

# Firefox OS



## Ringtones 1.5/2.0

Version 1.9 June 24, 2014

Questions? E-mail the author or [firefoxos-ux@mozilla.com](mailto:firefoxos-ux@mozilla.com)

# Release Notes

|      |             |                      |   |
|------|-------------|----------------------|---|
| v1.0 | Mar 11 2014 | Tiffanie Shakespeare | New spec using Jacqueline's work as basis   |
| v1.1 | Apr 03 2014 | Tiffanie Shakespeare | In create ringtone screen - replace checkbox with switch (toggle) per Harly   |
| v1.2 | Apr 07 2014 | Tiffanie Shakespeare | New ringtone flow - My Music is Music, can't control order of action menu<br>Ringtone Mgr - subtitle can be artist or another piece of metadata rather than source  |
| v1.3 | Apr 10 2014 | Tiffanie Shakespeare | Updated WIP to 2.1 Release  |
| v1.4 | Apr 21 2014 | Tiffanie Shakespeare | New page to provide more details for create ringtone<br>Updated Music app picker during creation flow<br>Removed "add to contacts" from action menu in Ringtone Manager<br>Added set as default to Ringtone Manager action menu   |
| v1.5 | Apr 30 2014 | Tiffanie Shakespeare | Added new pages to cover error cases<br>Added new page for delete confirmation cases<br>On the create screen, the default ringtone control is updated to a checkbox<br>Finalized strings  |
| v1.6 | May 14 2014 | Tiffanie Shakespeare | Remove "set as default" from action menu<br>Sub-header on Sounds setting page is "Manage Sounds" instead of "My Sounds"<br>Creation via Manager - cancel goes back to manager instead of pick activity<br>Create screen - Untitled can be use for ringtone name if file name and song name aren't available<br>- default ringtone string updated<br>Creating ringtones from other apps - banner confirmation replaced with full screen dialogue<br>Sub-headers for Ringtone Manager are "Custom Ringtones" and "Firefox Ringtones"            |
| v1.7 | May 29 2014 | Tiffanie Shakespeare | Create screen - default ringtone string updated<br>Settings->Sounds page - manage ringtones button should be title case<br>Share activity from Music and Download Manager must be app name - i.e. Ringtones<br>Ringtone manager - tapping a ringtone again during playback will stop the playback<br>- there are no icons in the more action menu<br>Ringtone creation flows - full screen dialogue confirmation replaced with system notification<br>Custom ringtone names are not translated<br>Create Flow - added spinner for saving step |

# Release Notes

|                 |                          |                                |   |
|-----------------|--------------------------|--------------------------------|---|
| <del>v1.8</del> | <del>June 11, 2014</del> | <del>Tiffany Shakespeare</del> | <del>Manage ringtones buttons moves up and manage sounds section is removed</del>   |
| v1.9            | June 24, 2014            | Tiffany Shakespeare            | Reverted to previous placement of ringtone button in Settings as it broke the tablet UI and there is not enough time in 2.0 to fix. |

# Open Issues

What does picker look like for contacts, alarm, and even the ringer? All UI should be the same. Need to discuss with UX team about a pattern and building block. -- Building Block Value Selector with Sub-header

When is the contact and alarm work going to be done by those teams? Confirming with Wilfred? Wilfred confirmed that it should be pushed to 2.1.

# User Stories

As a user, I want to set a ringtone by using a song from the Music app and I want to have that ringtone appear in the list of available ringtones on my phone.

As a user I want to be able to delete ringtones that I do not want anymore.

As a user, I want to be able to create a new ringtone from any audio file downloaded from the browser.

As a user, I want to be able to share my ringtones (non-locked) with my friends via NFC, bluetooth, MMS or email.

