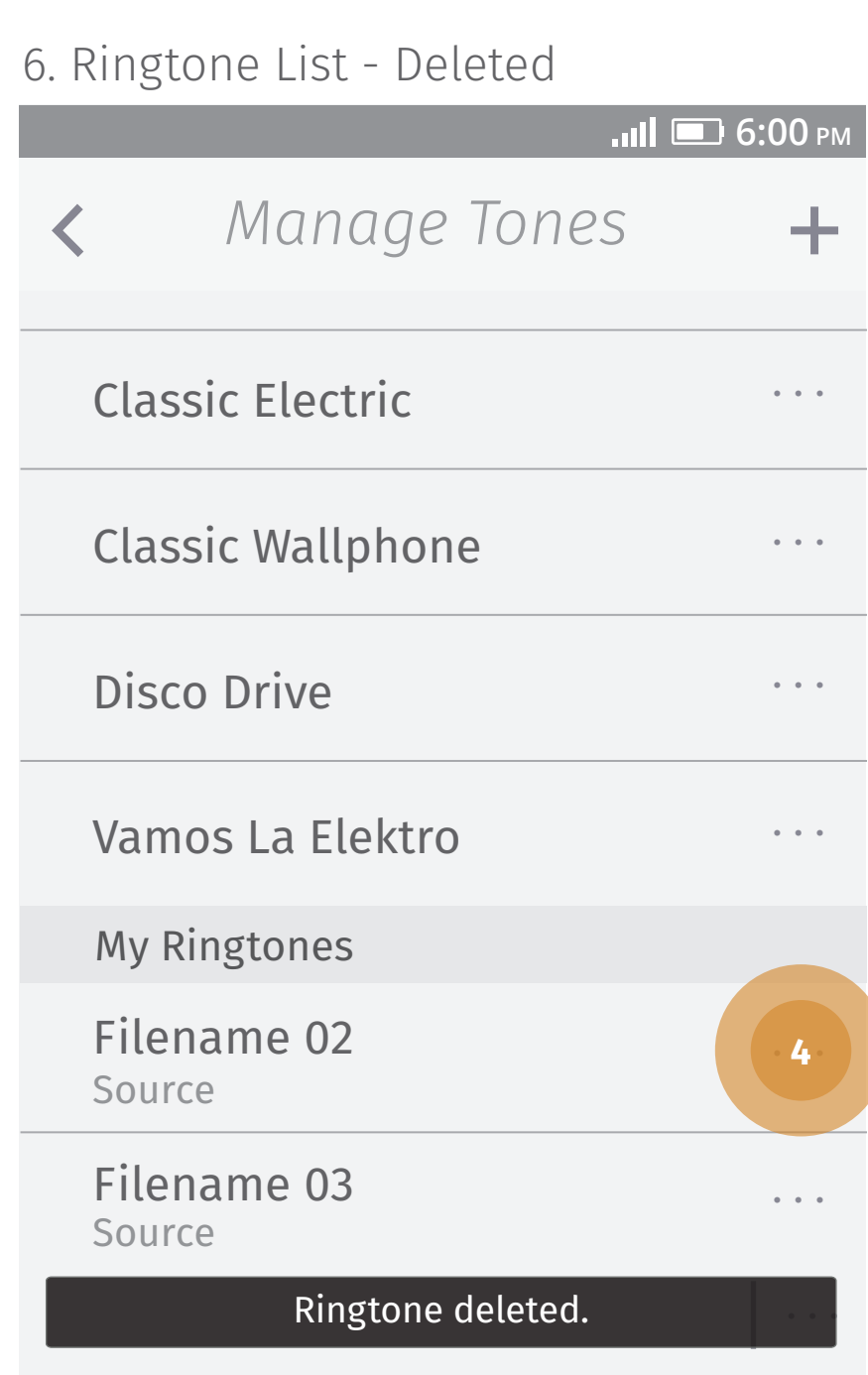
Additional actions the user can take on the ringtone.



The user deletes a ringtone.

