

Firefox OS



Ringtones 2.2

Version 1.1 November 18, 2014

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

Release Notes

v1.0 November 10, 2014 Katie Caldwell

New spec based off of 2.0
Addition of Ringtone Cropping ideas (on hold for 2.2)
Updated User Stories for 2.2 Product Requirements
Added Current 2.1 Add New Ringtone Flow (screenshots)
Added Add New Ringtone Flow

v1.1 November 18, 2014 Tiffanie Shakespeare

Clean up and finalize

Open Issues

Need Value Selector with Sub-header Building Block to be built by Eng team - bug #994355

~~—this is actually TBD as we may not go this route for the picker~~

New sound picker design does not require additional Building Blocks.

In order to pick a ringtone from Contacts or Alarm, we need to solve the delete issue. When the user deletes a ringtone from the manager, all instances need to be deleted as well.

User Stories

2.2:

Being completed by Productivity

1. As a user, I want to be able to select custom ringtones for any of my contacts (to assign a ringtone to one or more contacts), so that they can recognize the caller and decide what to do with the call based on audible cues/without looking.

UX Contact : Carol? (note about not possible for assign to multiple contacts?)

2. As a user, I want to be able to pick from my list of ringtones to define a clock alarm.

UX Contact : Juwei

If there's time

3. Improve "+" Add New Ringtone flow (remove redundant preview music screen?)

For 2.3

1. As a user, I want to be able to "crop" an audio file when creating a ringtone, so that I can select just a portion of the file to be played.

2. As a user, I want to record a sound with my phone and use that sound as a ringtone.

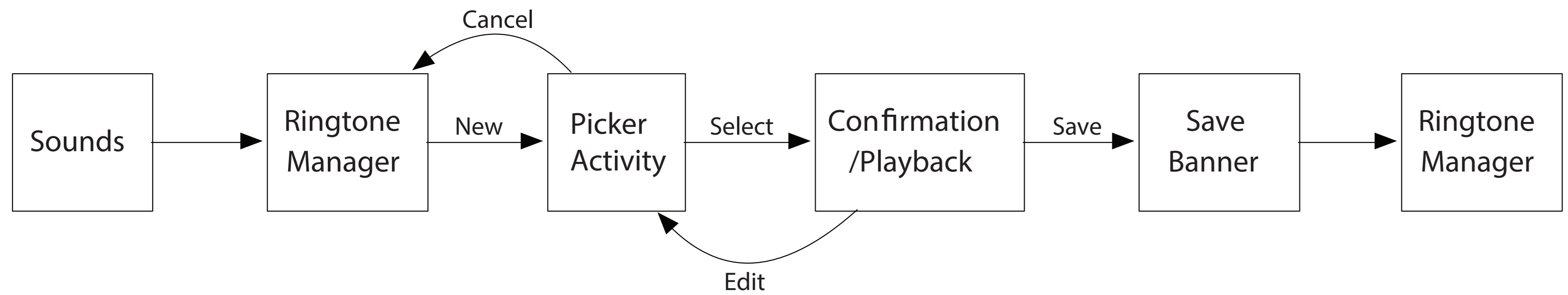
(requires Audio Recorder » Share feature? : pick activities flow from Manage Tones) and similar flow as Music app assign as ringtone

3. As a user, I want an "add ringtones" feature that will enable me to pick audio files (or ringtones) from other apps and save them (with optional edits) to the list of ringtones.

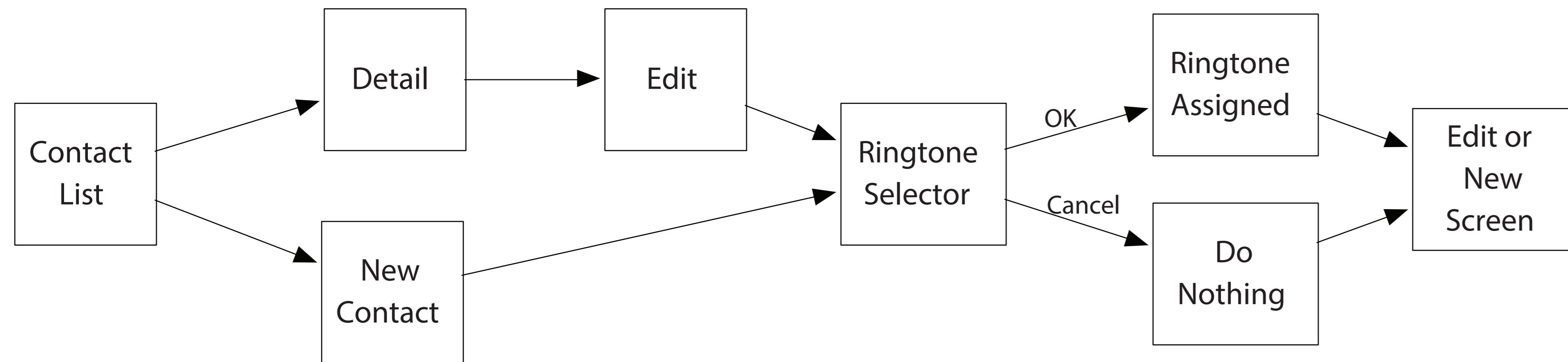
(Pick Activity: + feature in Manage Ringtones? goes to Music picker, add flow for 3rd party apps? What are the 3rd apps? and how do we know what ones to list?)

4. As a user, I want to be able to easily customize my ringtones by downloading some kind of theme or ringtone pack from the Marketplace.

Edit Ringtone

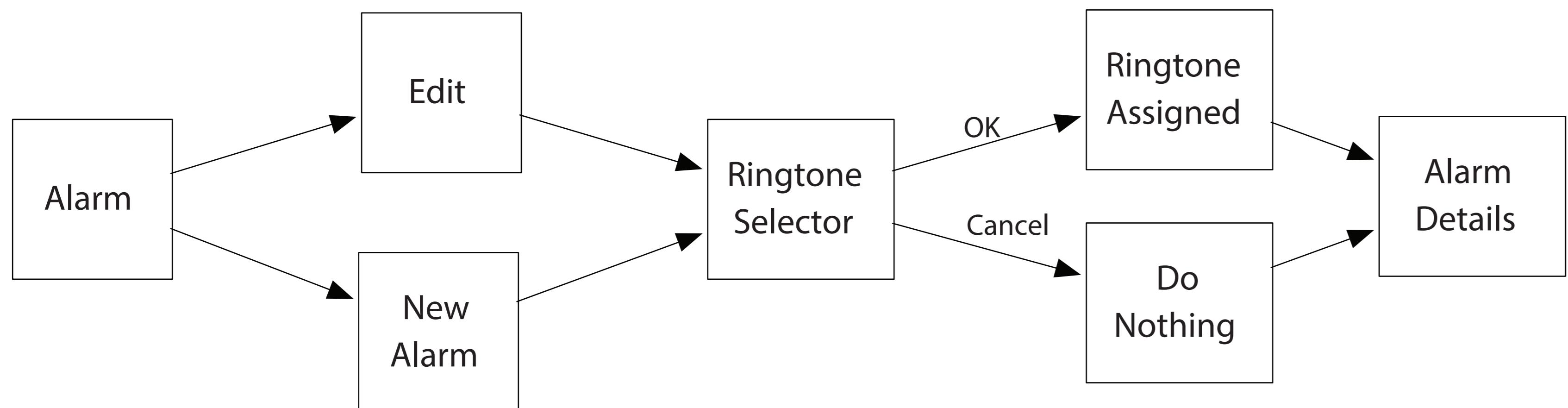


Add Ringtone to Single Contact



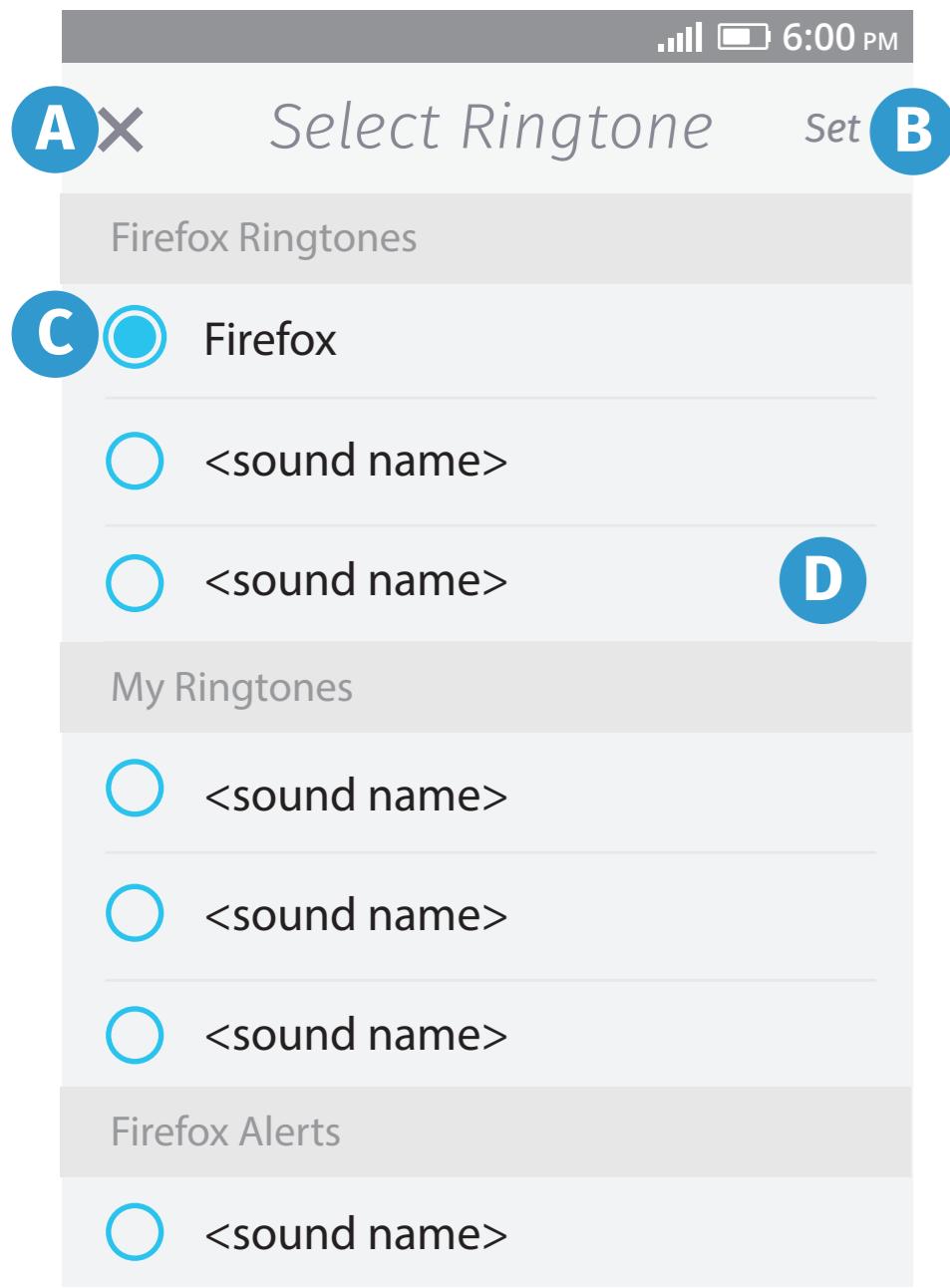
* Currently we don't have group functionality so ringtones can only be assigned individually.

Add Ringtone to an Alarm



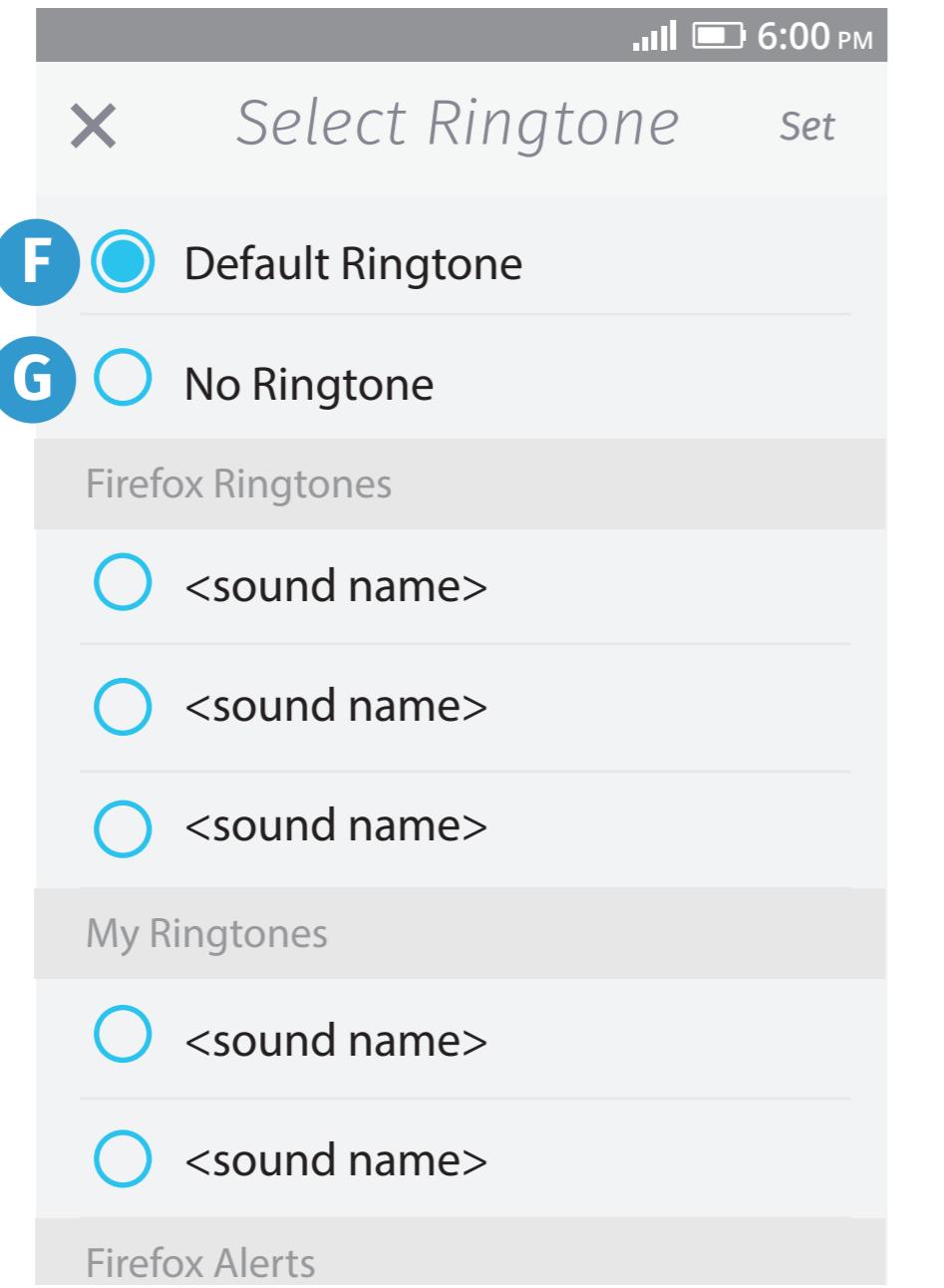
Sound Picker - Details

Settings -> Ringtone



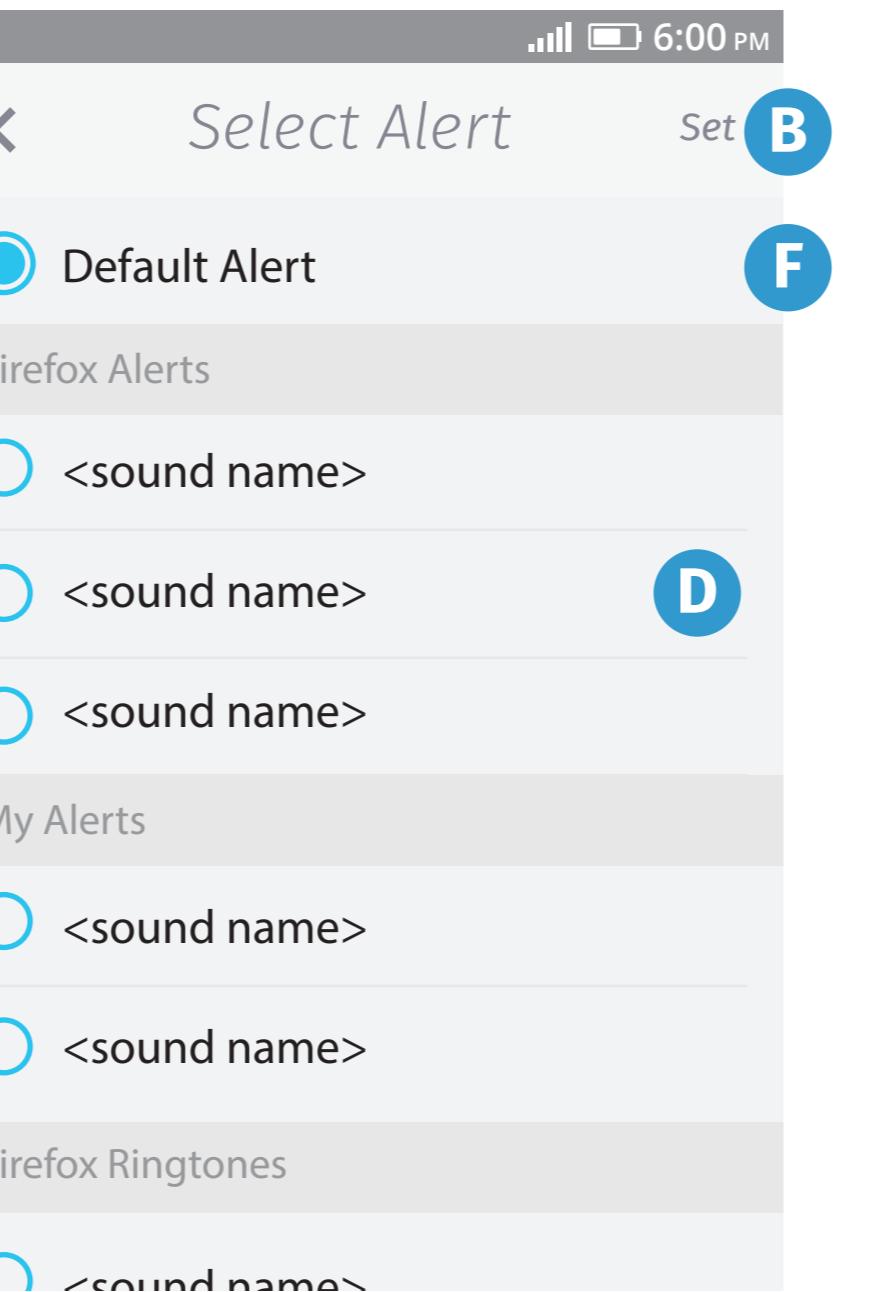
Selector with Ringtones prioritized; default is not an option as this is setting the default.

Contacts



Selector with Ringtones prioritized and an additional option of no sound.

Alarm



Selector with Alerts prioritized. An option of no sound is not available as it doesn't make sense for alarm. This may be added in a future release.

Notes

Sections

List sections are in alphabetical order. If there are no user-created ringtones then the My Ringtones / My Alerts section is omitted.

A Cancel

Tapping returns to the previous page. Any changes are reverted.

B Set

Tapping returns to the previous page. Any changes are saved.

C Current Selection

The sound currently selected is indicated.

D Previewing Sound/Changing Selection

Tapping anywhere on any item will play the sound. If the sound is not the current selection, then the current selection is updated.

F Default Option

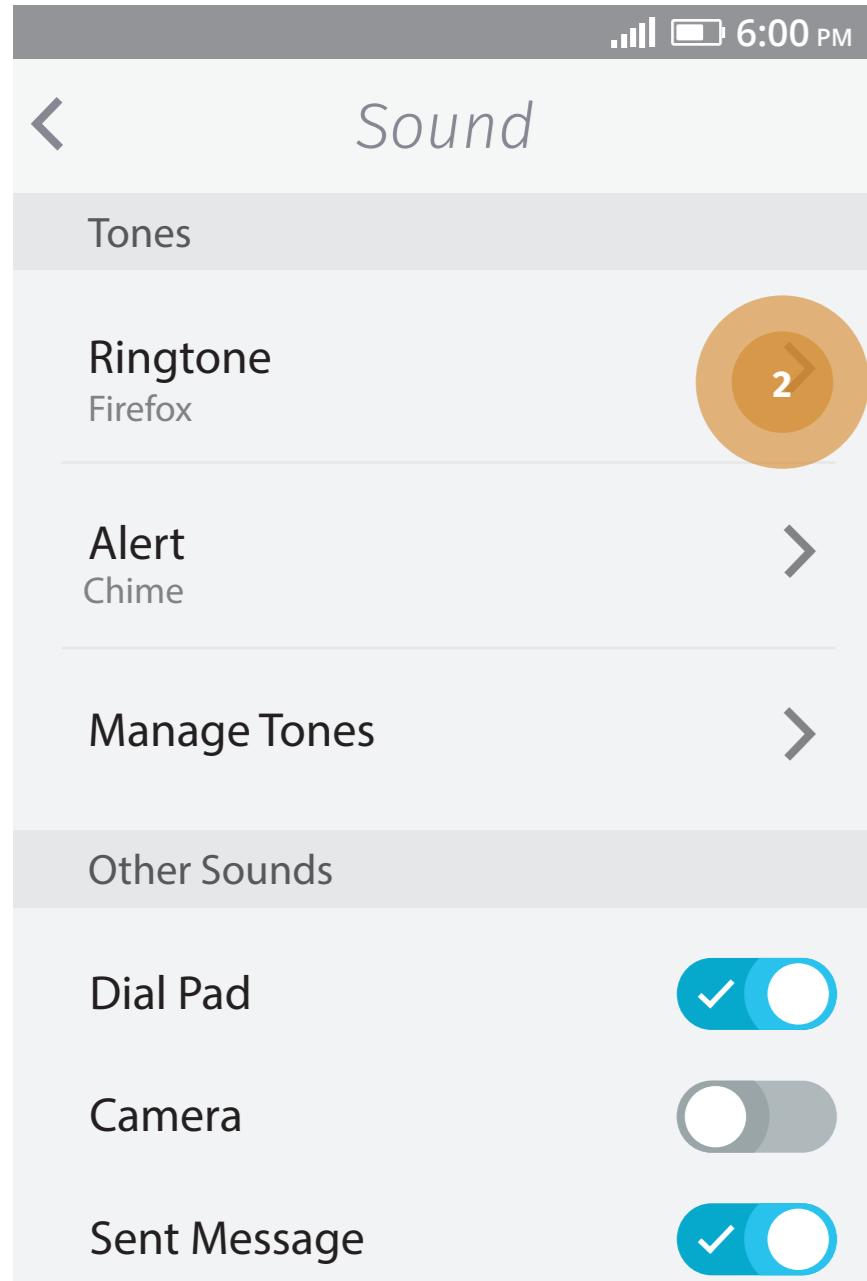
Selecting will then use the default ringer or alert sound.