~~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.~~

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

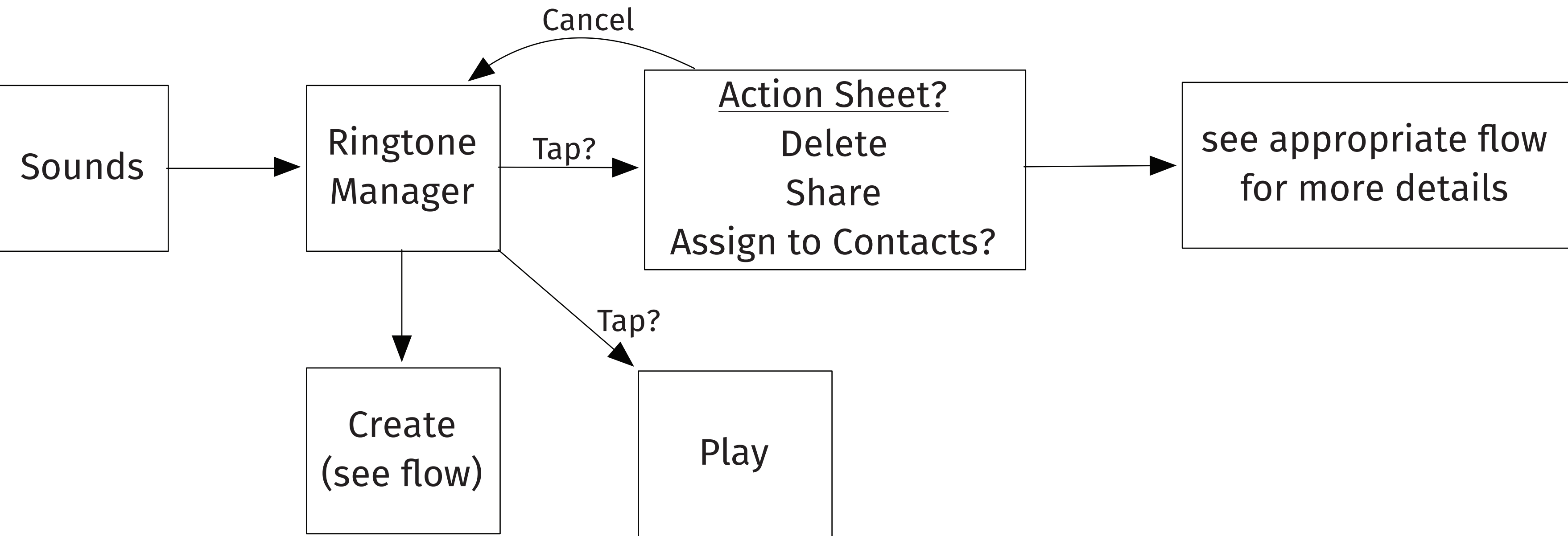
~~As a user, I want to be able to easily customize my ringtones by downloading some kind of theme or ringtone pack from the Marketplace.~~