Ringtone is deleted from SD Card

Note: All instances of <ringtone> are deleted from Contacts and Alarms and are replaced with FFOS default tones.



Deleted ringtone is removed from list

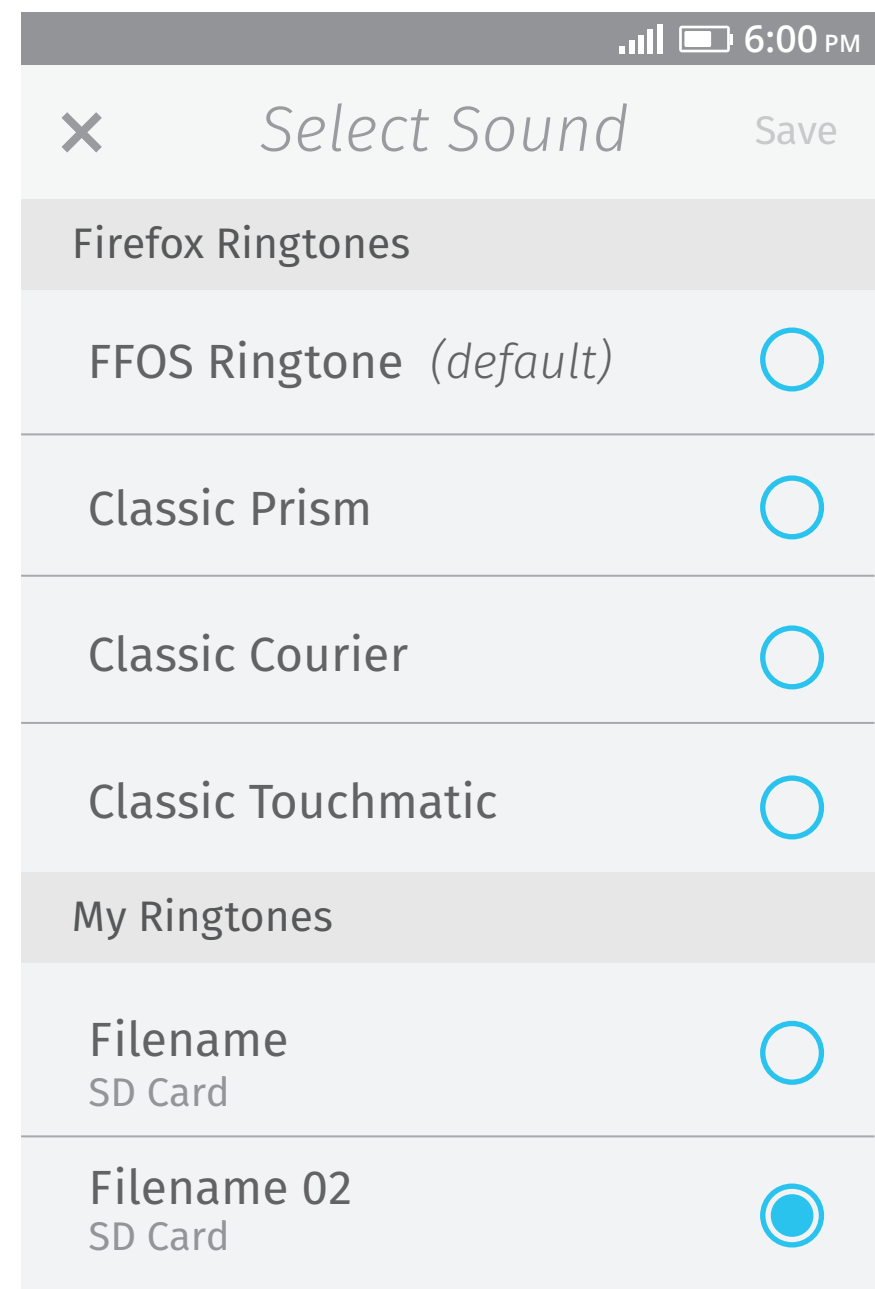
A confirmation banner is shown. Banner fades away in 2 seconds.

Thanks!