G Silence Option

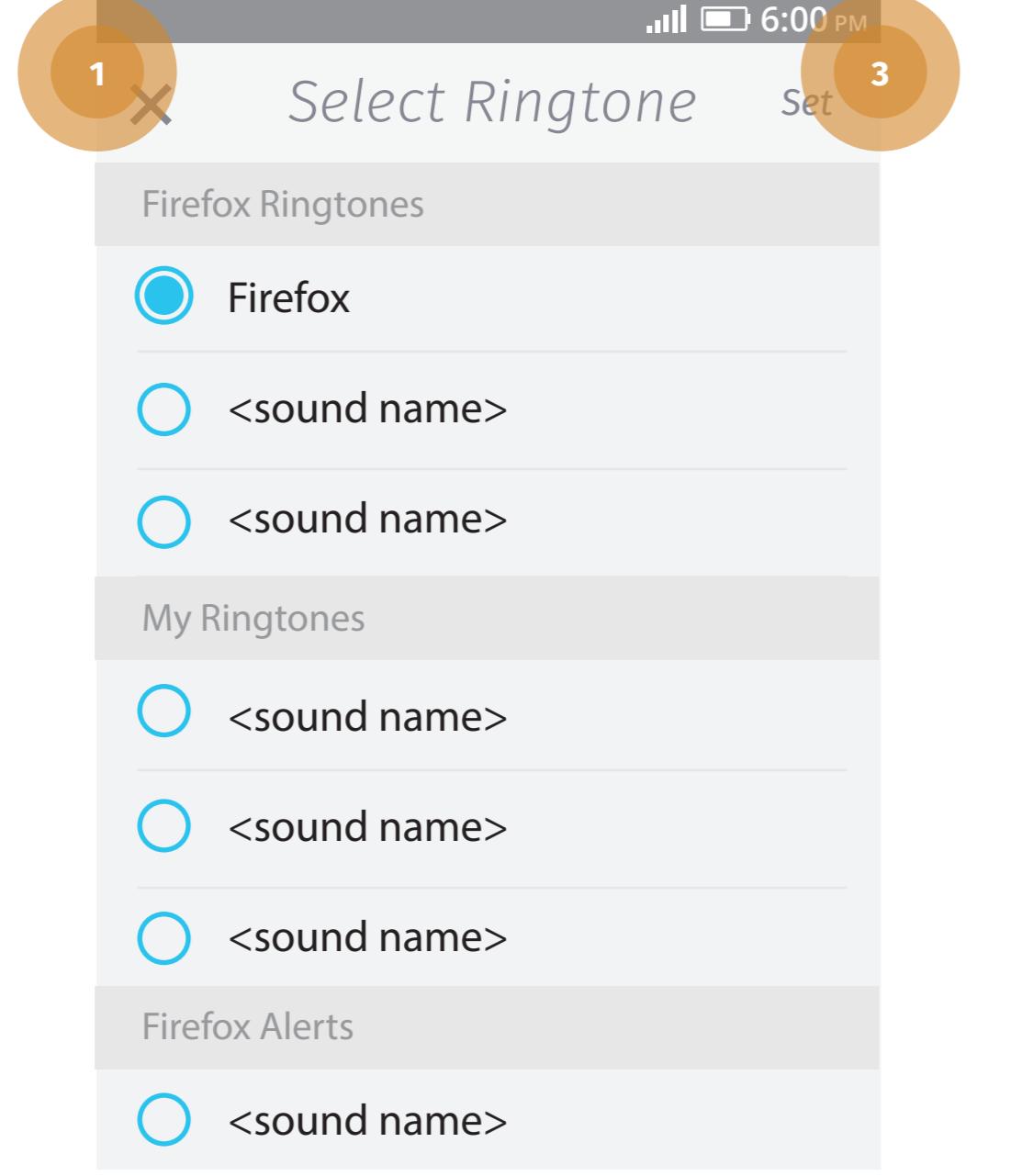
For certain apps, it may be desireable for "silence" to be an option. For example, in Contacts, a user may want a specific contact to not make an audible sound while the phone is not in silent mode.

Setting the Ringtone - Flow

1. Settings -> Sounds



2. Value Selectors



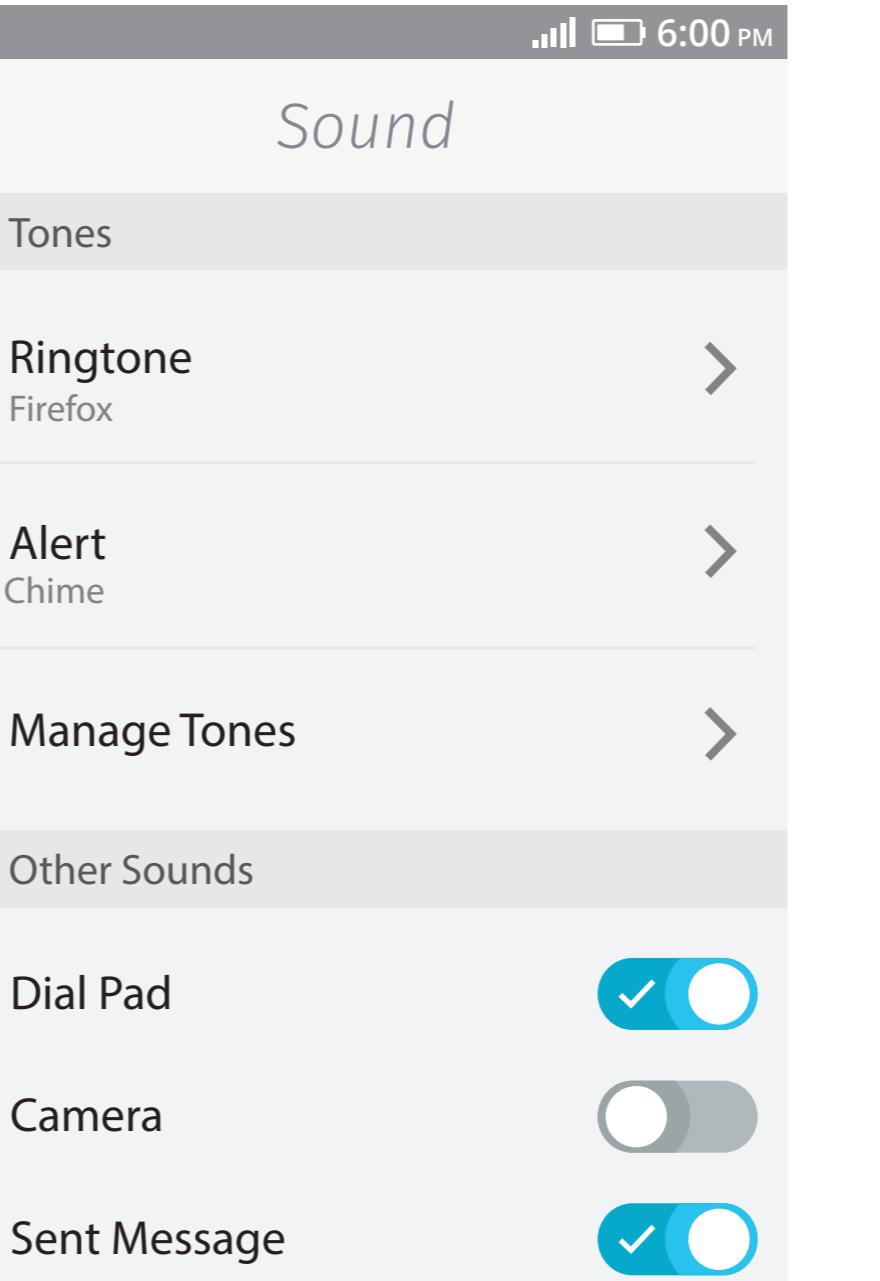
Tapping shows a value selector with possible sound options. The current option is selected.

Ringtones sections are prioritized first for the ringer selection.

The default option is omitted as this is the default setting.

Set is disabled until a new selection is made by the user.

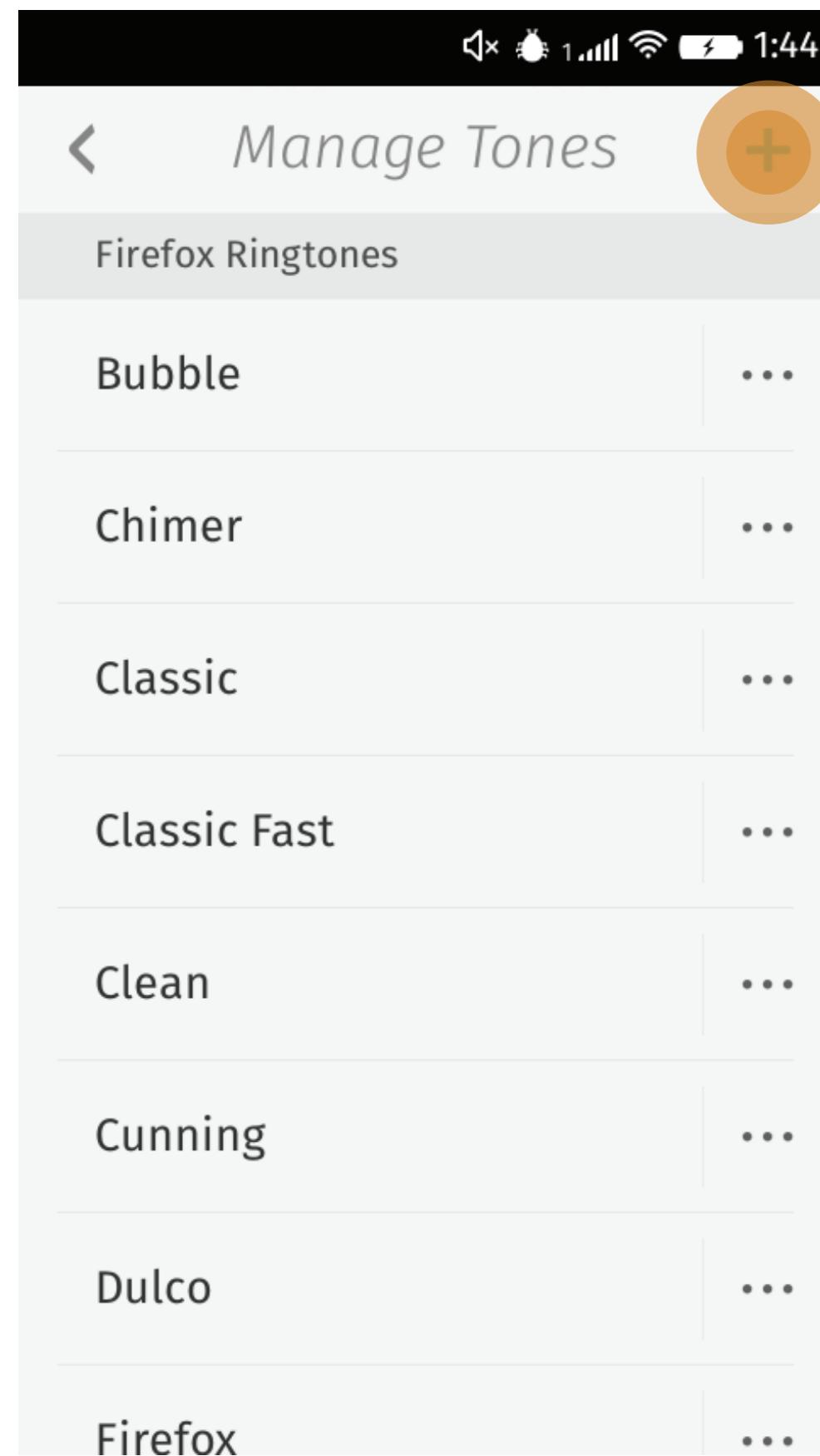
3. Ringer Updated



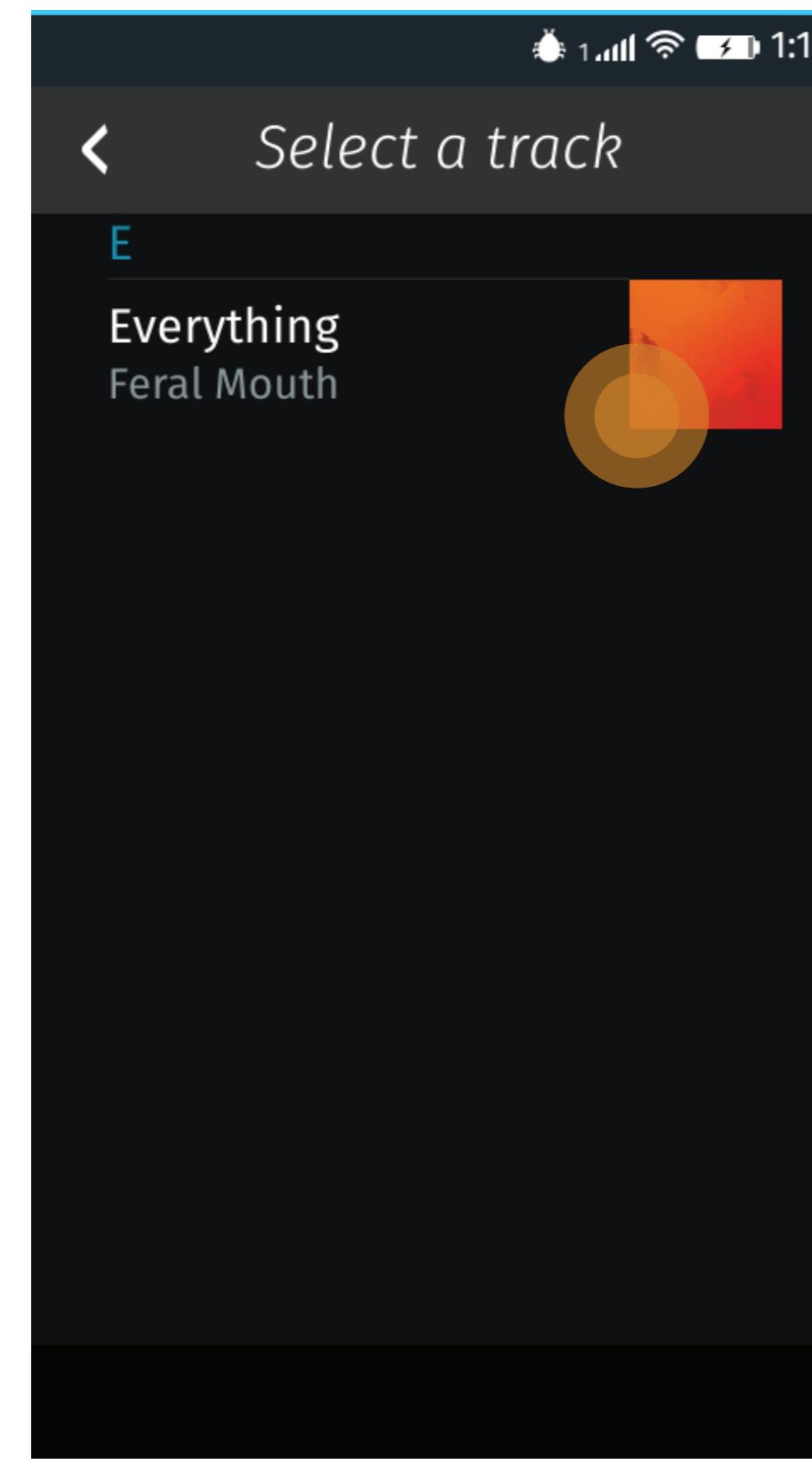
Tapping "Set" returns user to Settings » Sounds, displays new selection confirming the users choice has been saved.