~~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.~~

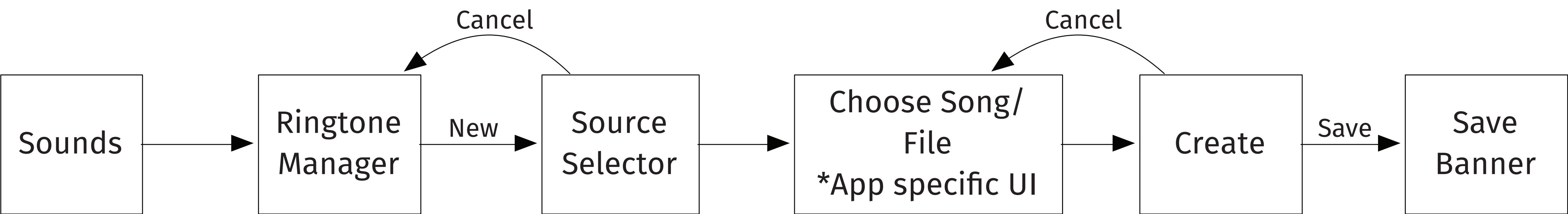
# IA Diagrams



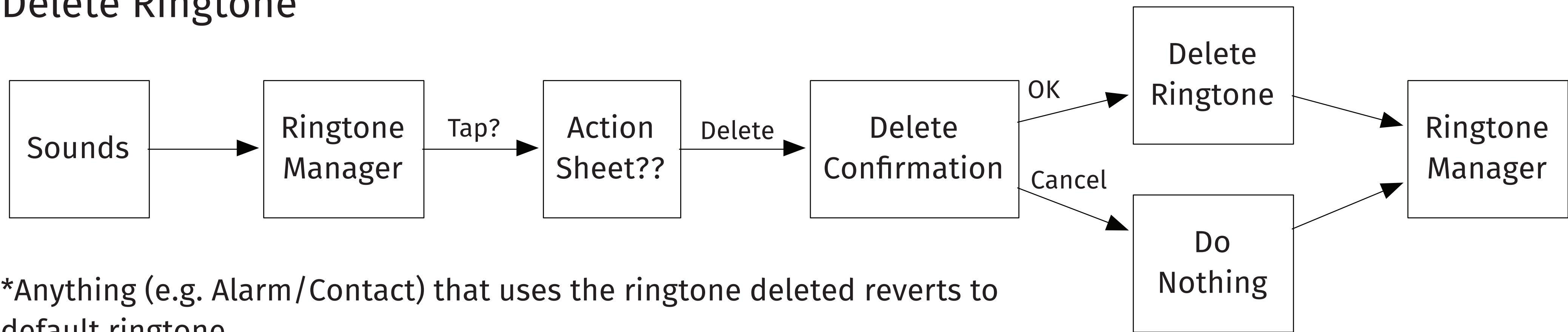
Manage Ringtone



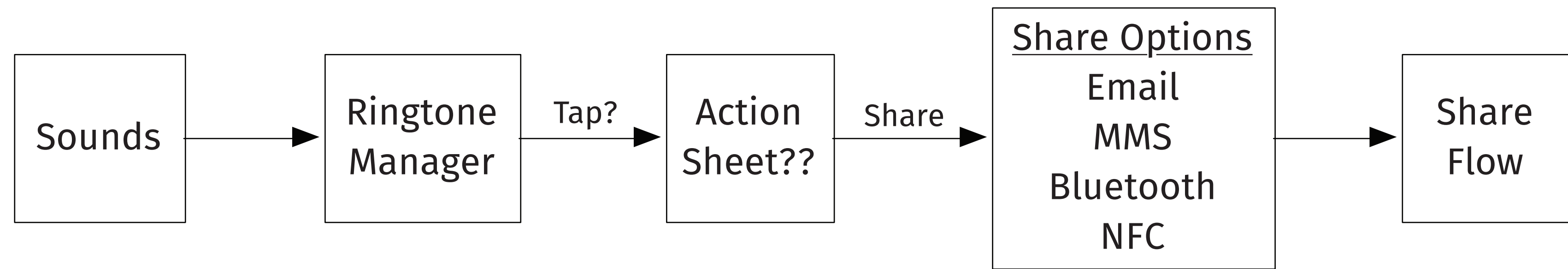
Create Ringtone



Delete Ringtone



Share Ringtone

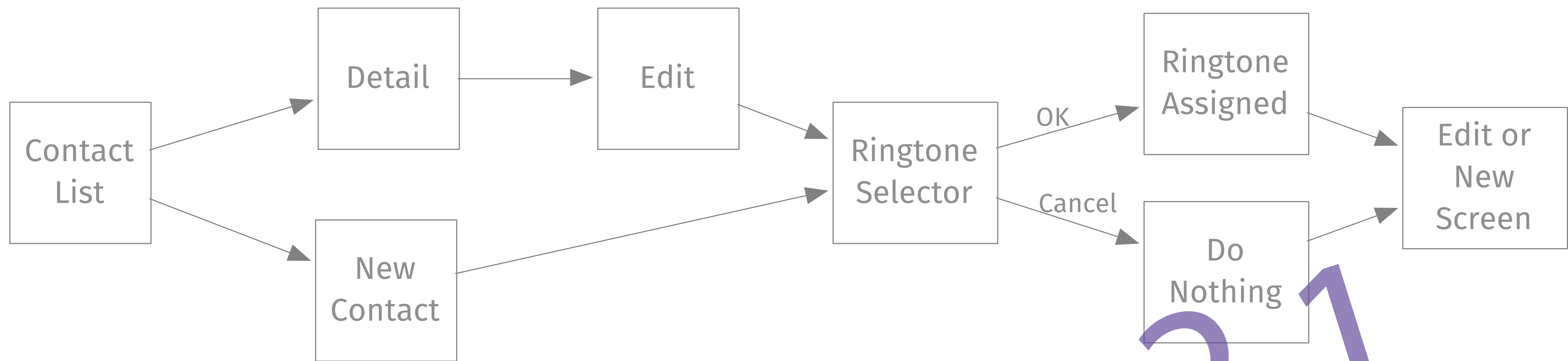


Add Ringtone to Multiple Contacts



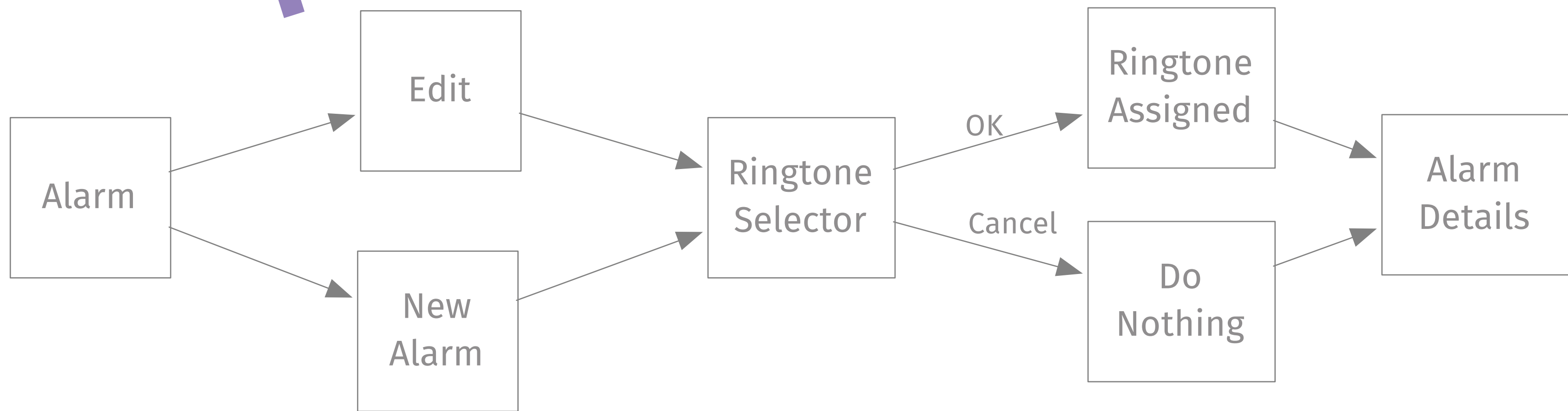