From your friends in Firefox OS UX

Ringtones - SD Card Removed - Flow

1. Ringtones Selector List

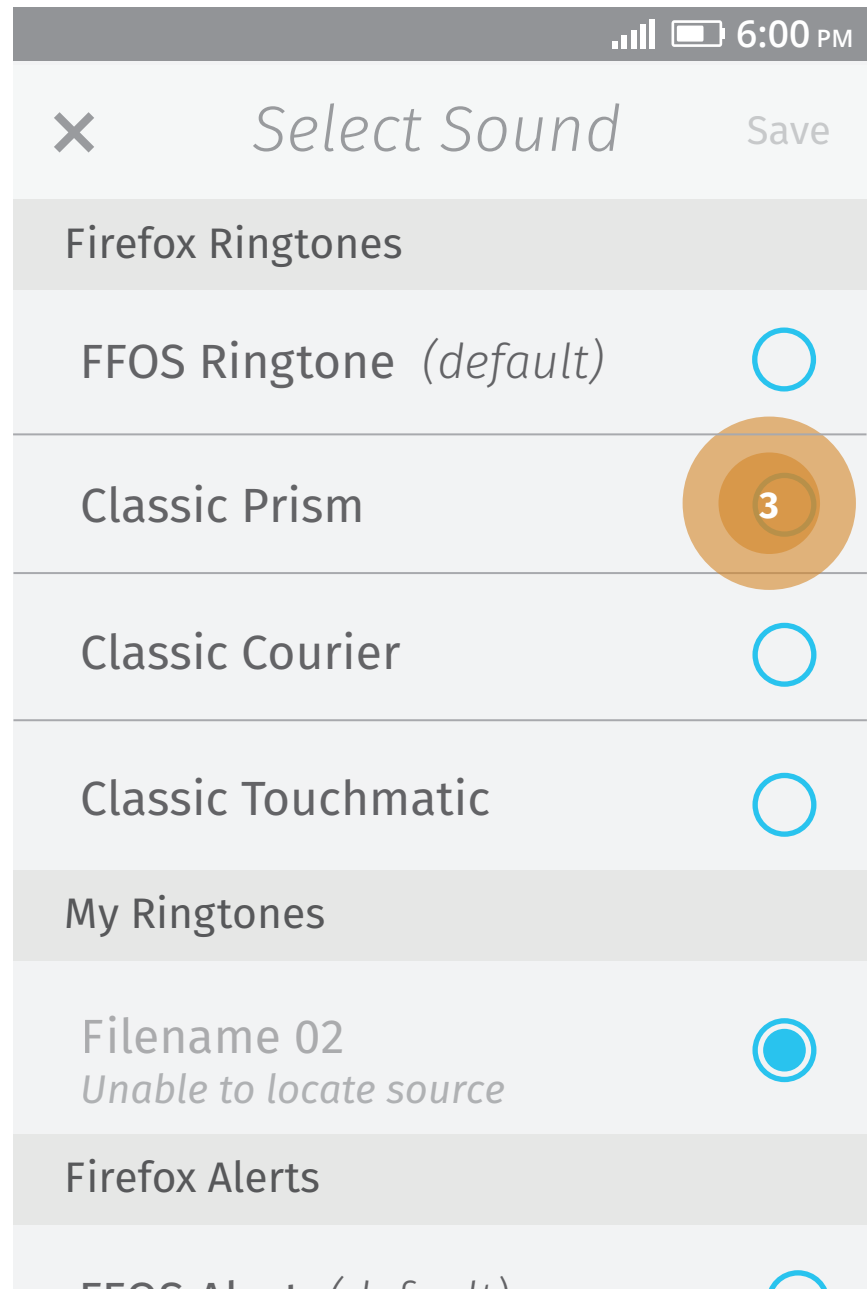


Scenario:

- User has set “Filename 02” from SD Card as Default ringtone for phone

Ringtones Selector displays SD Card/My Ringtones, “Filename 02” as Default ringtone.