Create New Ringtone : Current 2.1 Flow

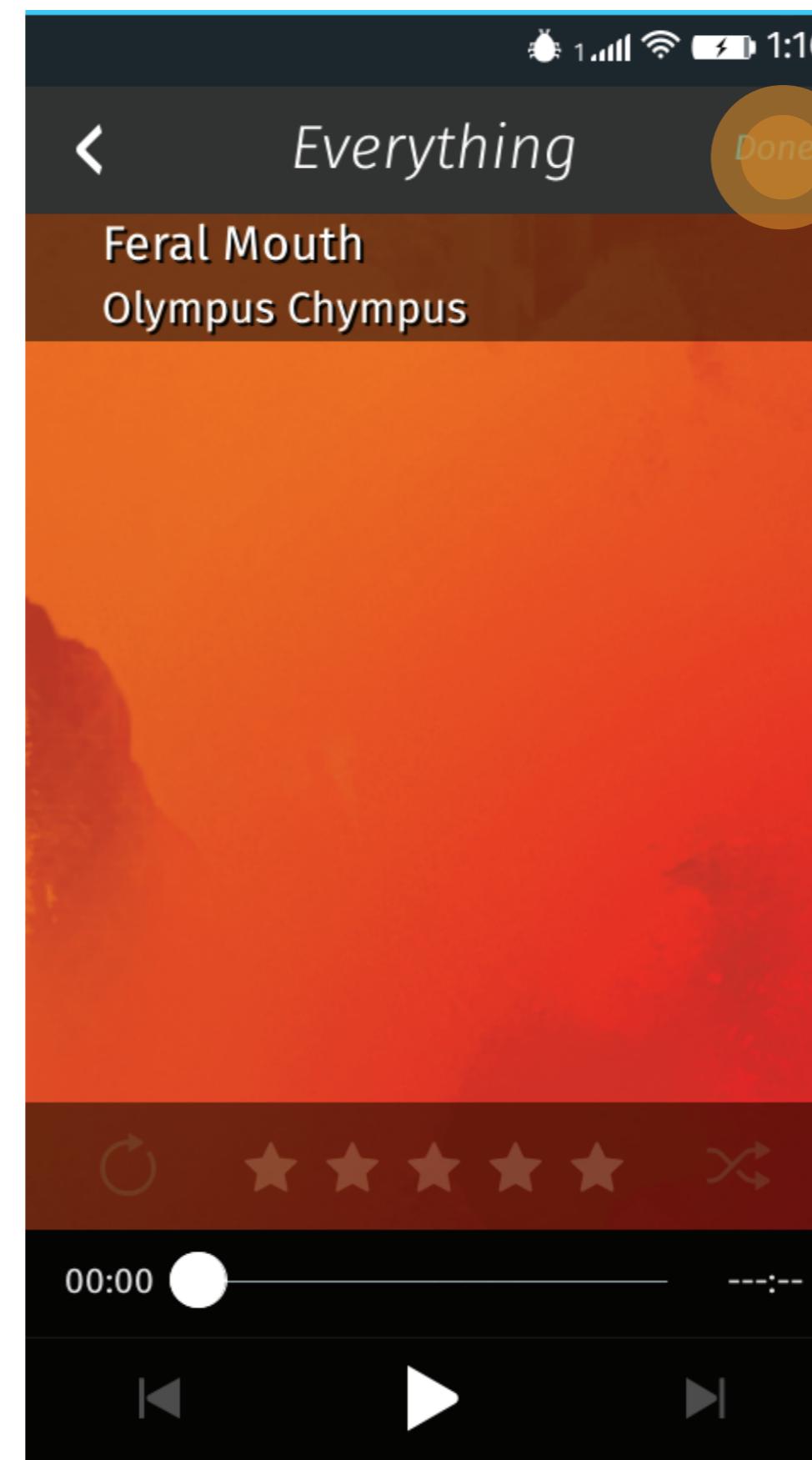
1. Manage Tones



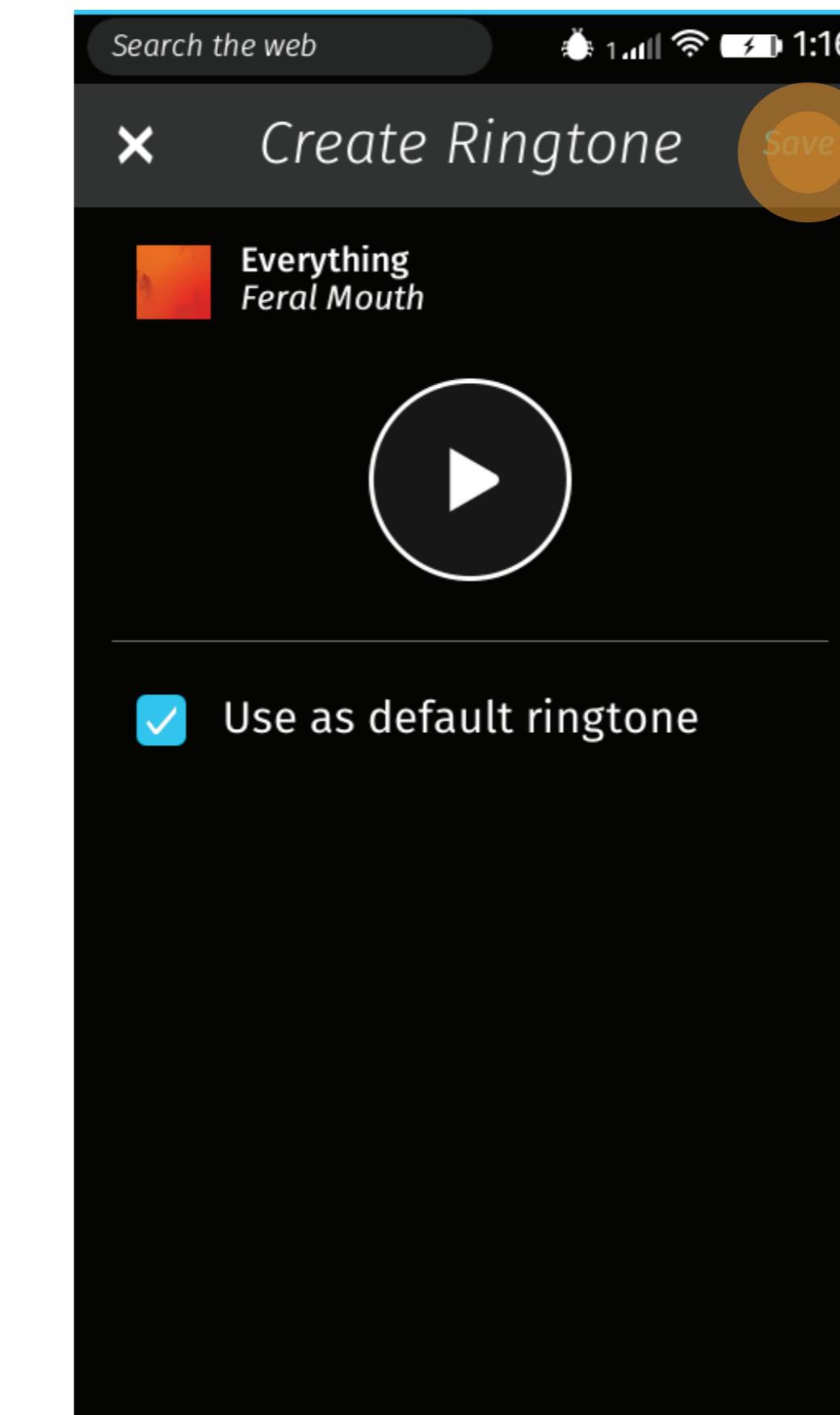
2. Select a Track



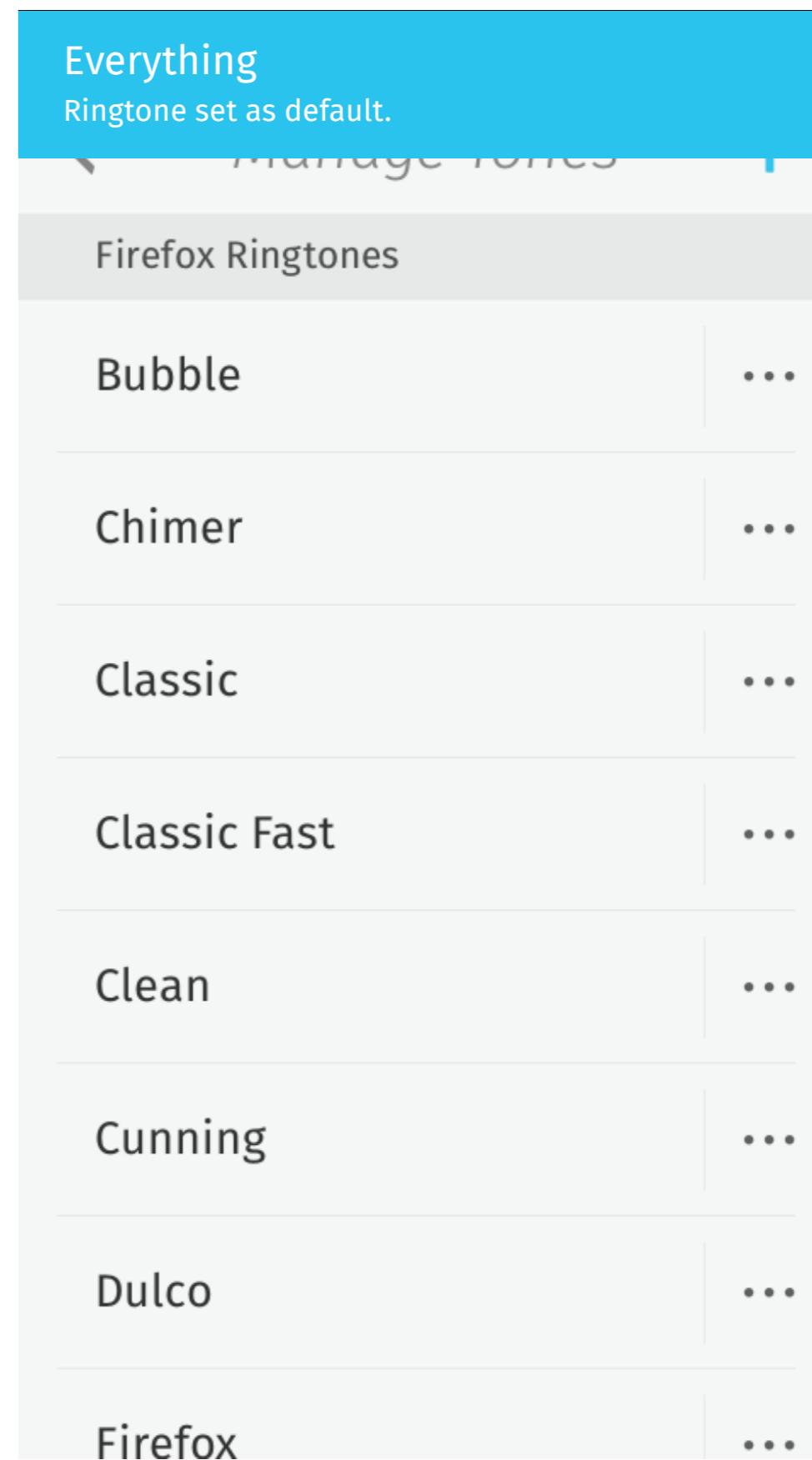
3. Preview Track



4. Preview & Save Ringtone



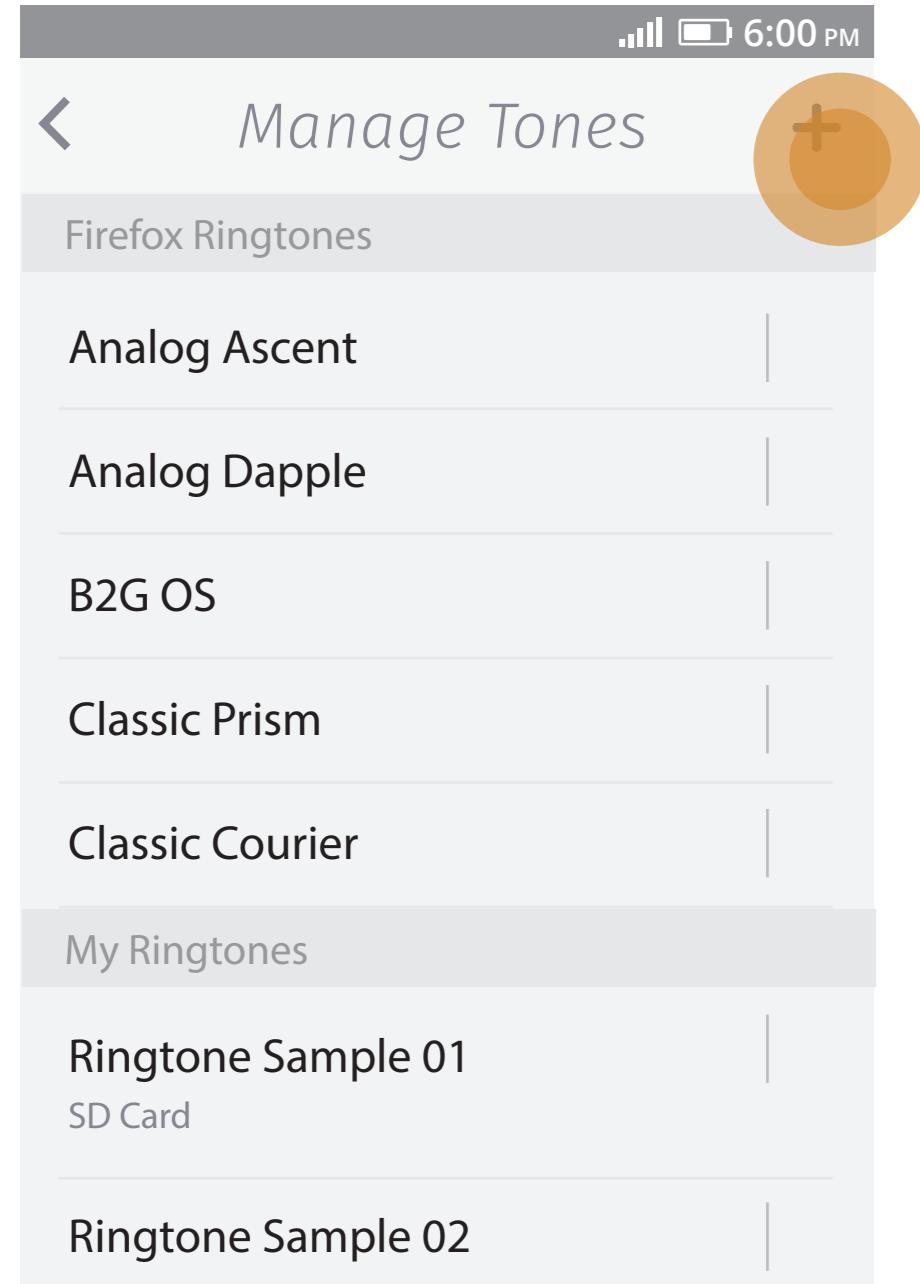
5. Confirmation



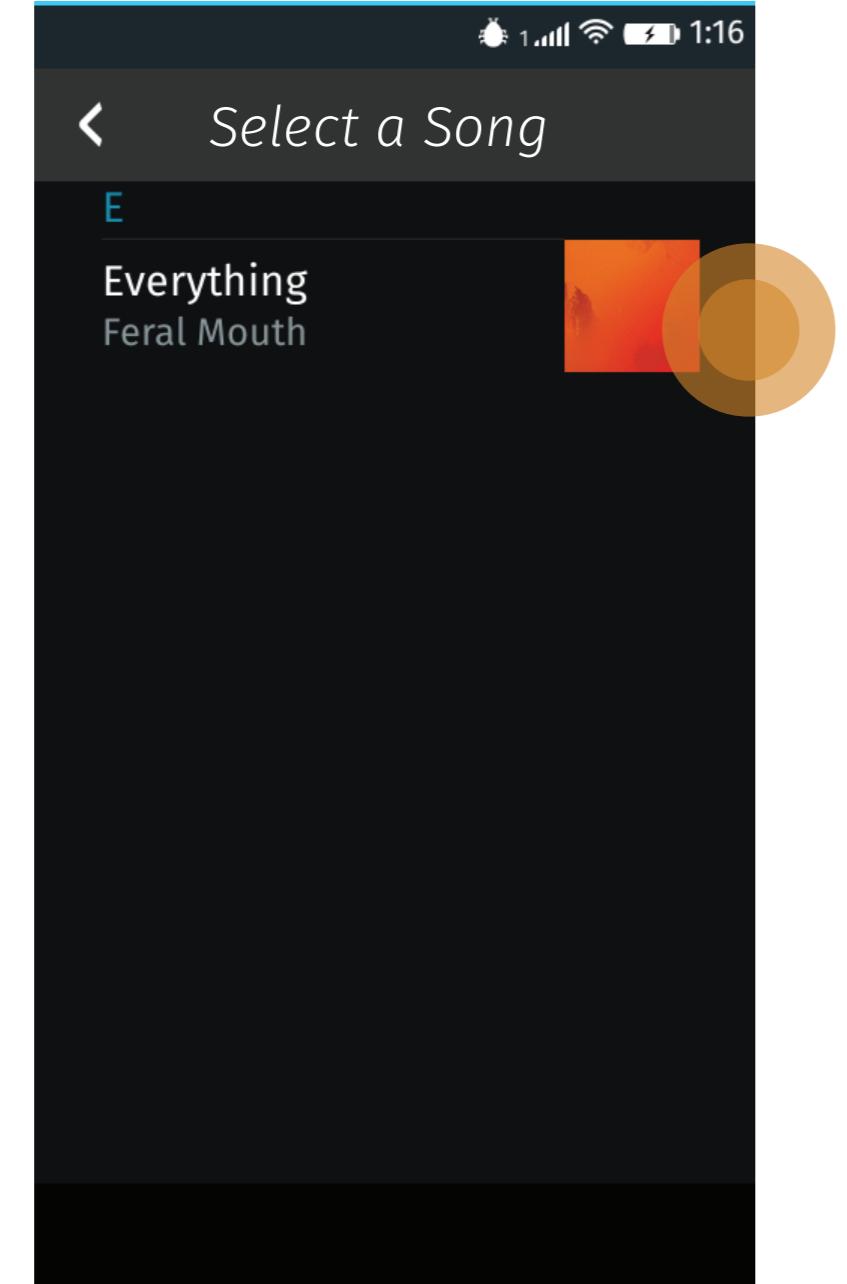
Recommendation: remove this step.

Create New Ringtone : New 2.2 Flow

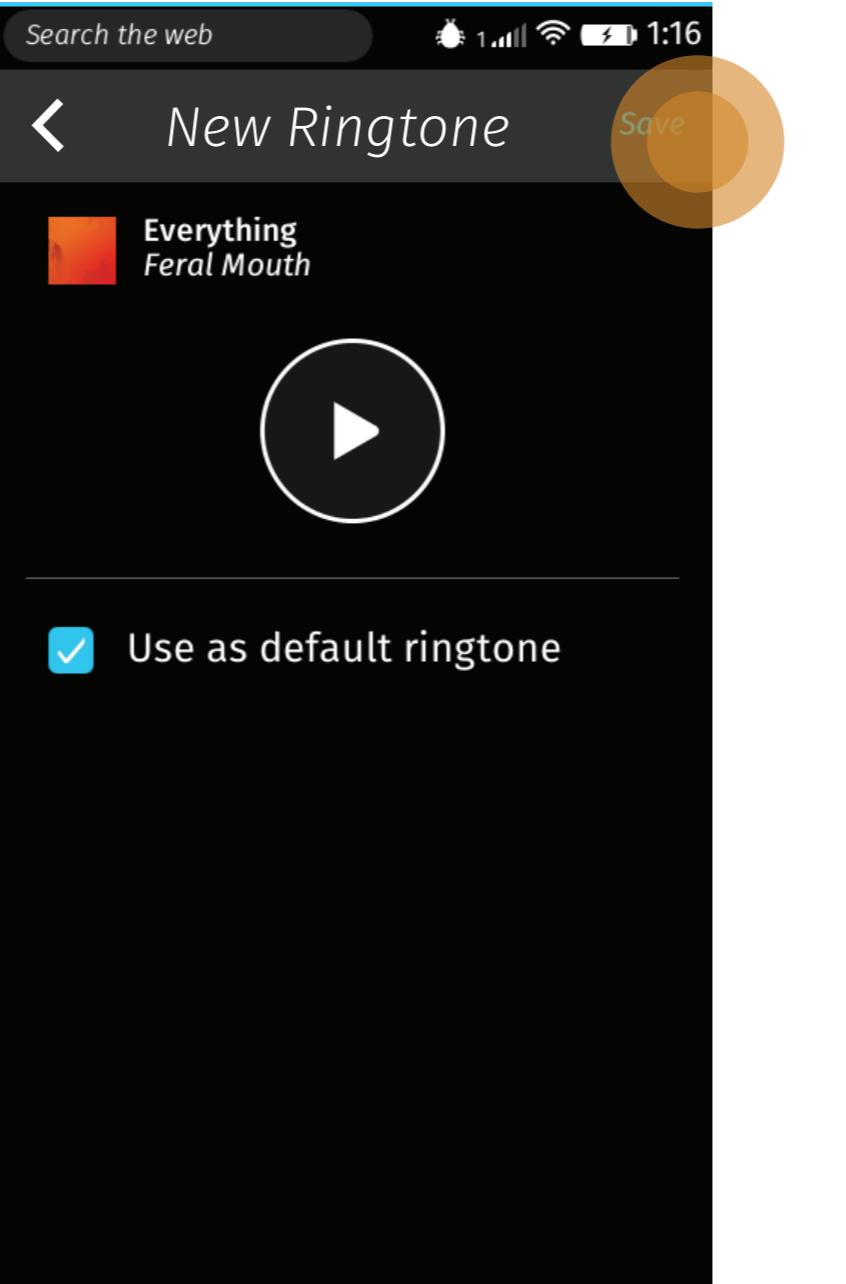
1. Manage Tones



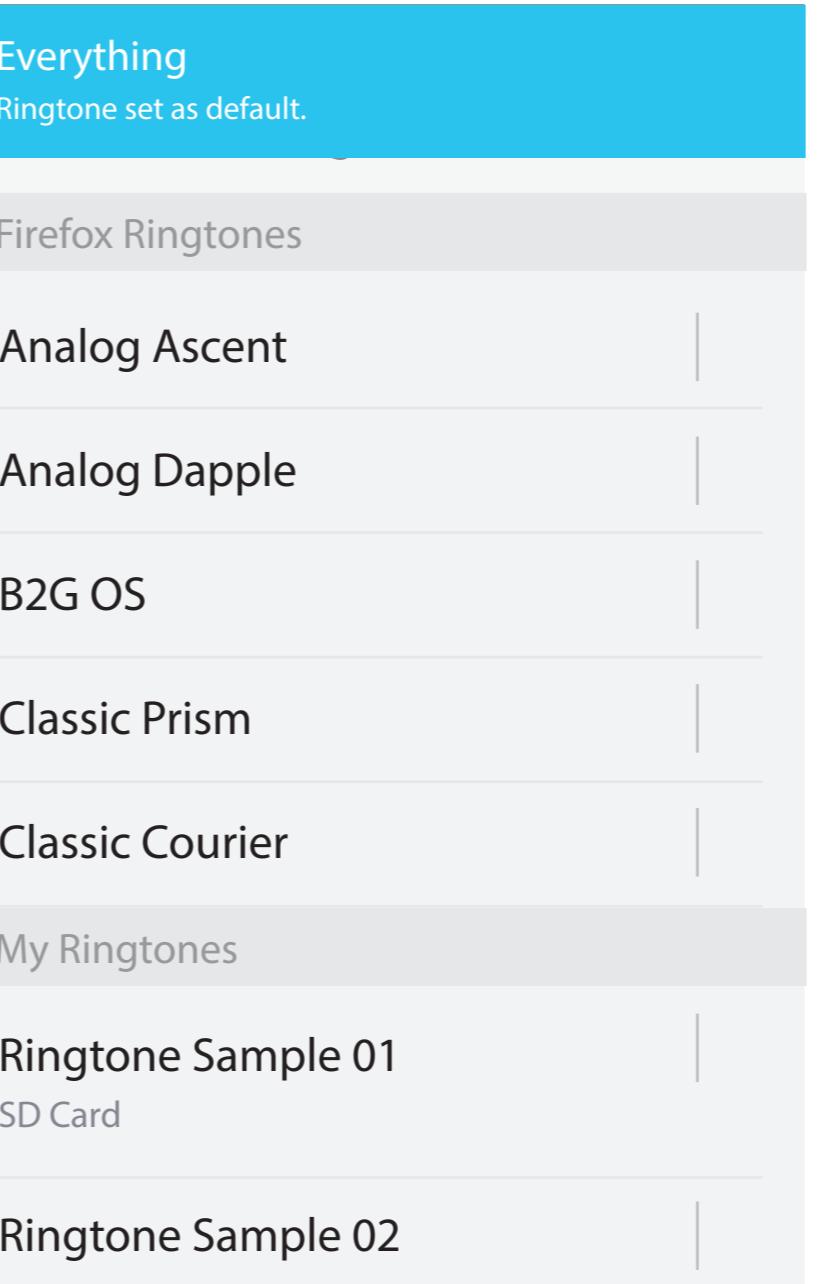
2. Select a Song



3. Preview & Save Ringtone



4. Confirmation



Deltas:

Header is title case and string updated

Tapping goes straight to creation flow - skipping the preview step

Can we use a X instead of a back?

Deltas:

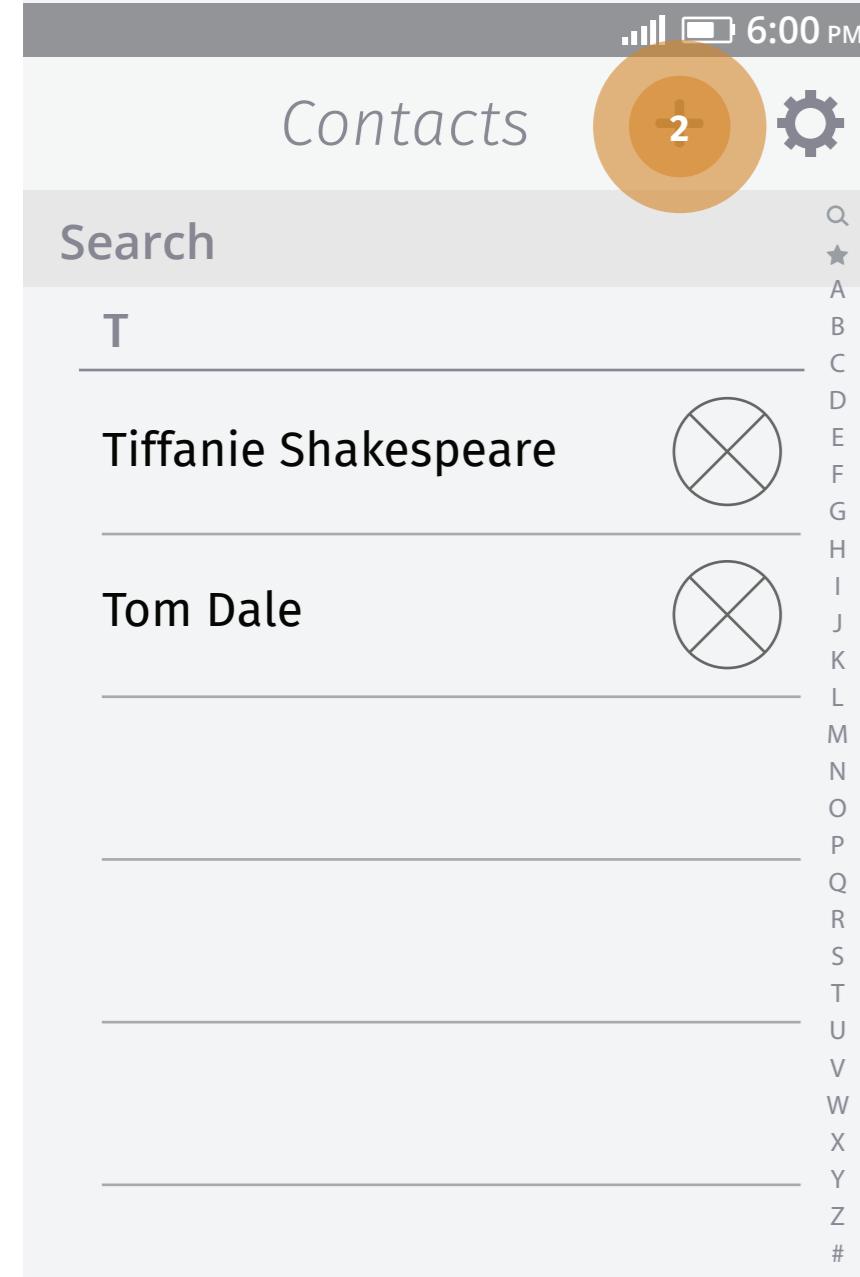
Change string in header from "Create Ringtone" to "New Ringtone"

Can we use a back instead of a cancel to pick a different song?