## Add Ringtone to Single Contact



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

## Add Ringtone to an Alarm

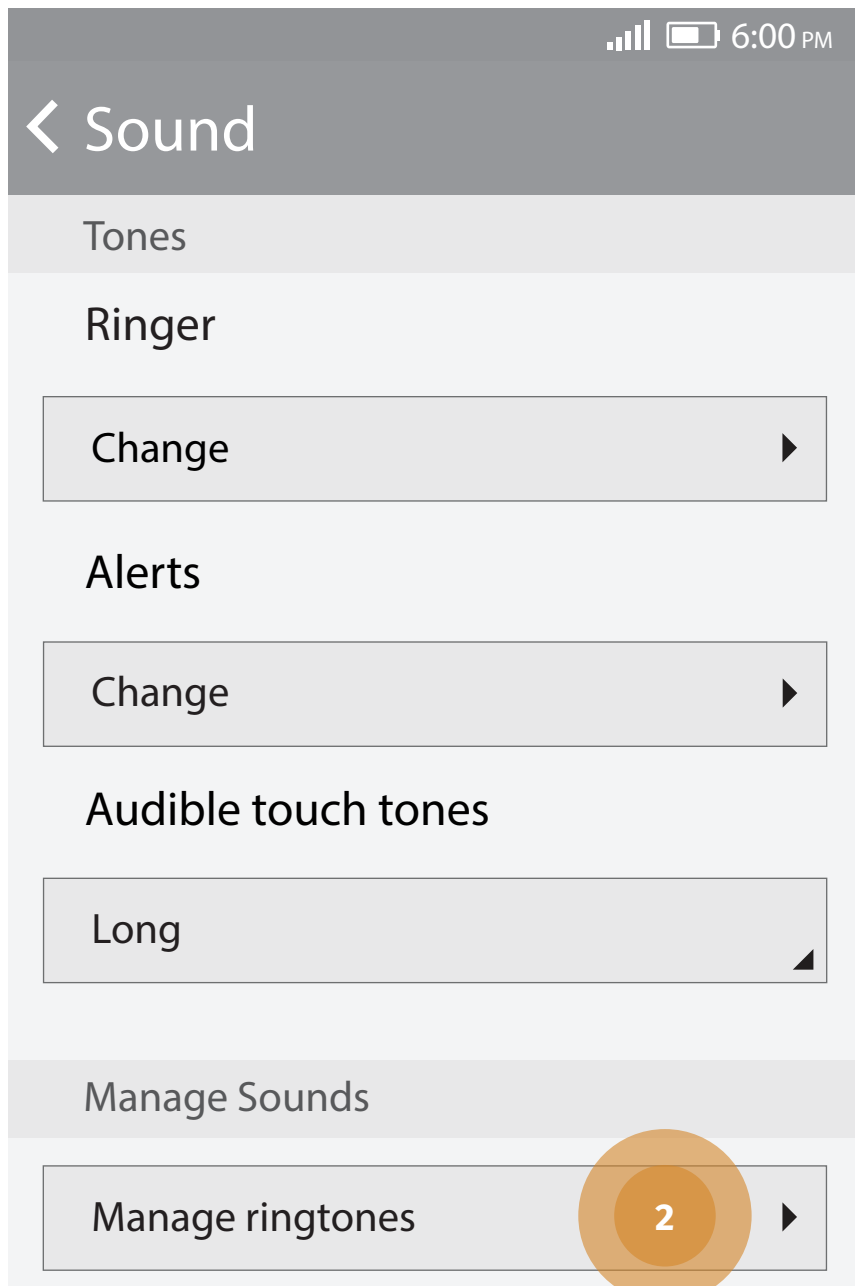




# Manage Ringtones

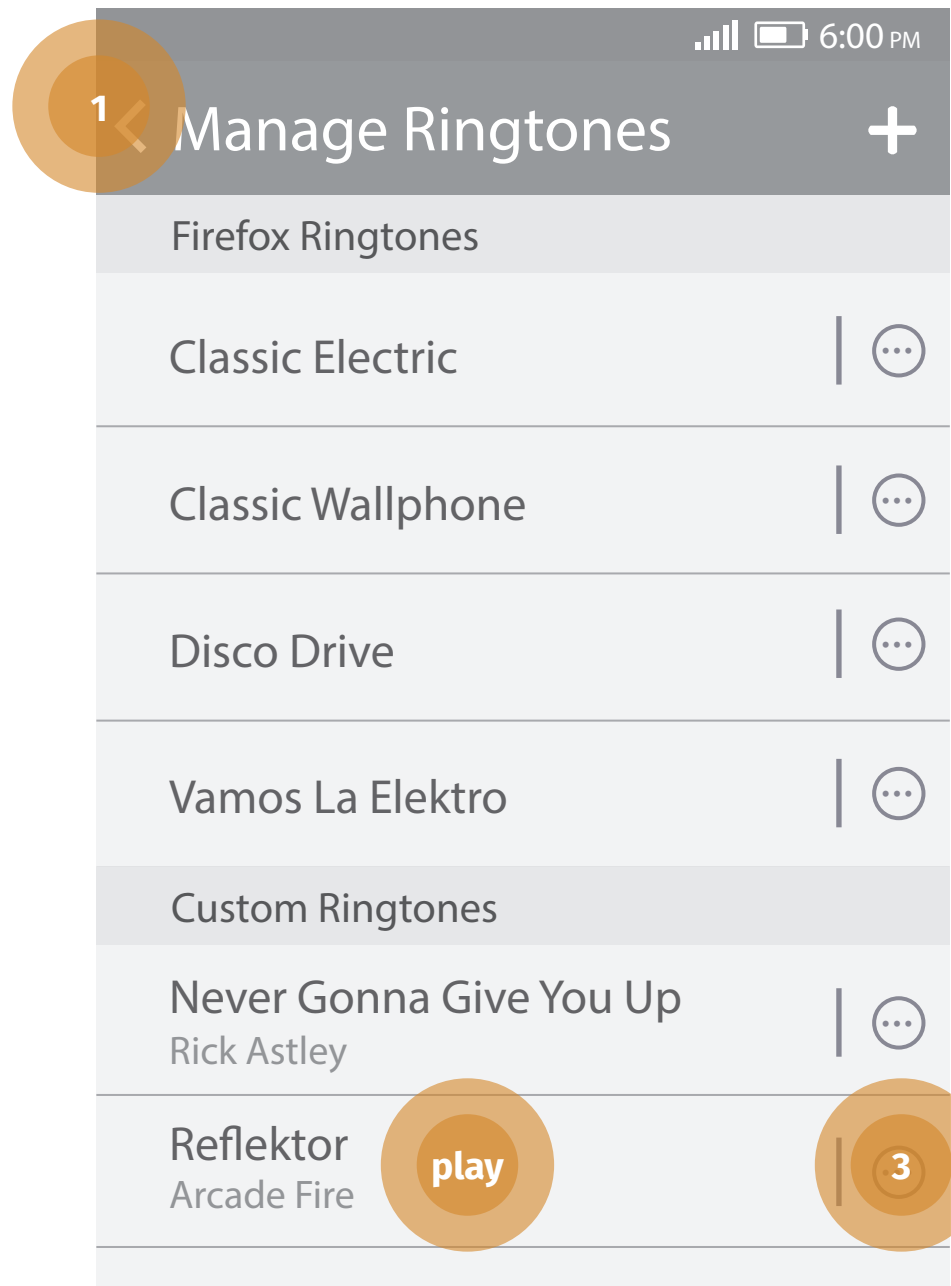
UPDATED V1.5/1.6/1.7/1.8

1. Settings -> Sounds



A new section is shown in Settings-> Sound where the management of ringtones can be performed.

2. Ringtone List



Tapping shows a complete list of ringtones divided into alphabetical sections; those created by the user and pre-installed system ringtones. Only populated sections should appear.

For those created by the user, a 2nd line is shown with additional info.

Here the user can either tap on a ringtone to play or tap on the “more” icon to reveal an action sheet.

When a ringtone is playing, tapping again will stop the playback.

Tapping back returns to the Sound Setting page.

3. Additional Options Action Menu



Tapping the “more” icon shows an action menu with additional actions.

The user can either select an action or cancel to return to the list.

Only available actions are shown, if there are no actions for a ringtone, the “more” icon should not be shown for that ringtone.