2. Ringtones Selector List



Scenario:

- User removes SD Card
- User opens Ringtones Selector

For 2.1 - from Jim

When a call occurs after SD Card has been removed, “Filename 02” ringtone will still play.

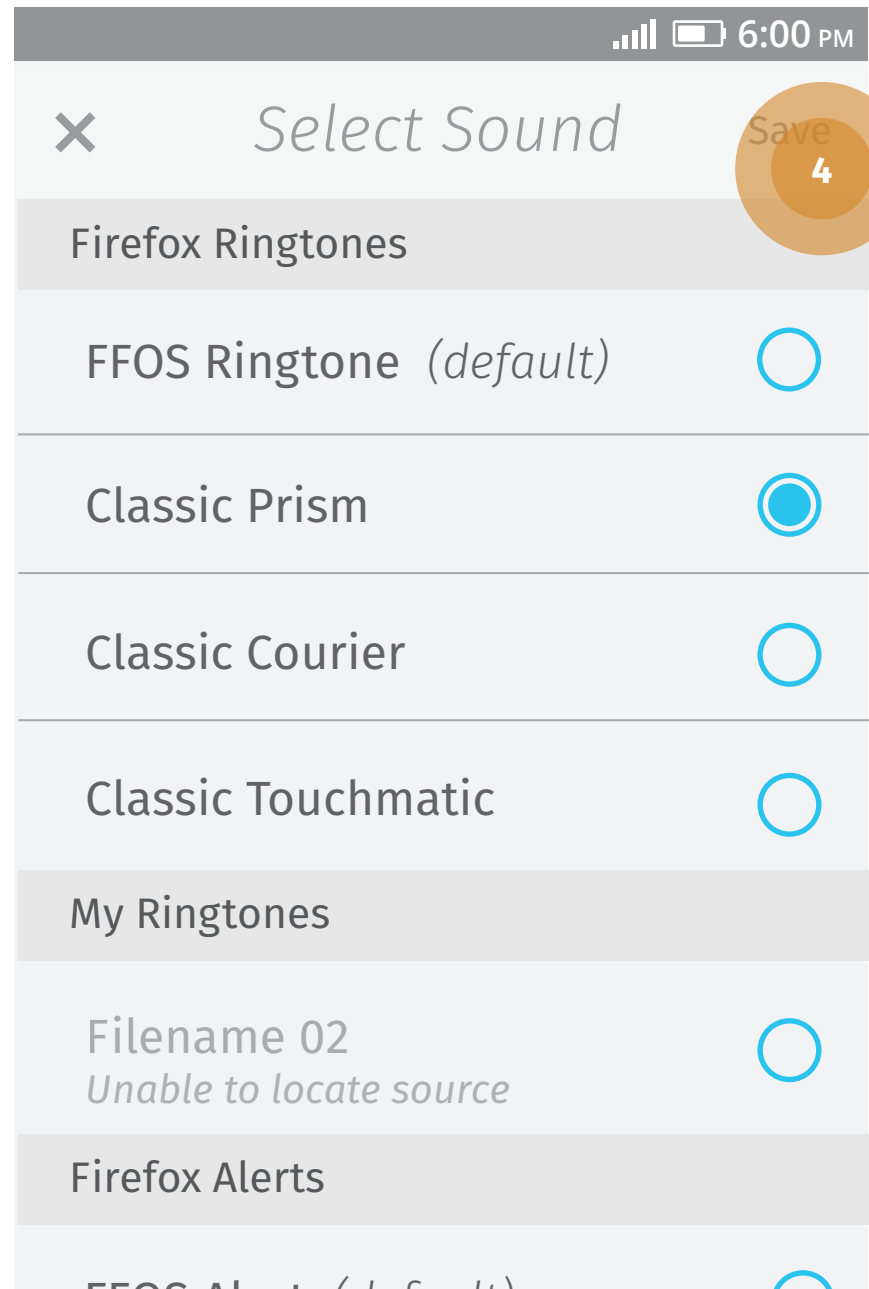
Ringtones Selector continues to display “Filename 02” under subheader My Ringtones as Default ringtone, as it is a remembered copy.