Update list with <new ringtone> added to My Ringtones. (behaves as current release)

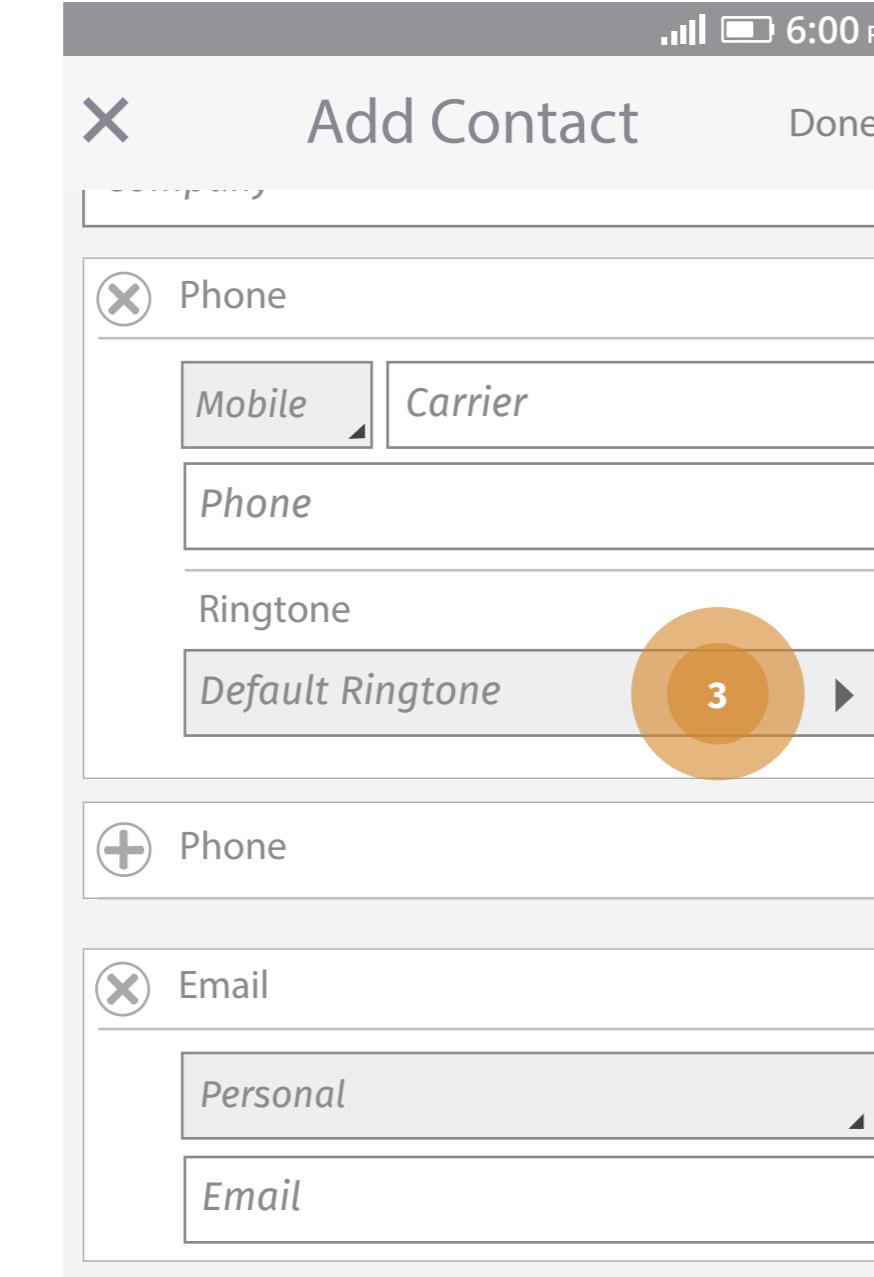
Contacts - Assign Ringtone to New Contact

1. Contacts



Contacts app.

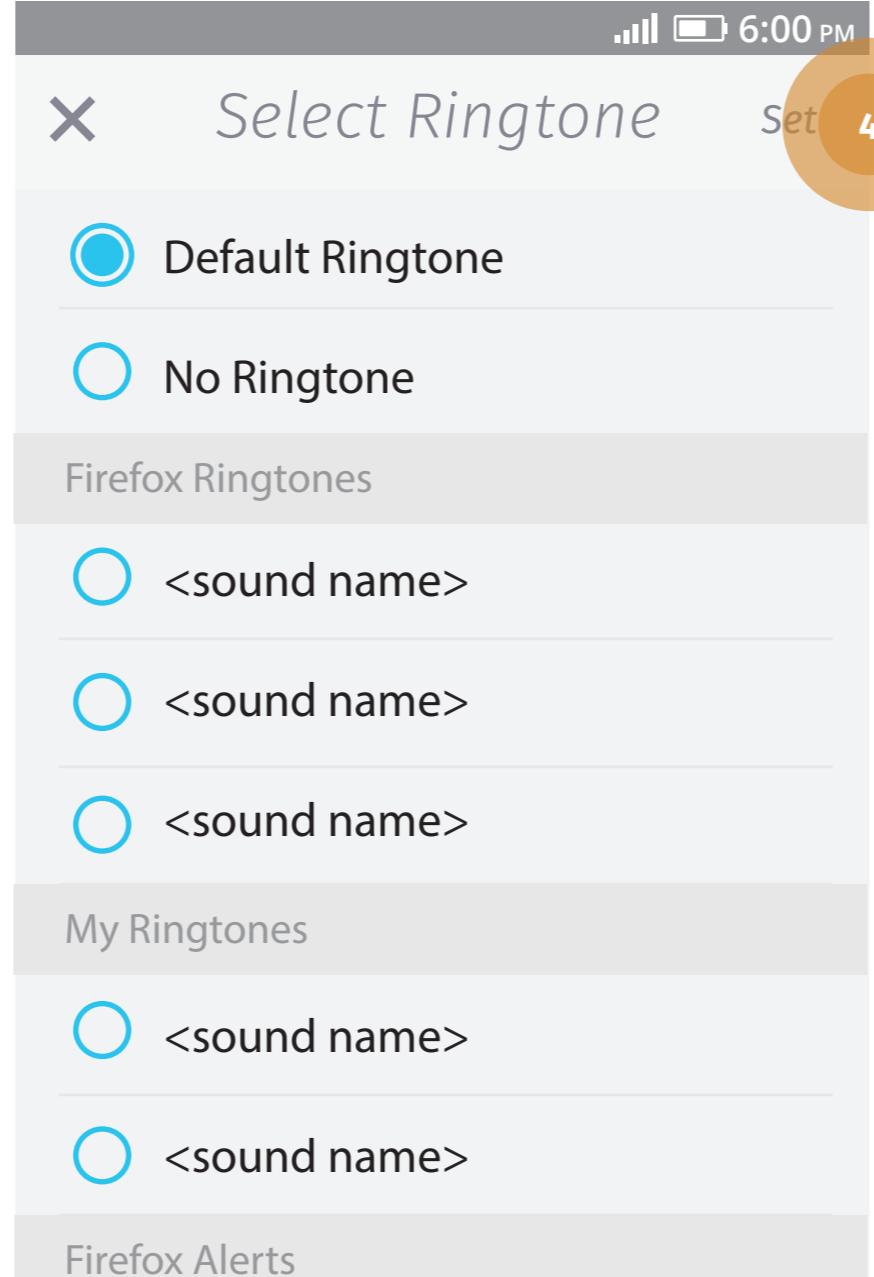
2. New Contact



New contact form. A new field is added to allow the user to change the ringtone.

Unless changed by the user, the default should be the ringer setting. Otherwise the current setting is reflected.

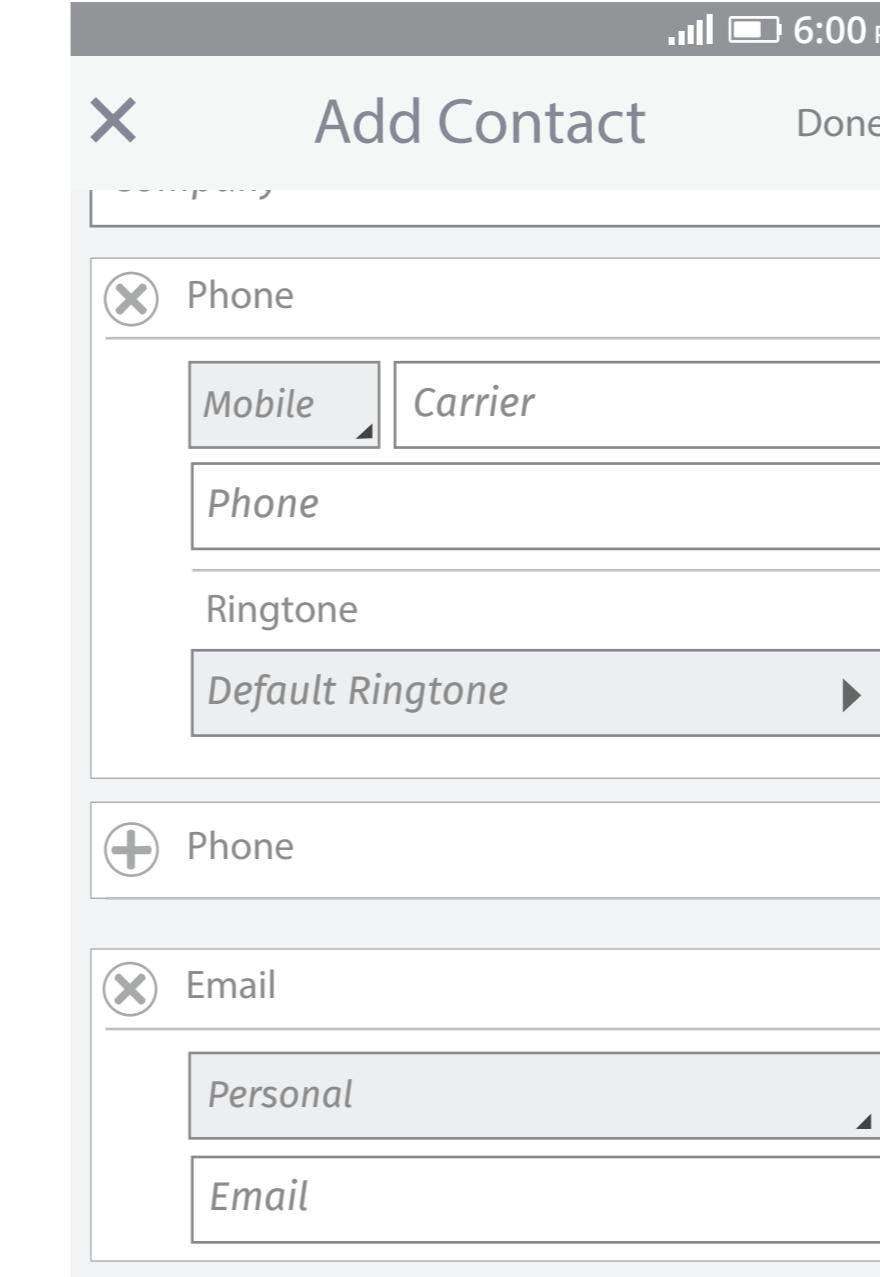
3. Sound Picker



Tapping shows a picker with possible sound options. The current option is selected.

Ringtones sections are prioritized first for the contacts app.

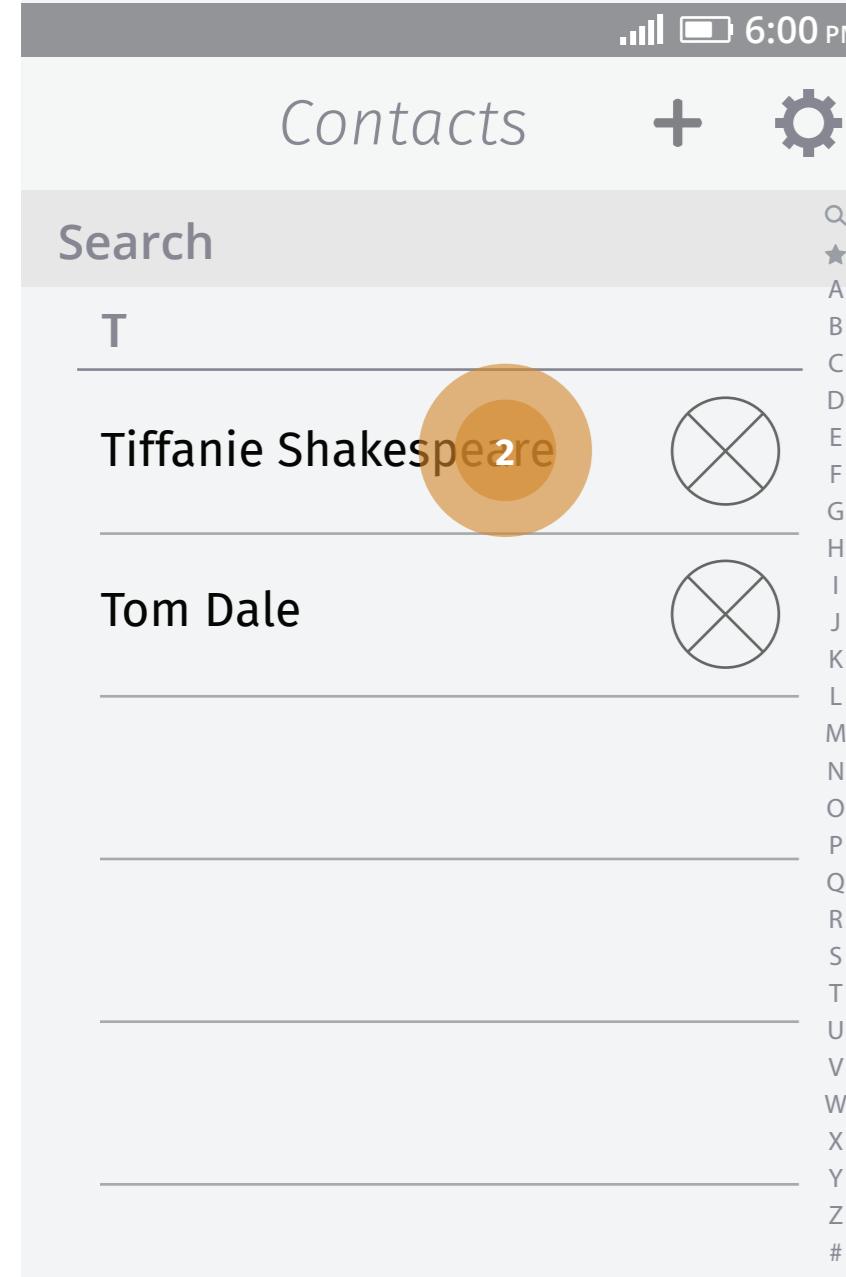
4. New Contact



Tapping sets the changes and updates the selector with the current selection.

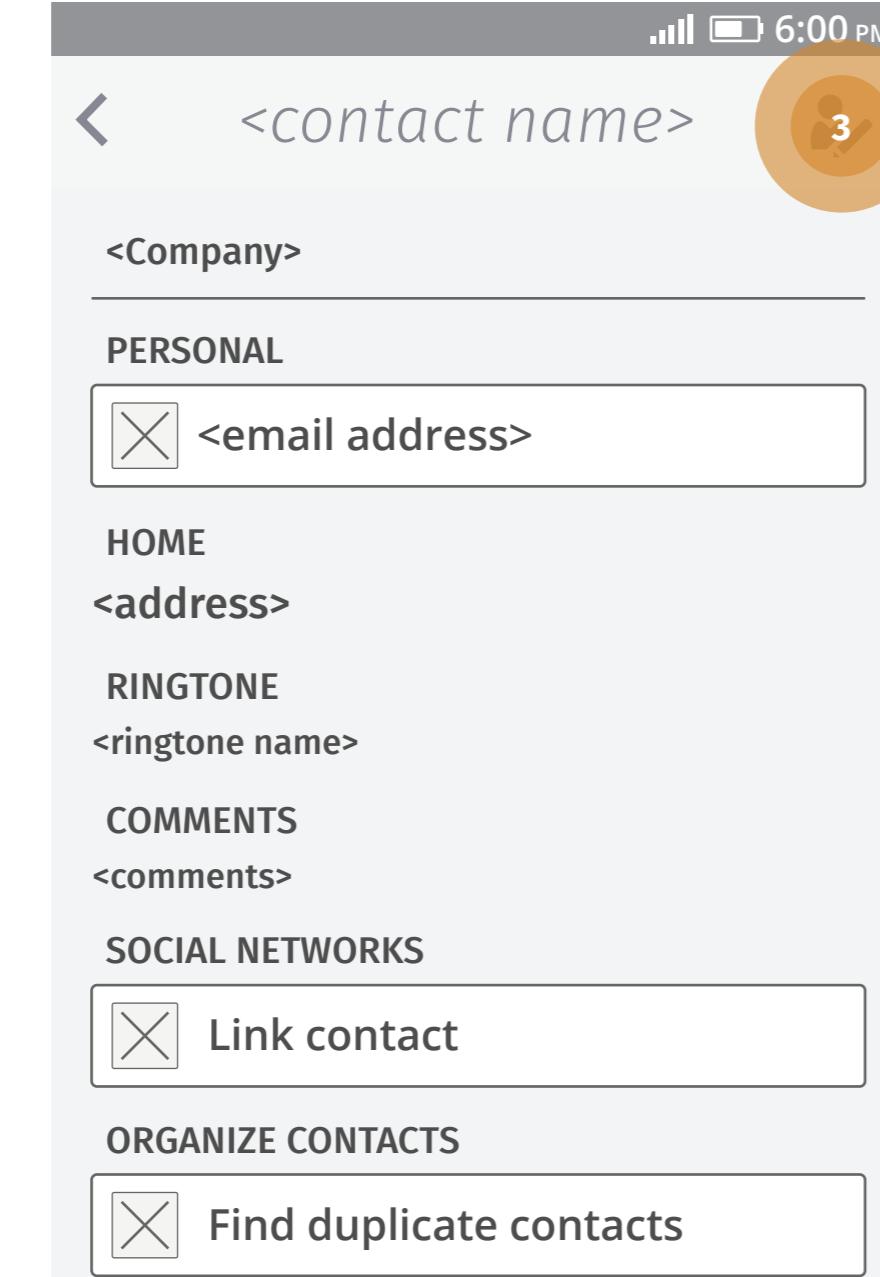
Contacts - Assign Ringtone to Existing Contact

1. Contacts



Contacts app.

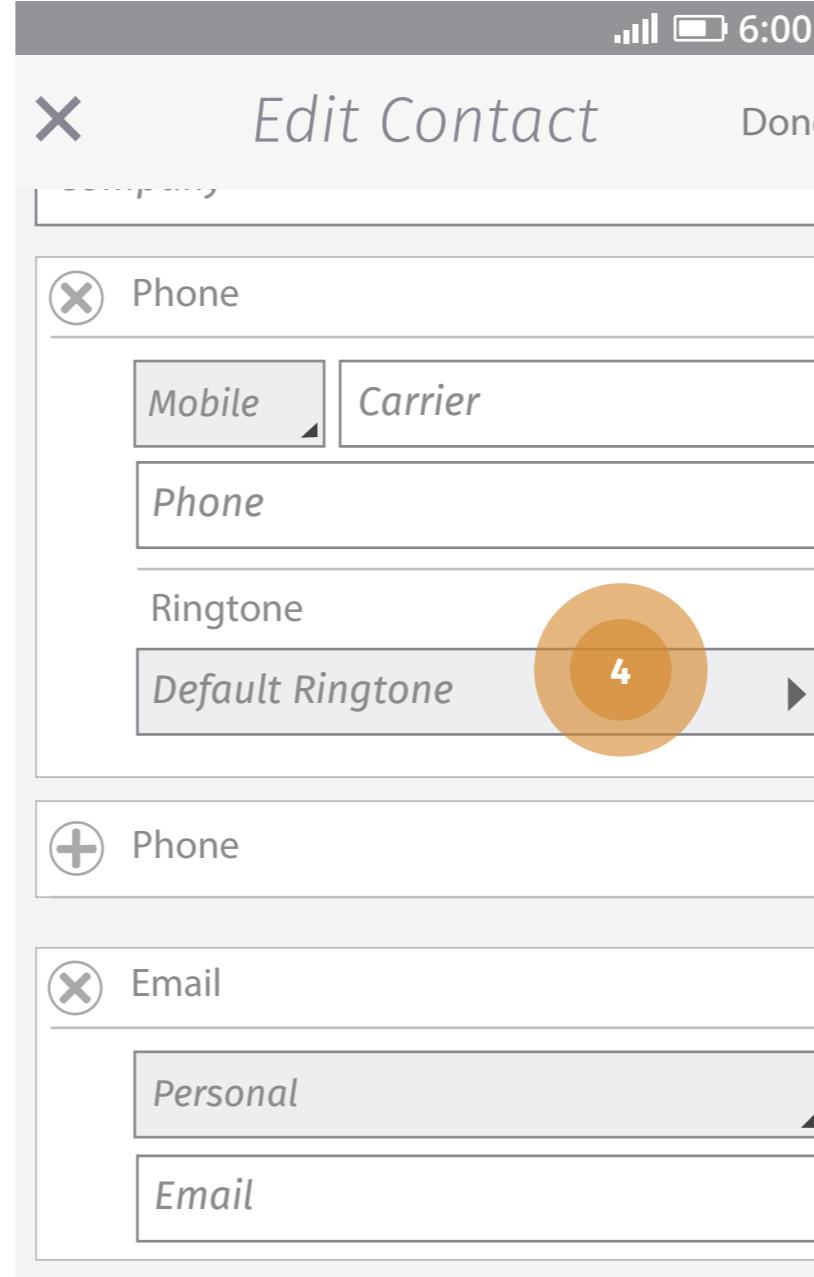
2. Contact Details



Contact details of the selected contact.

Unless changed by the user, the default should be the ringer setting. Otherwise the current setting is reflected.

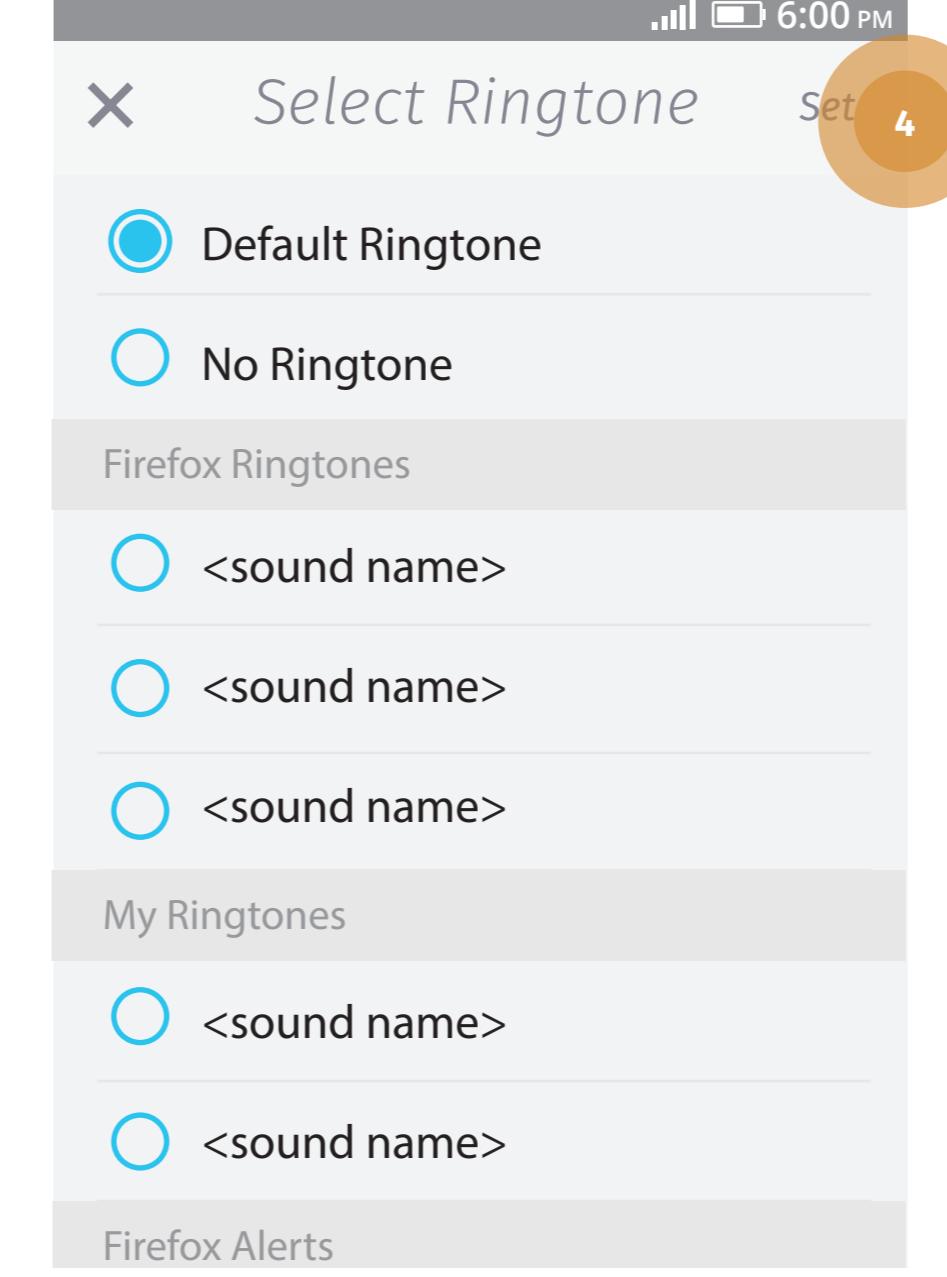
3. Edit Contact



Editing a contact form. A new field is added to allow the user to set a ringtone.

Unless changed by the user, the default should be the ringer setting. Otherwise the current setting is reflected.

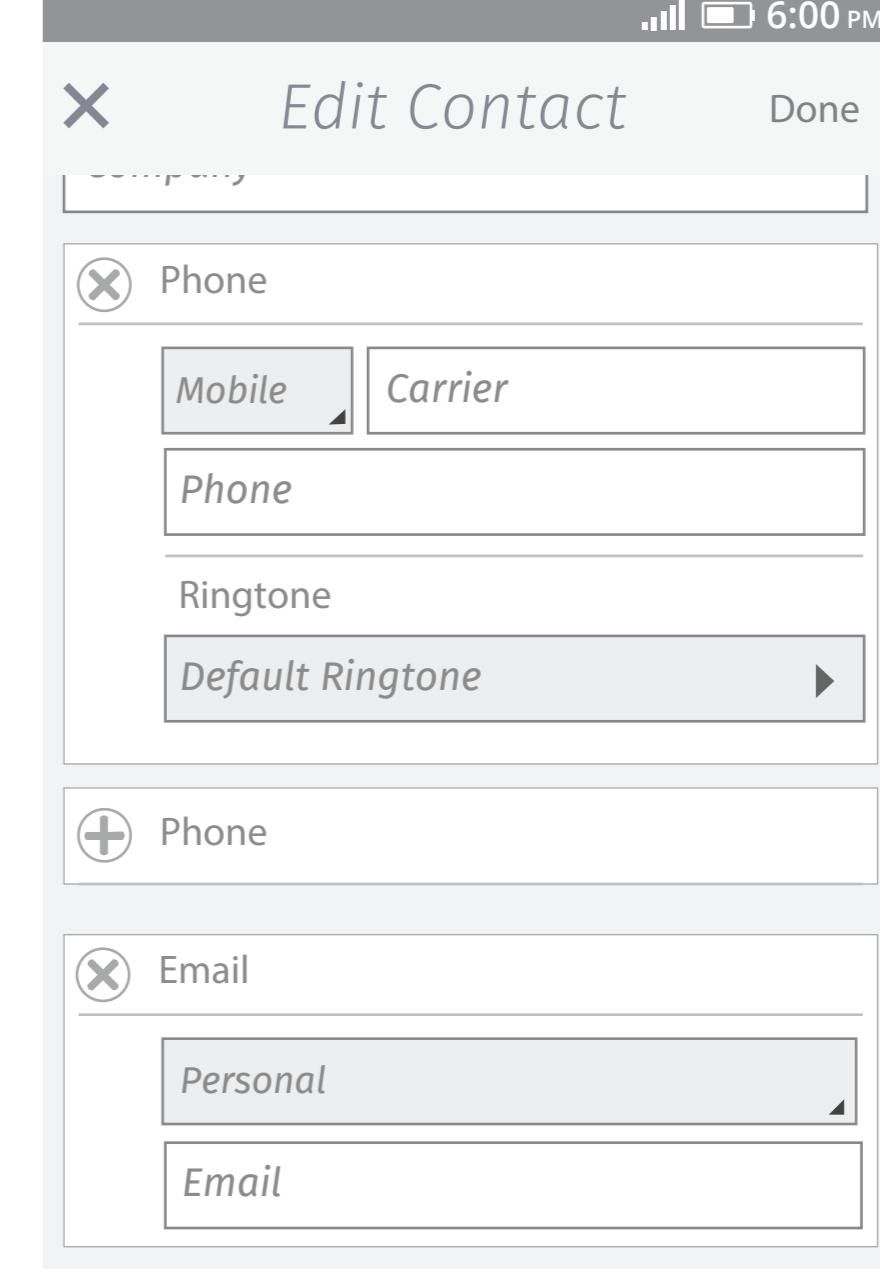
4. Sound Picker



Tapping shows a picker with possible sound options. The current option is selected.

Ringtones sections are prioritized first for the contacts app.

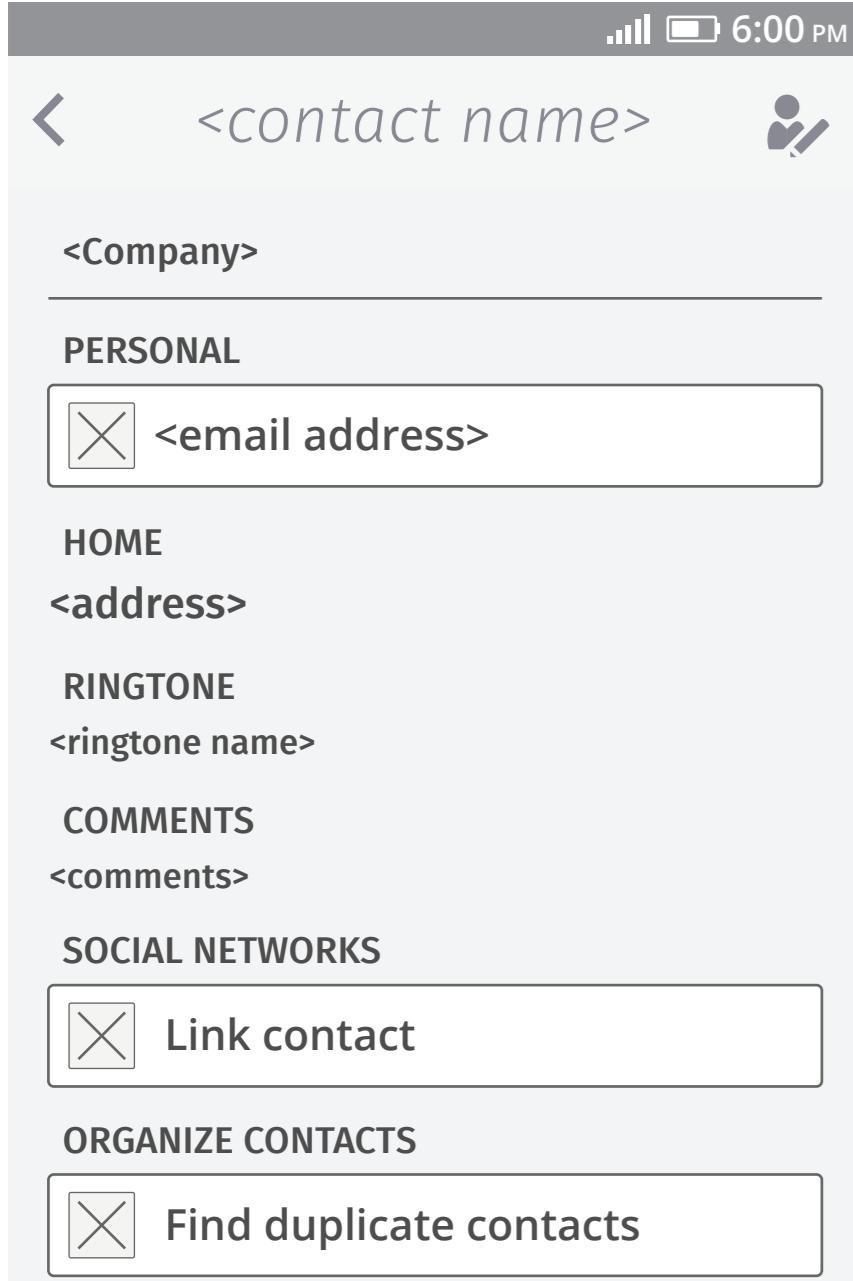
5. Edit Contact



Tapping saves the changes and updates the selector with the current selection.

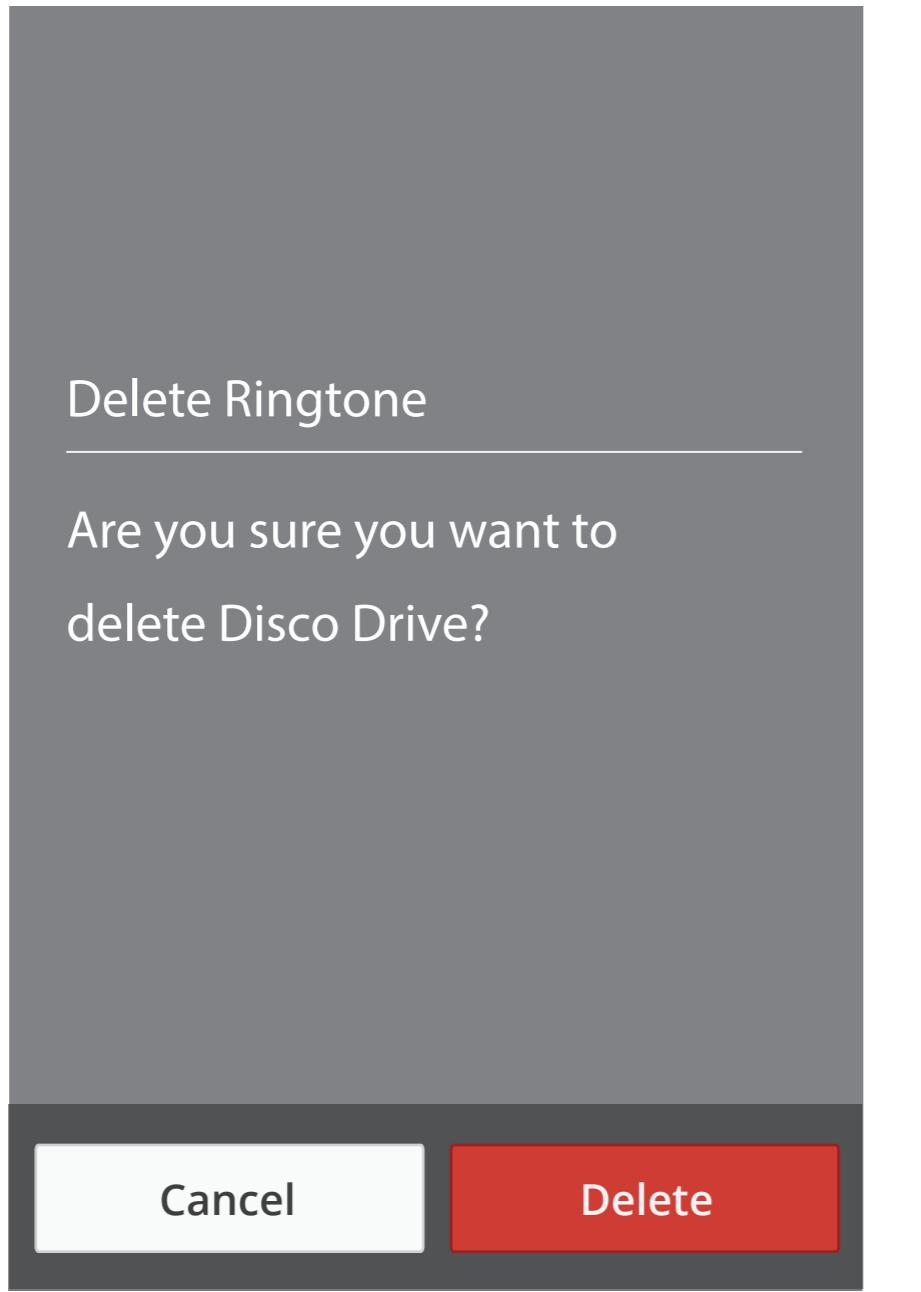
Contacts - Ringtone Deleted

1. Contact Details



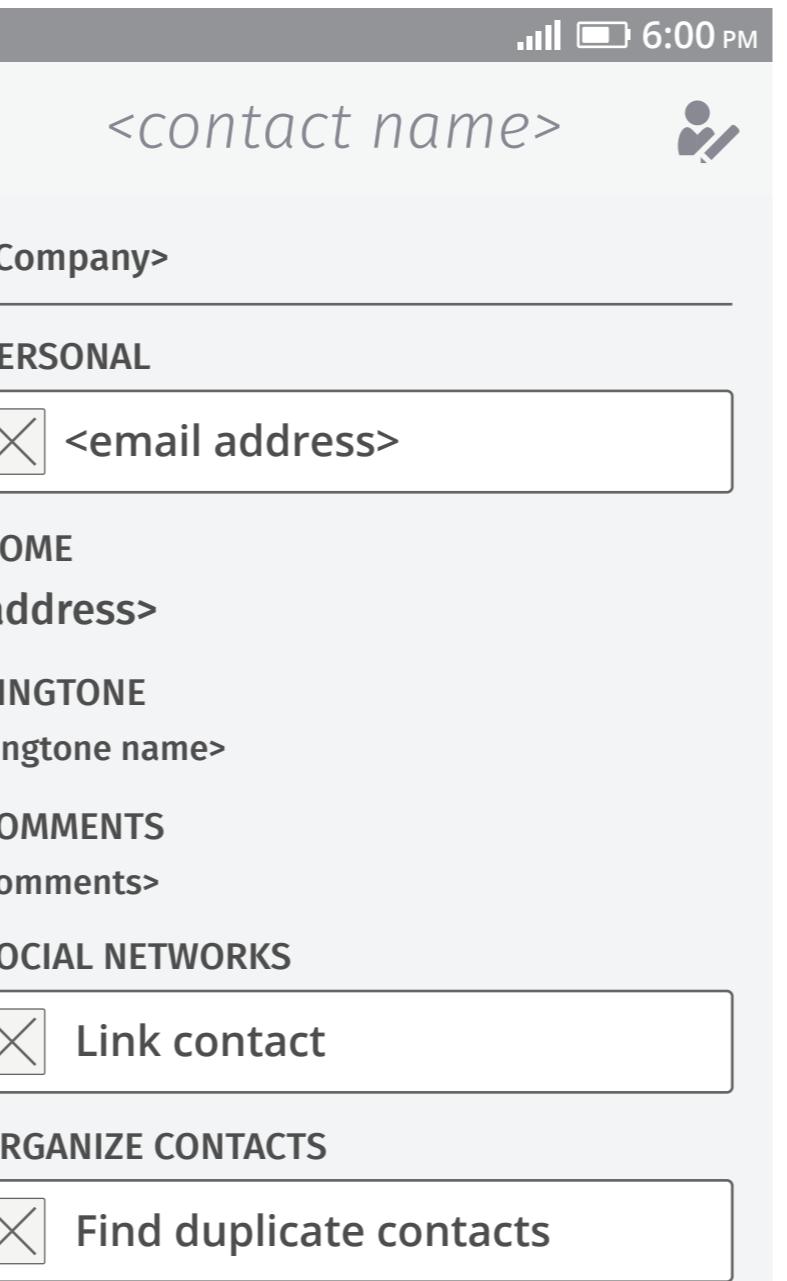
Contact details - ringtone set to Disco Drive.

2. Ringtone Manager - Delete



Via the Ringtone Manager in Settings -> Sound, the user deletes a ringtone.

3. Contact Details

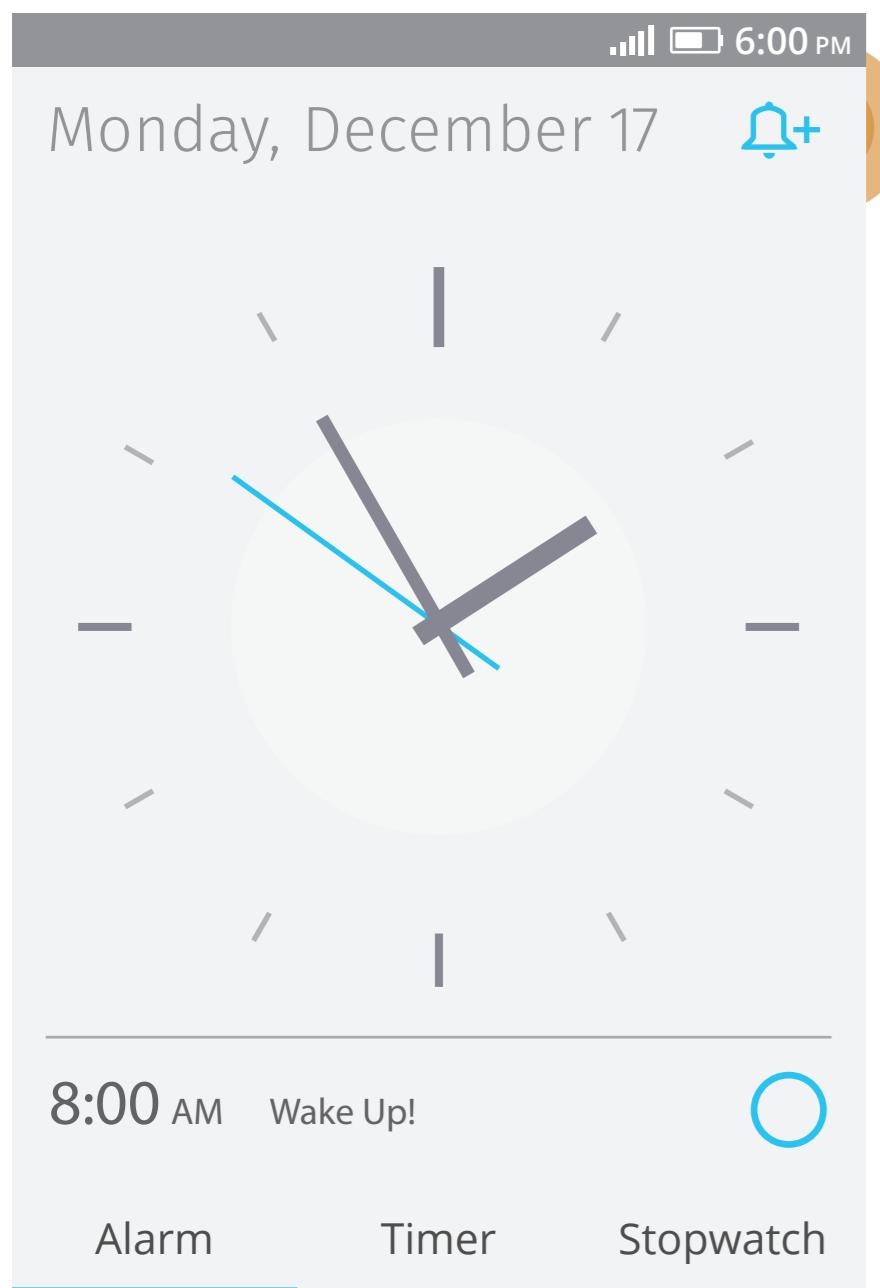


Contacts that were using the deleted ringtone, revert to using the default ringtone that is set in Settings -> Sound -> Ringtone.

Ringtones & Alarms

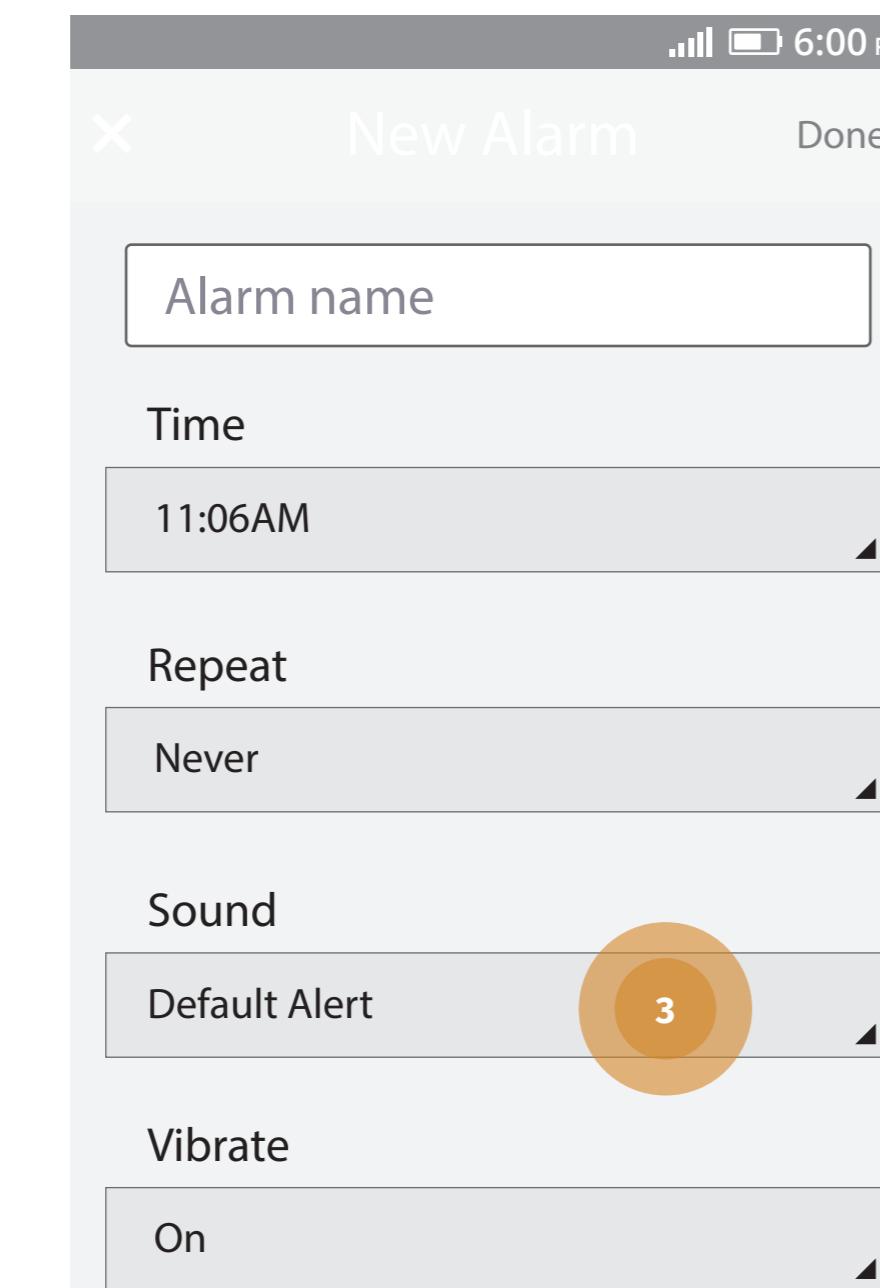
Alarm - Assign Ringtone to a New Alarm

1. Alarm



Clock app.