All other SD Card ringtones have been removed from selector list.

Filname 02 DOES NOT appear in Tones Manager list.

Display Filename 02 as disabled / greyed out

3. Ringtones Selector List



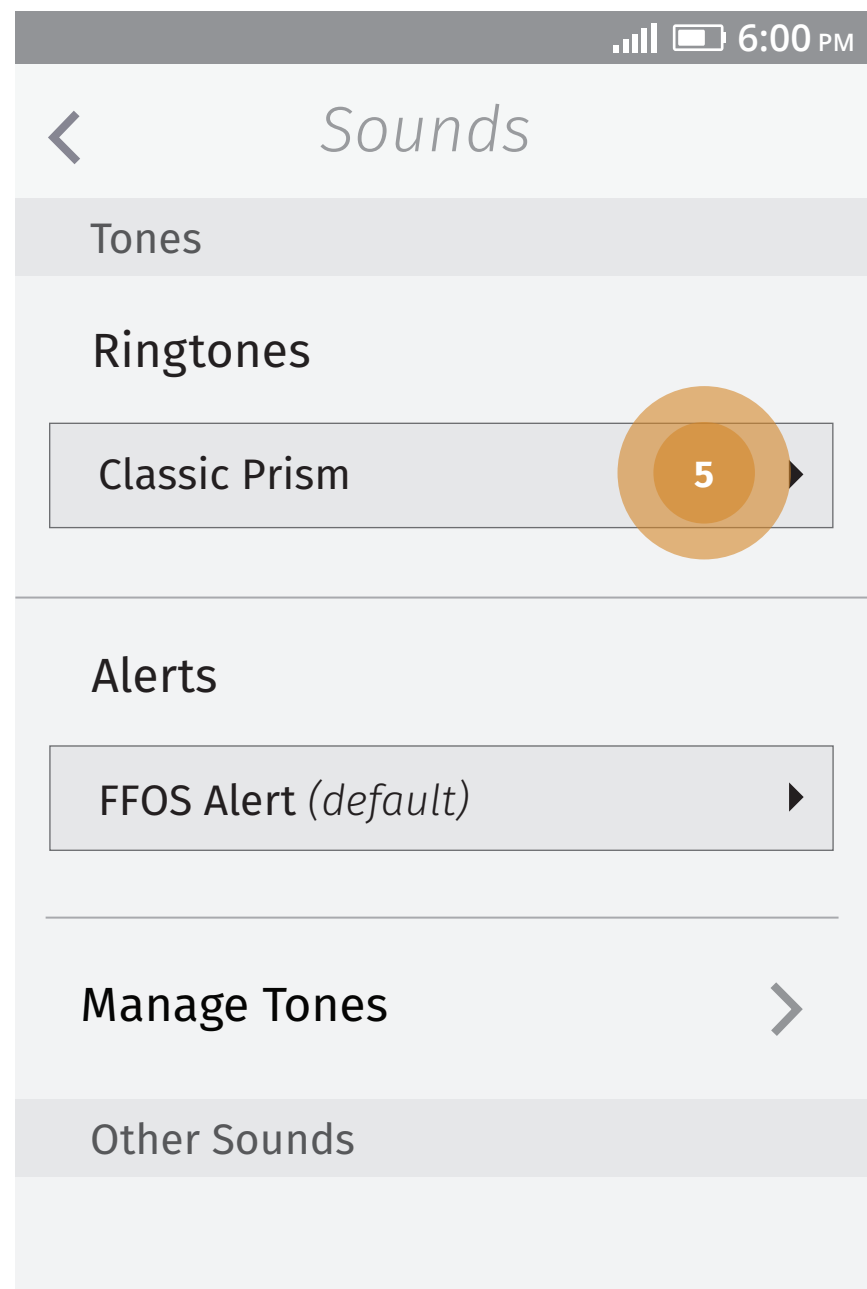
Scenario:

- User selects another Firefox Ringtone AND saves the change

New selection is made, radio button reflects current selection

Save option becomes enabled

4. Settings -> Sounds



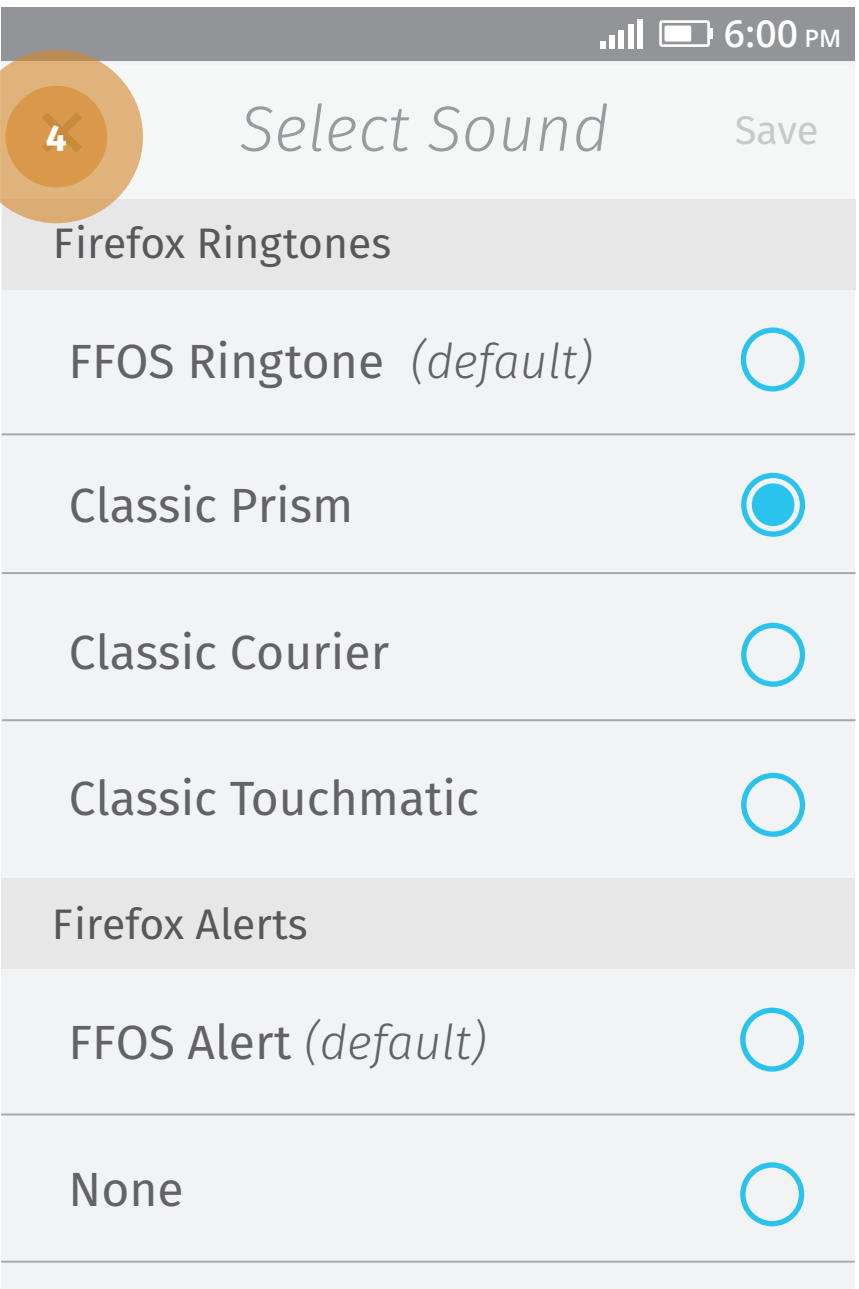
Scenario:

-

New selection is displayed in Ringtones Selector

Note:
Change: “Manage Tones” to List Item
Building Block:
When a combination of List Items are being used, List Items that load new views should be indicated with a chevron

5. Ringtones Selector List



Scenario:

- User returns to select new ringtone

“Filename 02” is no longer be displayed