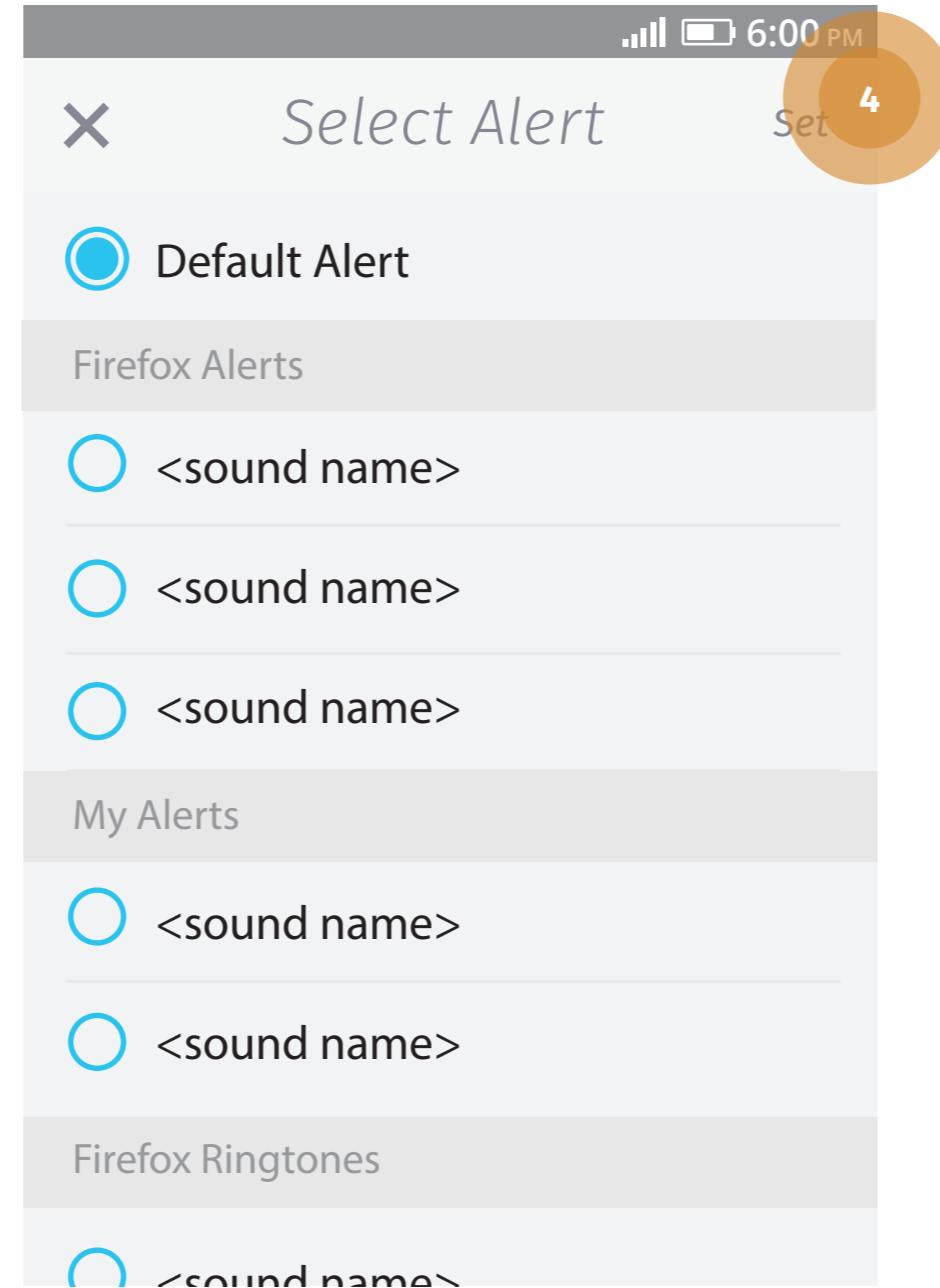
2. New Alarm



Creating a new alarm form.

The sound should be the default until the user changes.

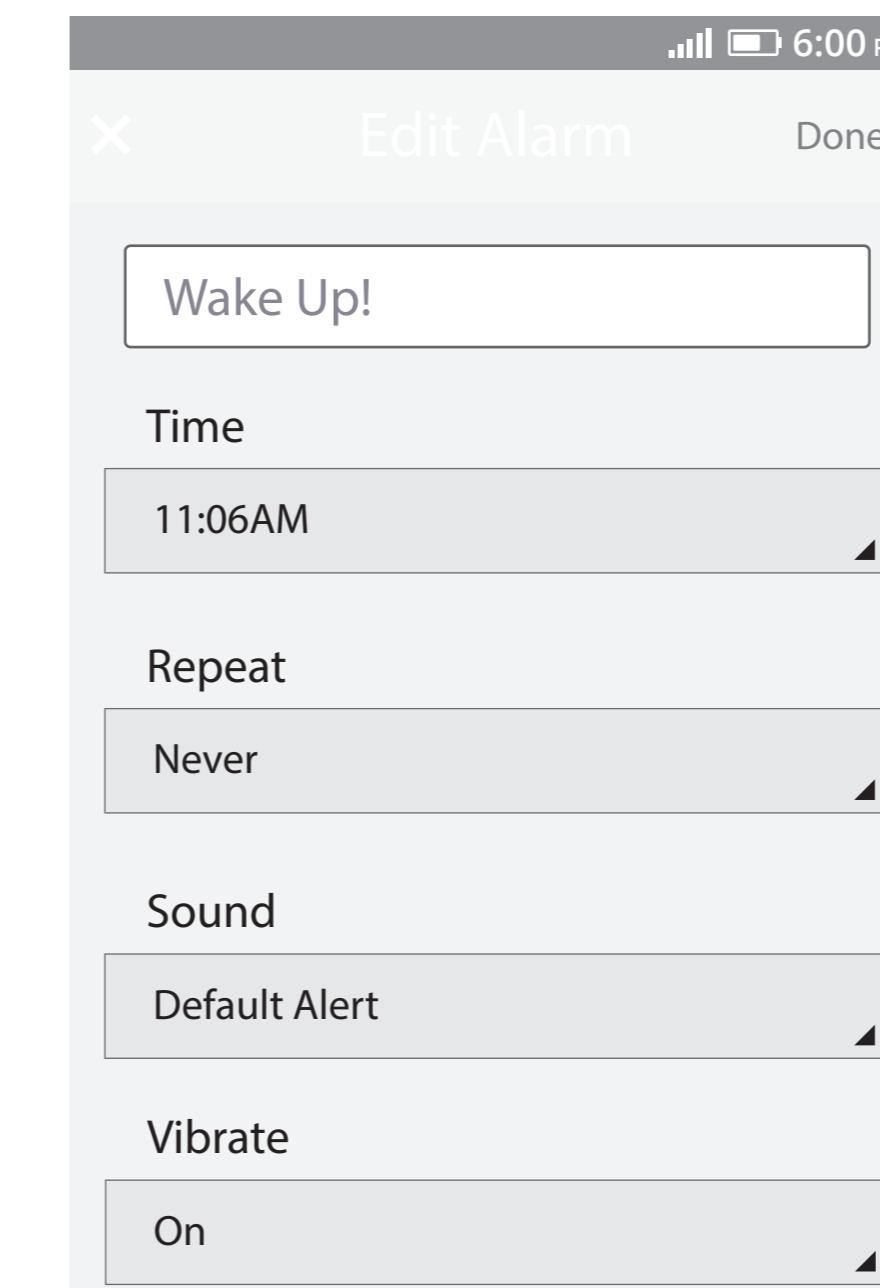
3. Sound Picker



Tapping shows a picker with possible sound options. The current option is selected.

Alert section is prioritized first for the clock app.

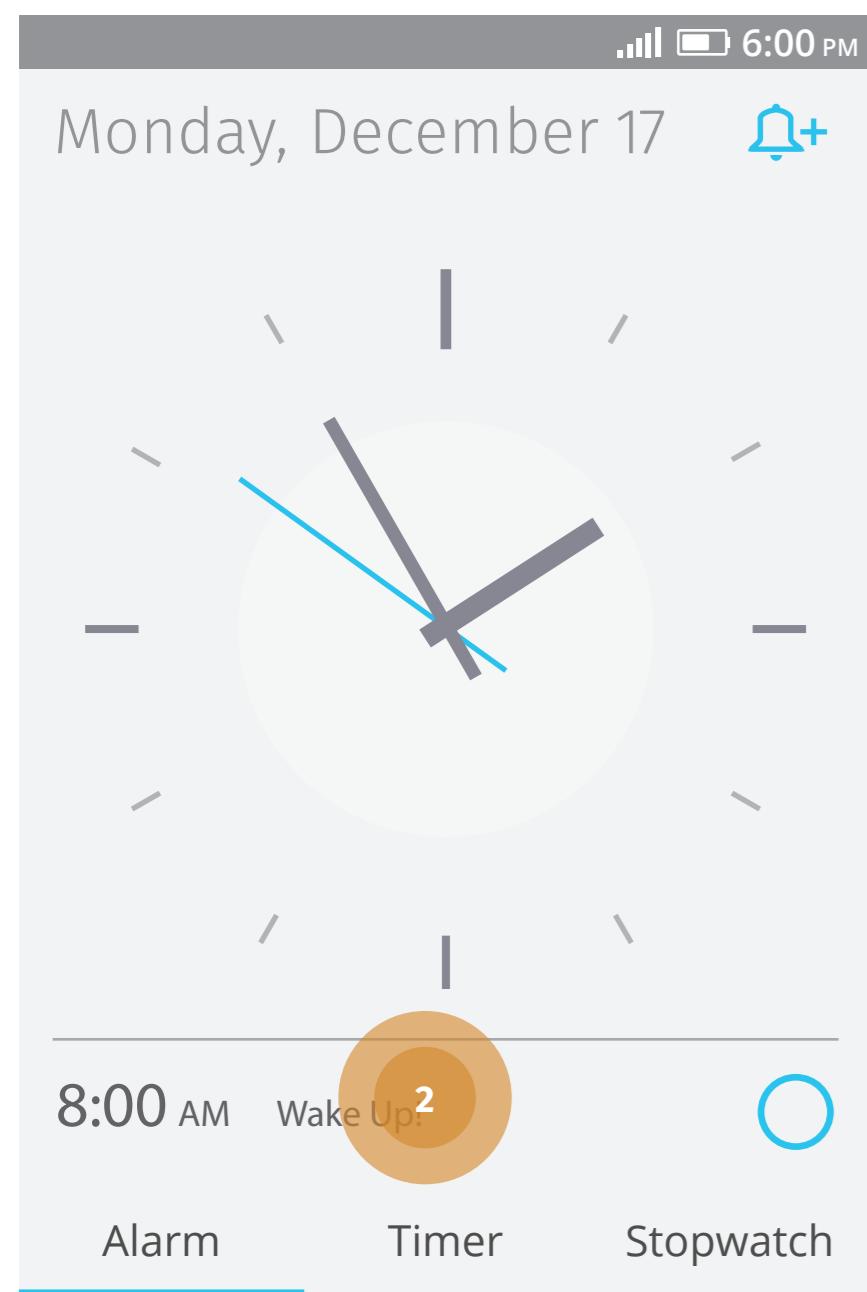
4. New Alarm



Tapping saves the changes and updates the selector with the current selection.

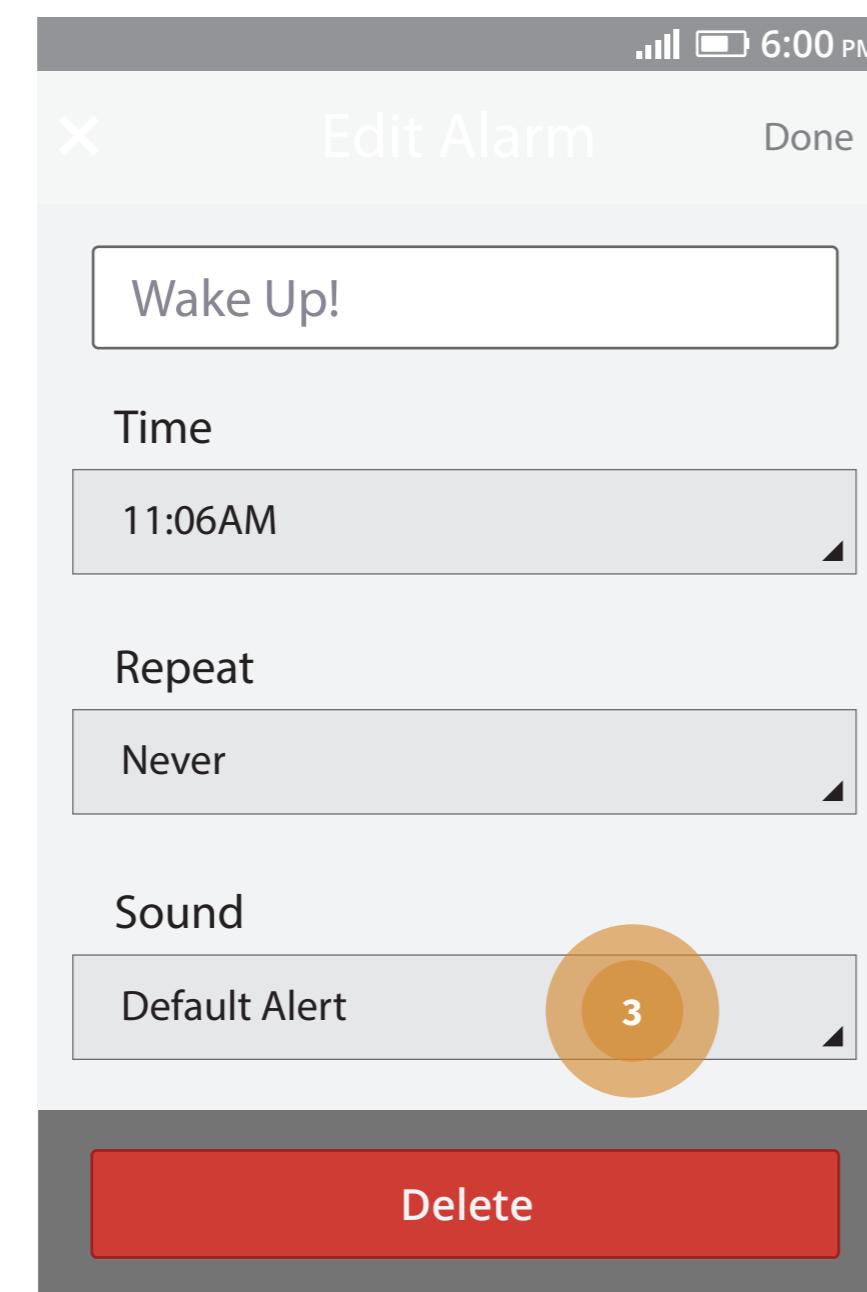
Alarm - Assign Ringtone to an Existing Alarm

1. Alarm



Clock app.

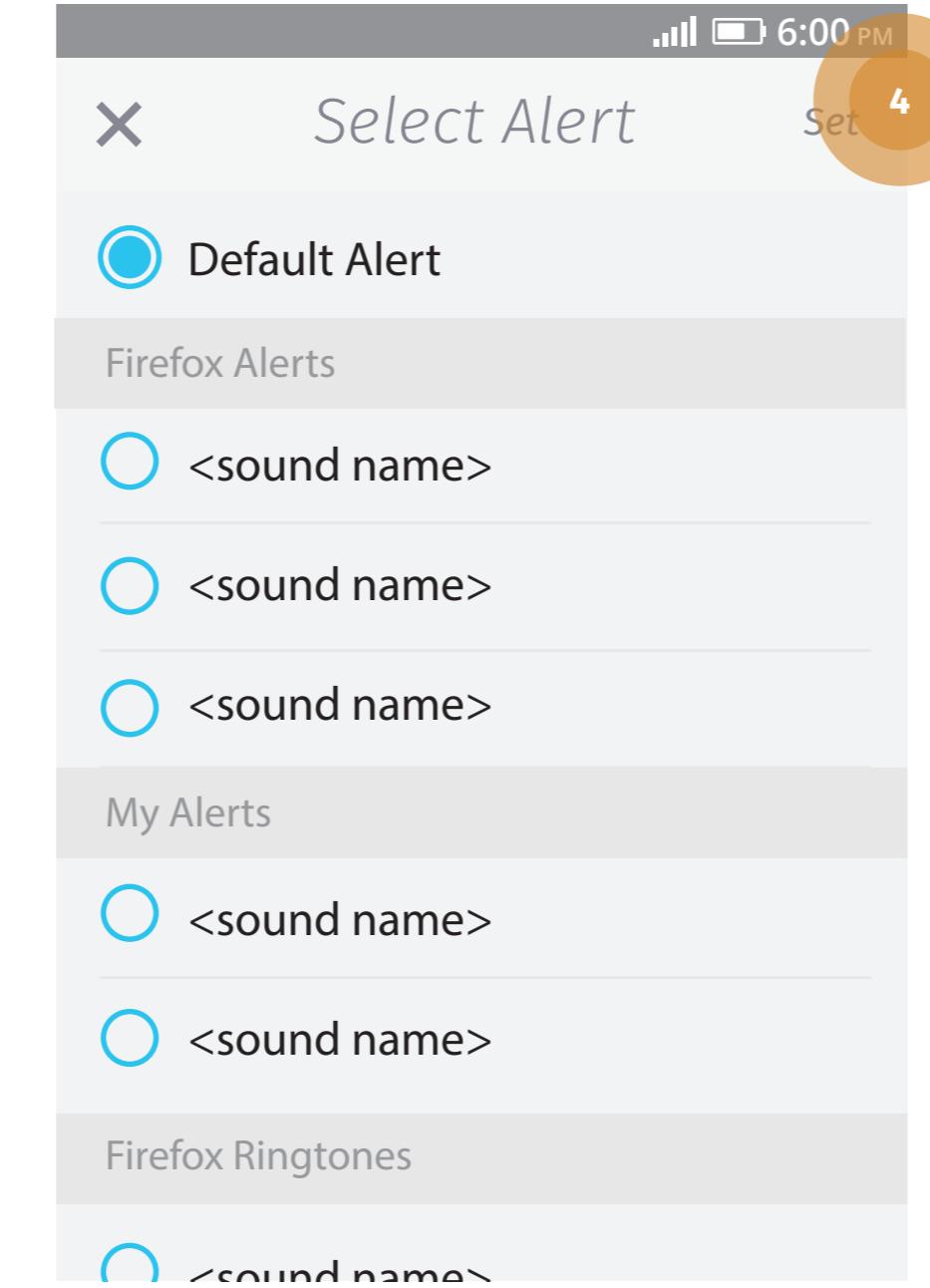
2. Alarm Details



Alarm details of the selected alarm.

Unless changed by the user, the sound should be the default. Otherwise the current setting is reflected.

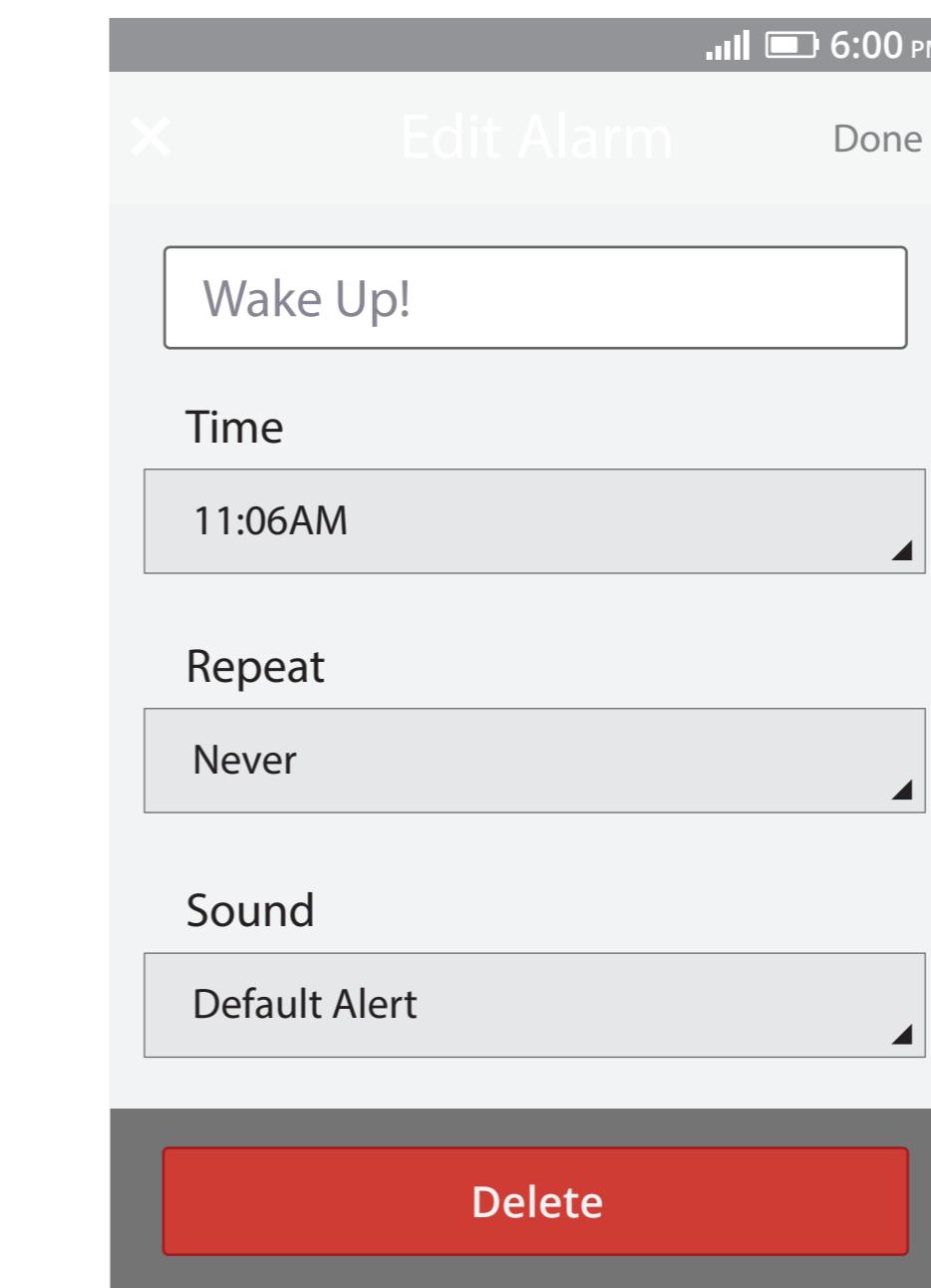
3. Sound Picker



Tapping shows a picker with possible sound options. The current option is selected.

Alert section is prioritized first for the clock app.

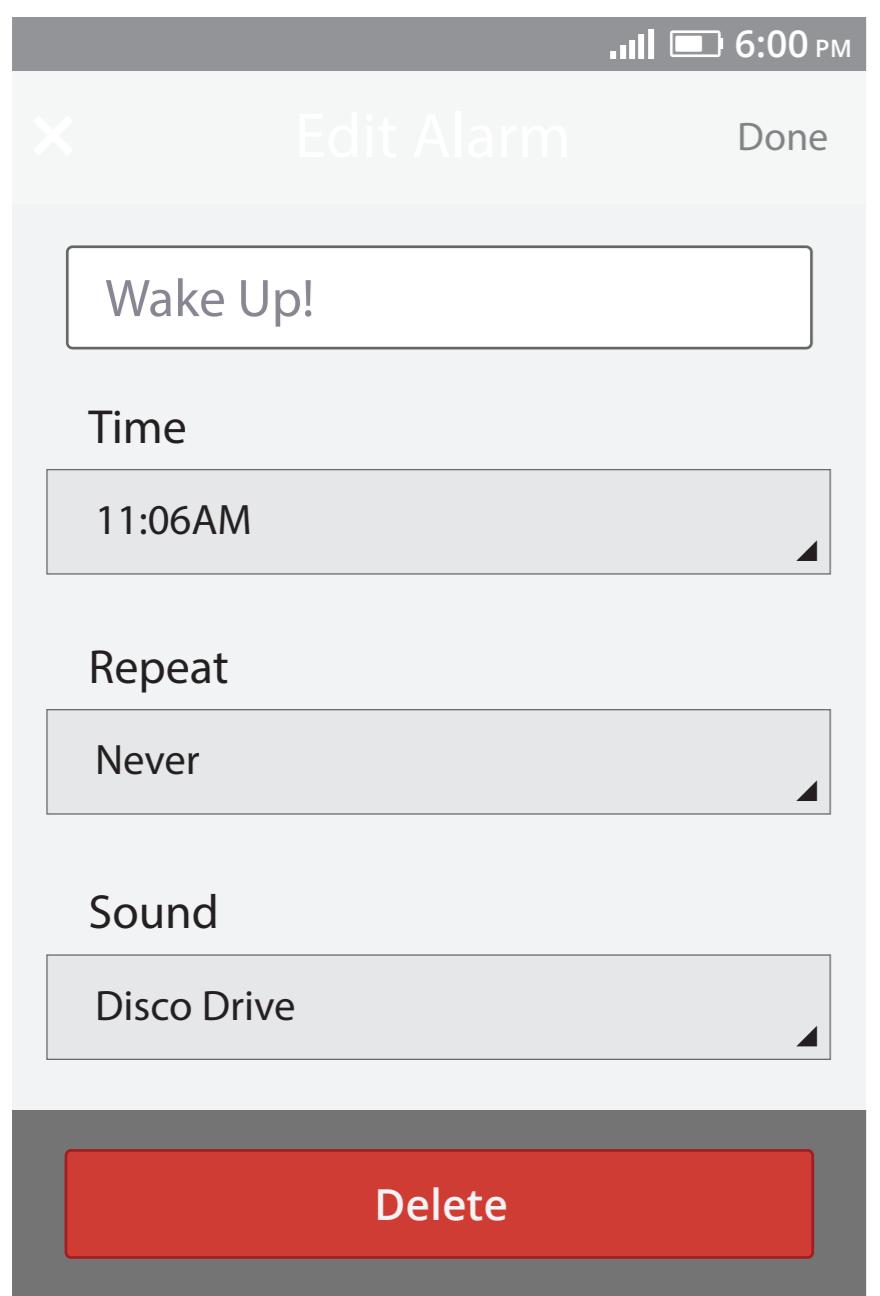
4. Alarm Details



Tapping saves the changes and updates the selector with the current selection.

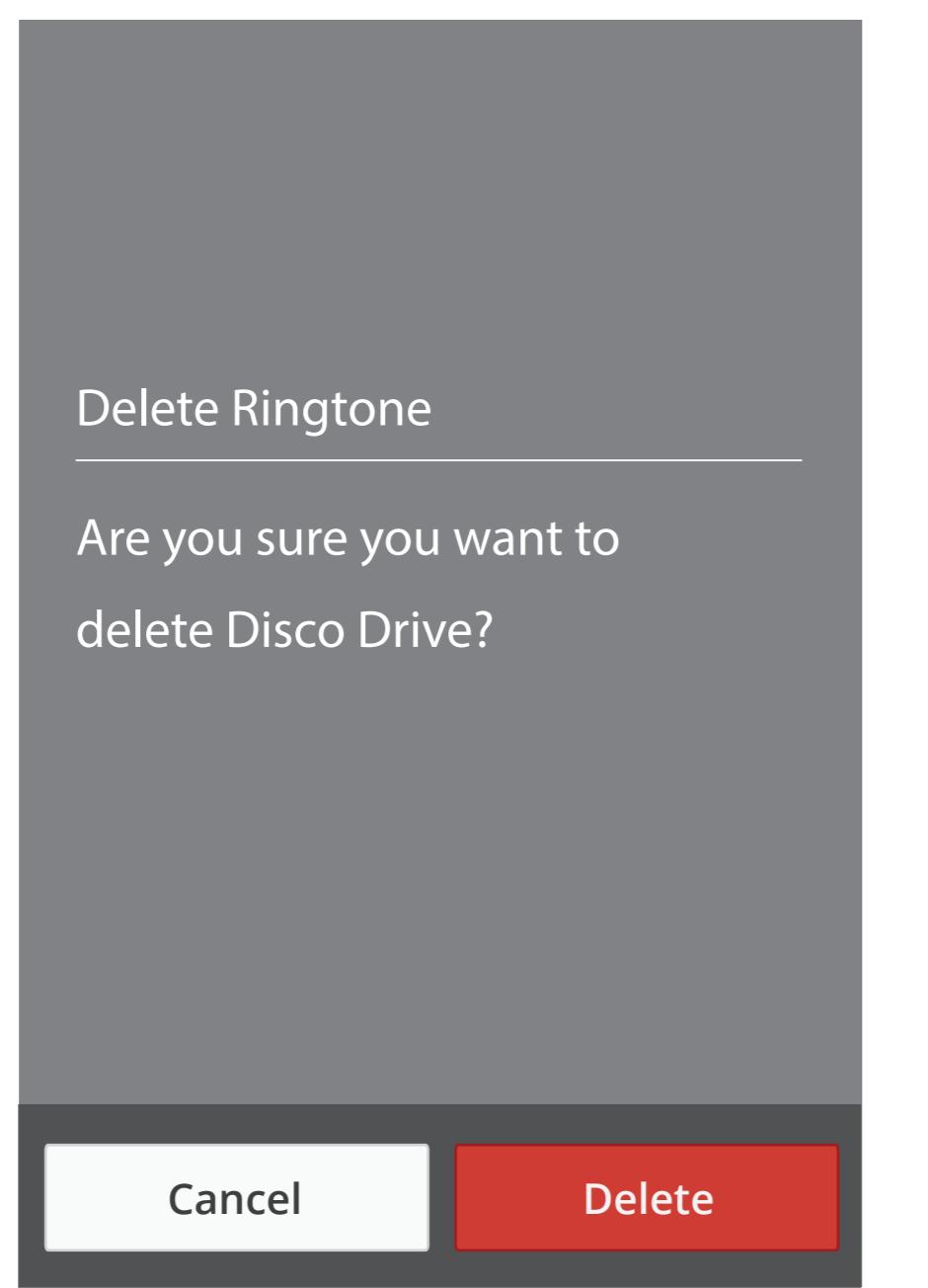
Alarm - Ringtone Deleted

1. Alarm Details



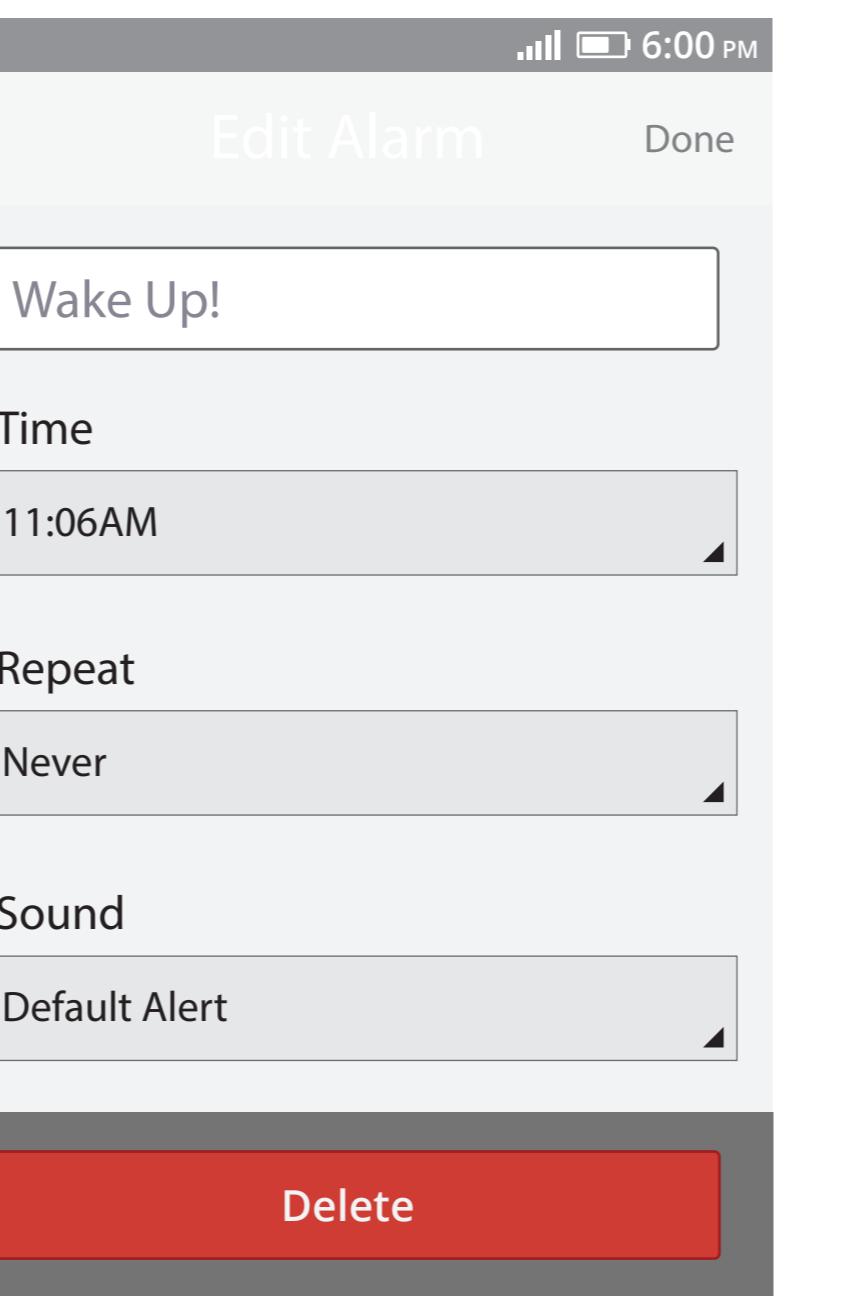
Alarm details in the Clock app.

2. Ringtone Manager - Delete



Via the Ringtones Manager in Settings -> Sound, the user deletes a ringtone.

3. Alarm Details



Alarms that were using the deleted ringtone, revert to using the default alert that is set in Settings -> Sound -> Alert.

Thanks!

From your friends in Firefox OS UX

Appendix - Create Custom Ringtone : Concepts Explored

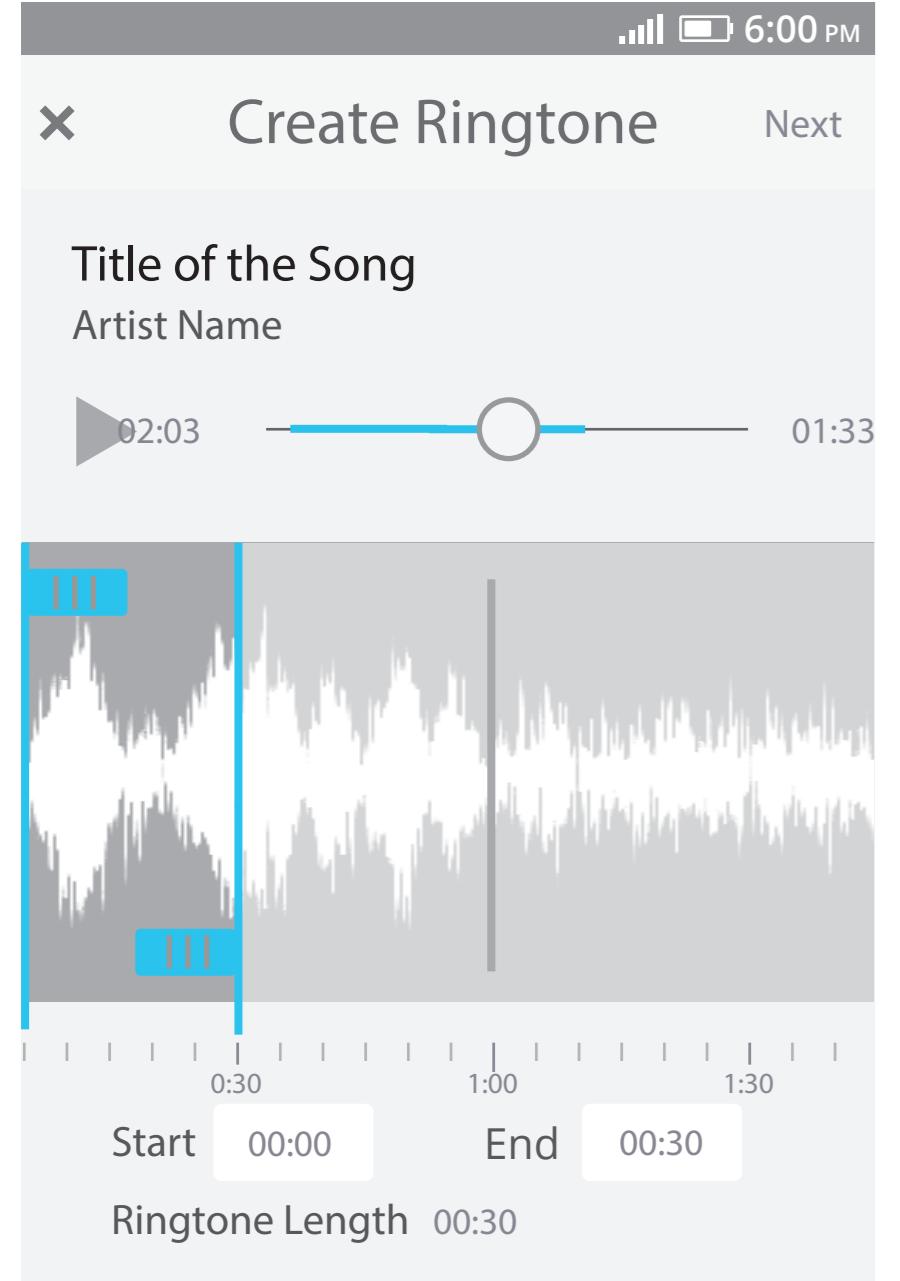
The image displays a 2x4 grid of screenshots from a mobile application for creating custom ringtones. The top row shows the initial selection screen and three steps in the ringtone creation process: 'Crop Ringtone', 'Record Ringtone', and another 'Crop Ringtone' step. The bottom row shows two more 'Record Ringtone' screens and a final 'Edit Your Ringtone' screen.

Screenshots Overview:

- Top Left:** 'Choose a Song' screen showing a list of songs. Songs listed include Ella Fitzgerald's 'I Got Rhythm', Esperanza Spalding's 'Radio Song' (selected), Ghoul Squad's 'Do Work', Gluecifer's 'Chewin' Fingers', Grinning Lizards' 'But It's Alright' (selected), and another entry for Grinning Lizards' 'But It's Alright'.
- Top Middle Left:** 'Crop Ringtone' screen. It asks for 'Title of the Song' and 'Artist Name - Album Name'. It specifies a 'Length' of '20 Seconds' and a 'Start Time' of '2:03'. A preview bar shows the start time at 2:03 and the end at 2:23.
- Top Middle Right:** 'Record Ringtone' screen. It asks for 'Title of the Song' and 'Artist Name - Album Name'. It shows a timer at '00:00' and a recording interface with 'Clear' and 'Record' buttons. A preview bar shows the start at 02:03 and end at 04:23.
- Top Right:** Another 'Crop Ringtone' screen, similar to the middle one but with a different preview bar showing a shorter duration from 02:03 to 01:33.
- Bottom Left:** 'Record Ringtone' screen. It asks for 'Title of the Song' and 'Artist Name - Album Name'. It shows a preview bar from 0:00 to 0:33, a 'Start time' slider at 0:00, and a 'Length' of '20 Seconds' selected. A 'Record' button is present.
- Bottom Middle:** 'Record Ringtone' screen. It asks for 'Title of the Song' and 'Artist Name - Album Name'. It shows a preview bar from 00:00 to 00:20, a 'Record' button, and a note to 'Listen to the full ringtone length to record.'
- Bottom Right:** 'Edit Your Ringtone' screen. It shows a waveform with orange markers indicating the start (0:48) and end (1:28) points. It includes a preview bar from 2:06 to -0:46, and arrows for navigating the waveform. Buttons for 'Back', 'Create', and 'H5' are at the bottom.

New Ringtone - Crop Details

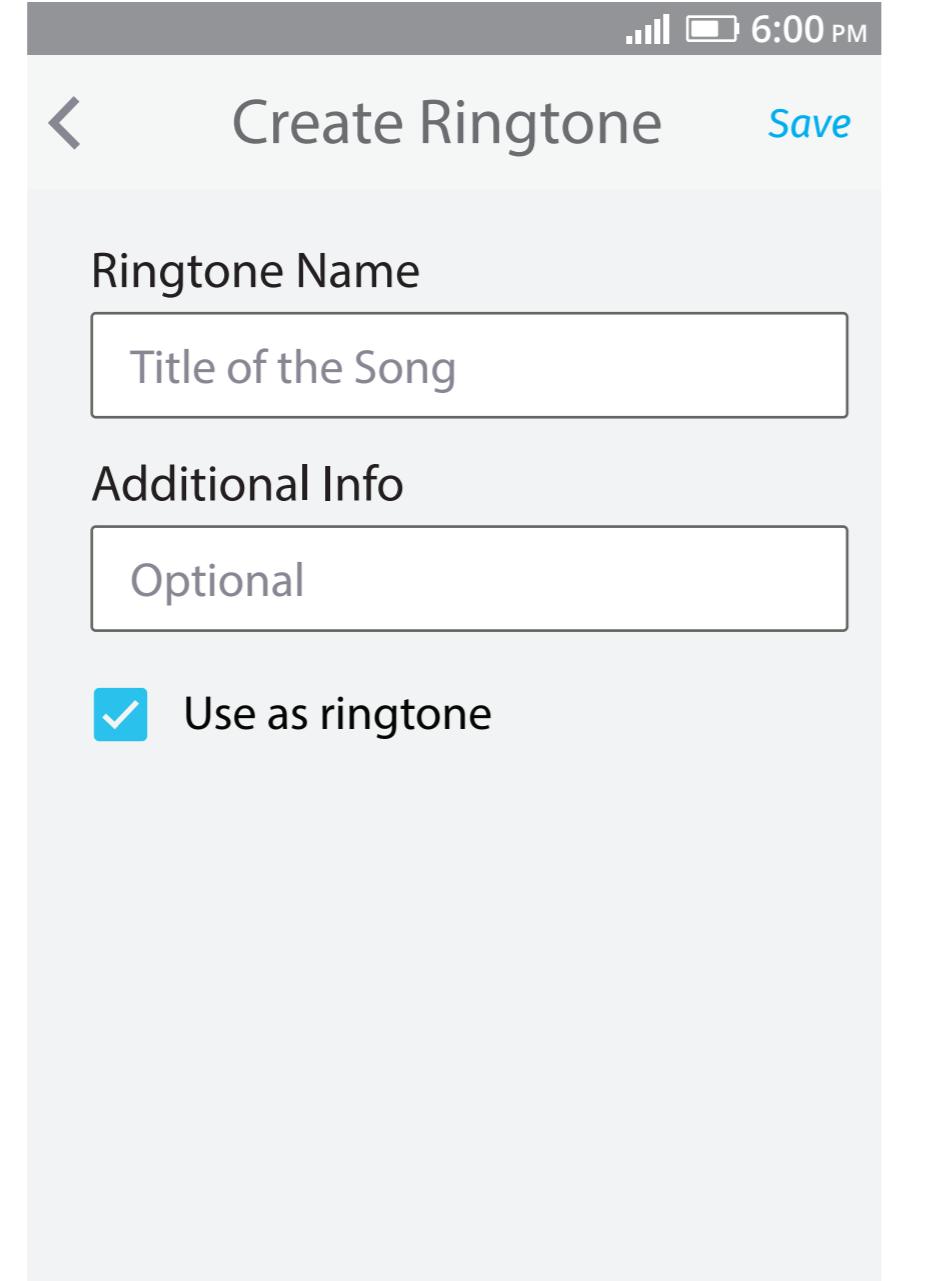
Step 1



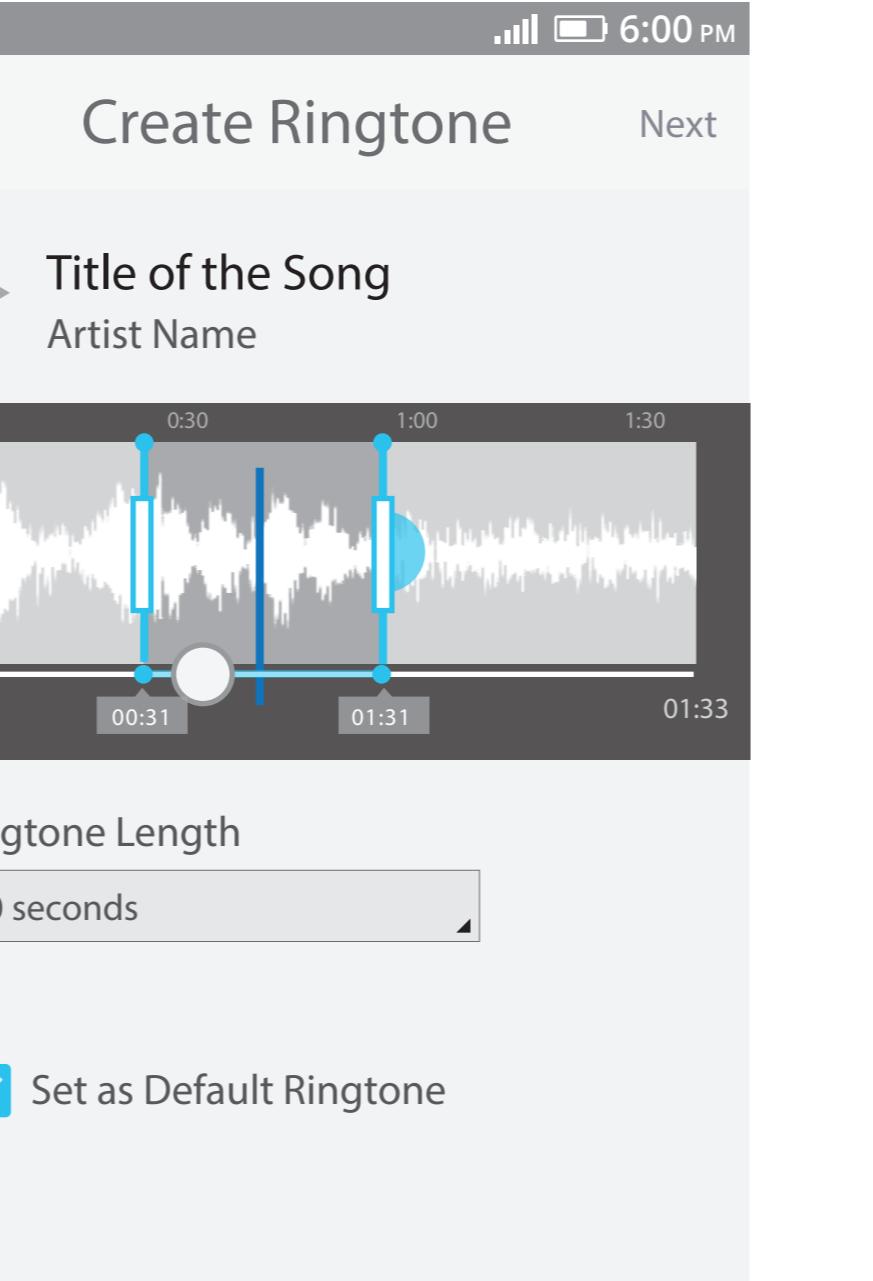
Dragging end bar extends time
Dragging start bar moves whole area
Dragging updates the start/end in real time and the blue bar in the scrubber
Pressing play starts at the beginning of the clip and stop at the end.
Scrubber can be used to listen outside of clip

Do people care about the length info?
Max and min behaviours

Step 2



Should we add in a "listen" button ?



Start 00:00 End 00:30
Ringtone Length 00:30

Notes

A File Information

Text showing information related to the audio file is displayed. For music, this would include song title, artist, and album name. For 3rd party apps, this could be primary and secondary information.

B Playback

The control toggles between play and pause as the user starts and stops playback.

C Default Ringtone

The user has the option to make the ringtone they are creating the default ringtone. This option is defaulted to selected.

D Save

When saving, the title of the song or filename becomes the ringtone name. If the file name 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.

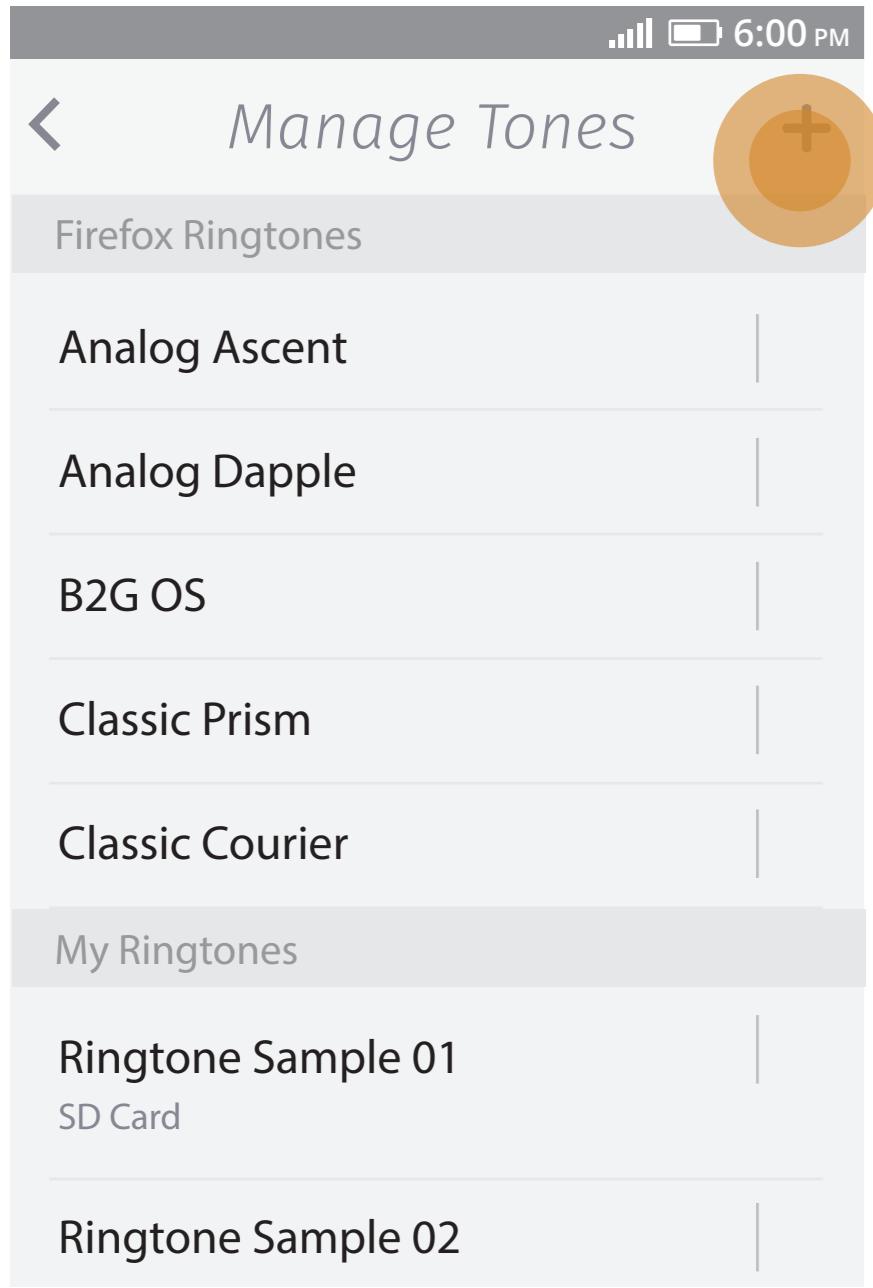
Other Behaviours
All other behaviours remain the same.

Comments

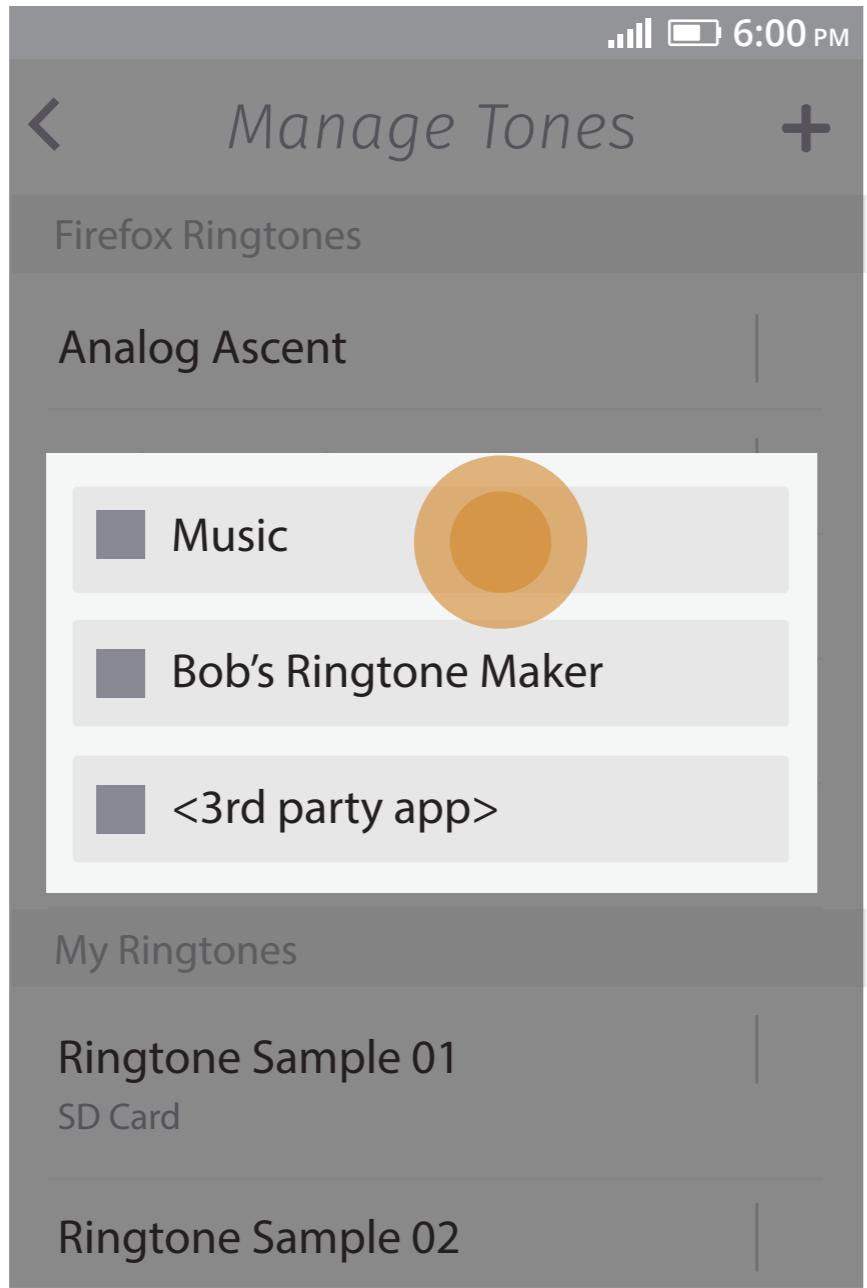
To retain simplicity, a progress bar does not appear during playback. At this time, the user is not able to change the name of the saved ringtone.

New Ringtone - Create Custom Ringtone Flow

1. Manage Tones

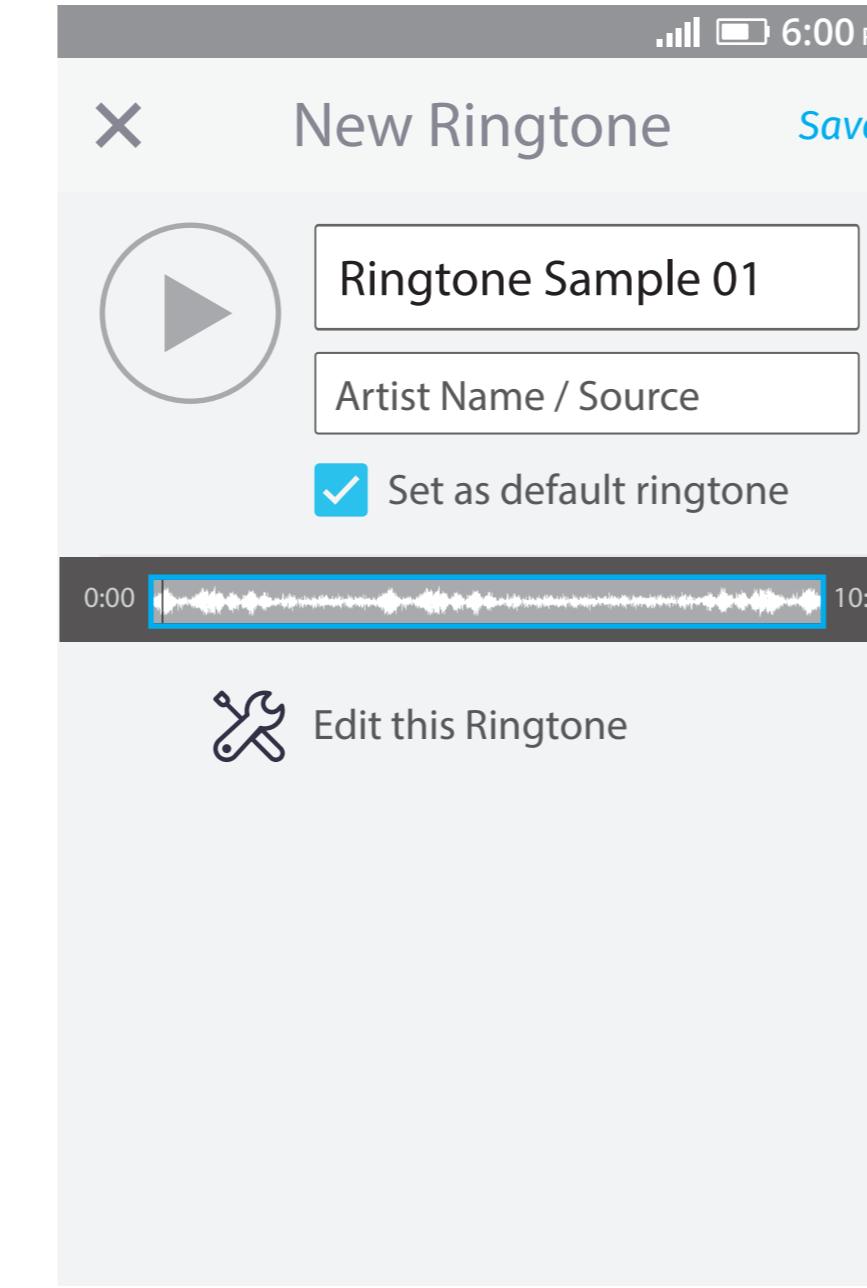


2. Action Menu

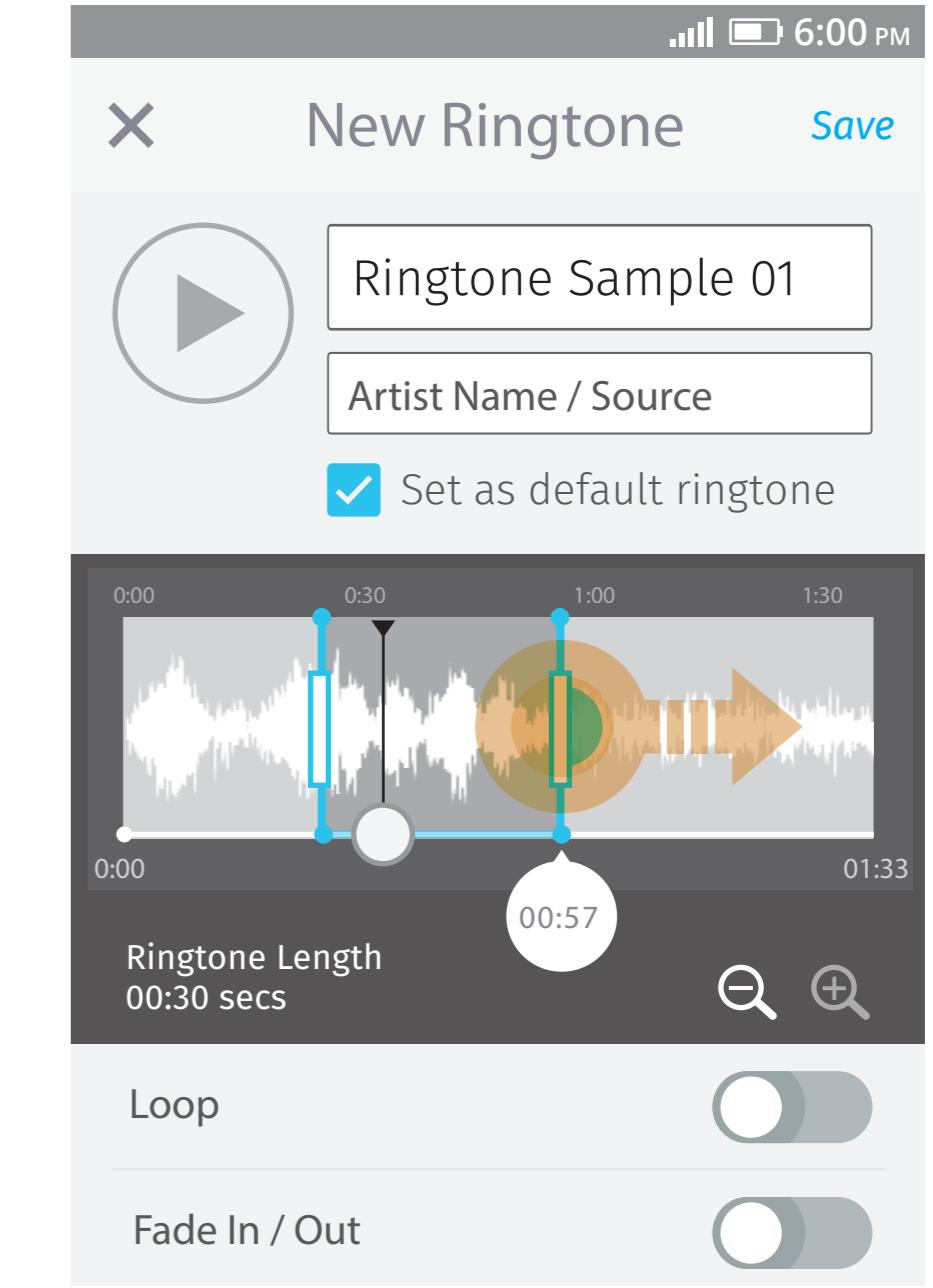
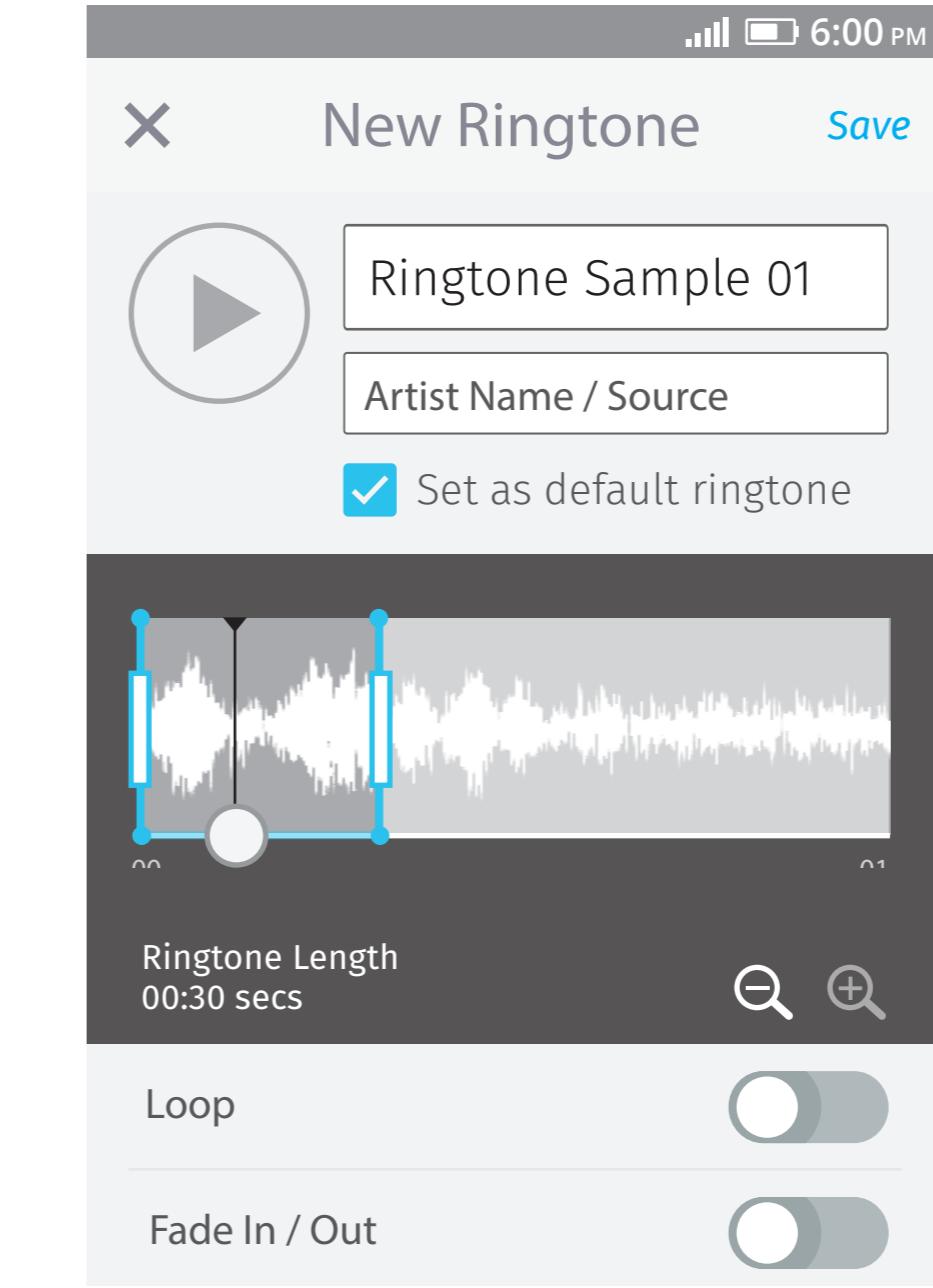


- Music picker activity
- Select Song
 - Preview Song & Save
 - Confirmation

3. Custom Ringtone



3. Edit Ringtone



UX metadata Question: Non editable?

- Artist Name or Album
- Source (Music app, SD Card, Bob's Rlntone Maker app)
- Date Added / Modified