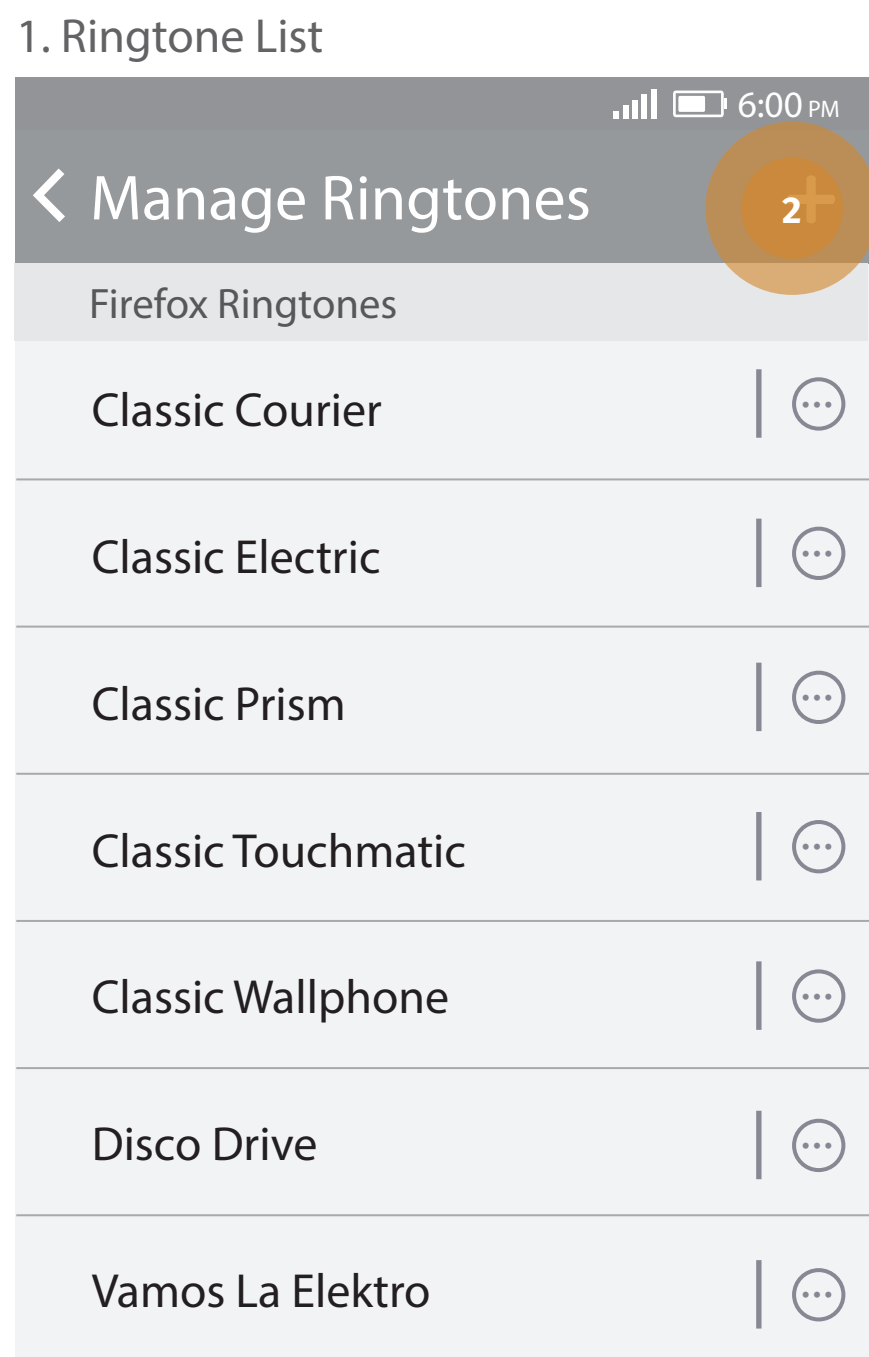
## ACTION FLOWS



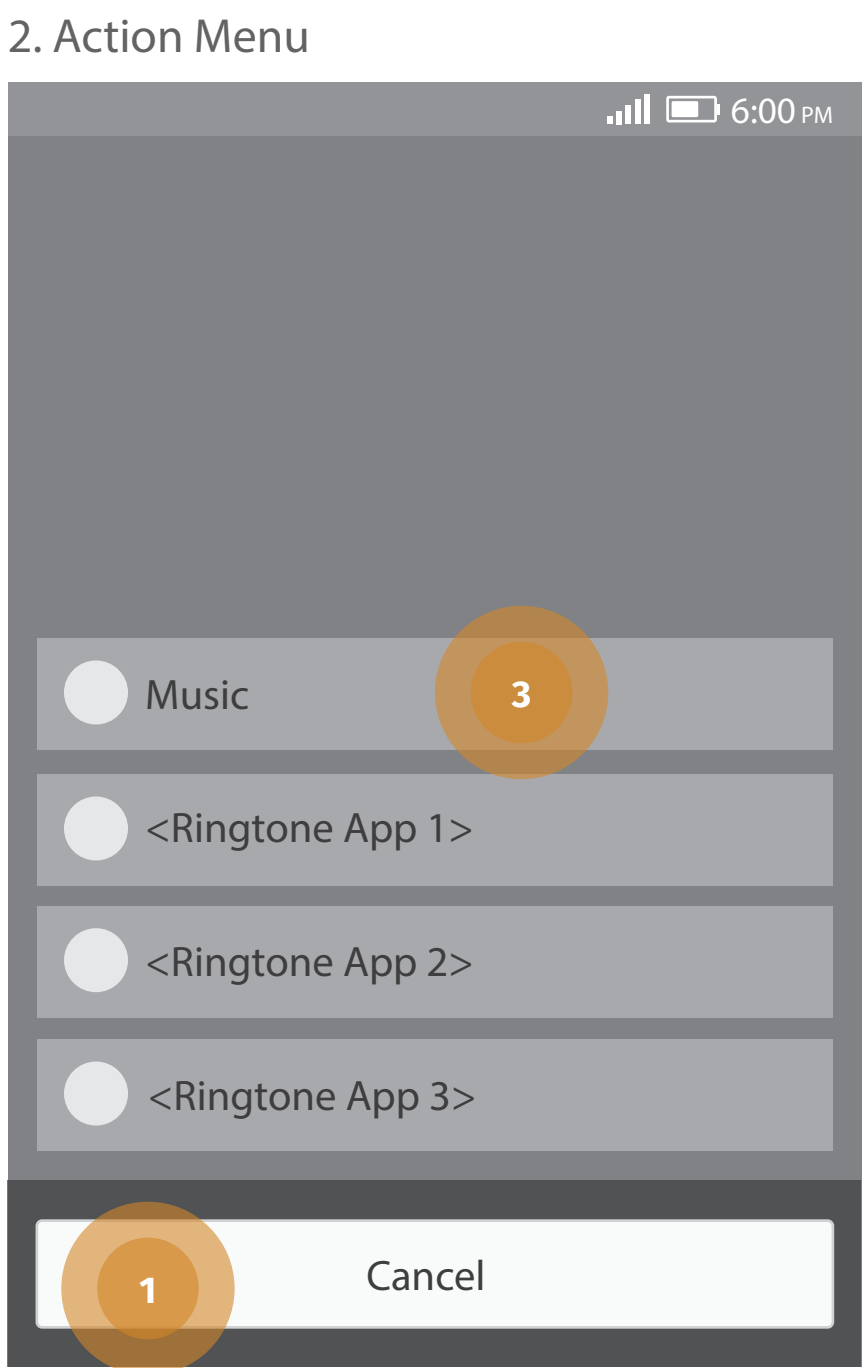
See following pages for flows regarding these actions.

# New Ringtone - No Editing/Cropping

UPDATED V1.5/1.6/1.7



Ringtone list.



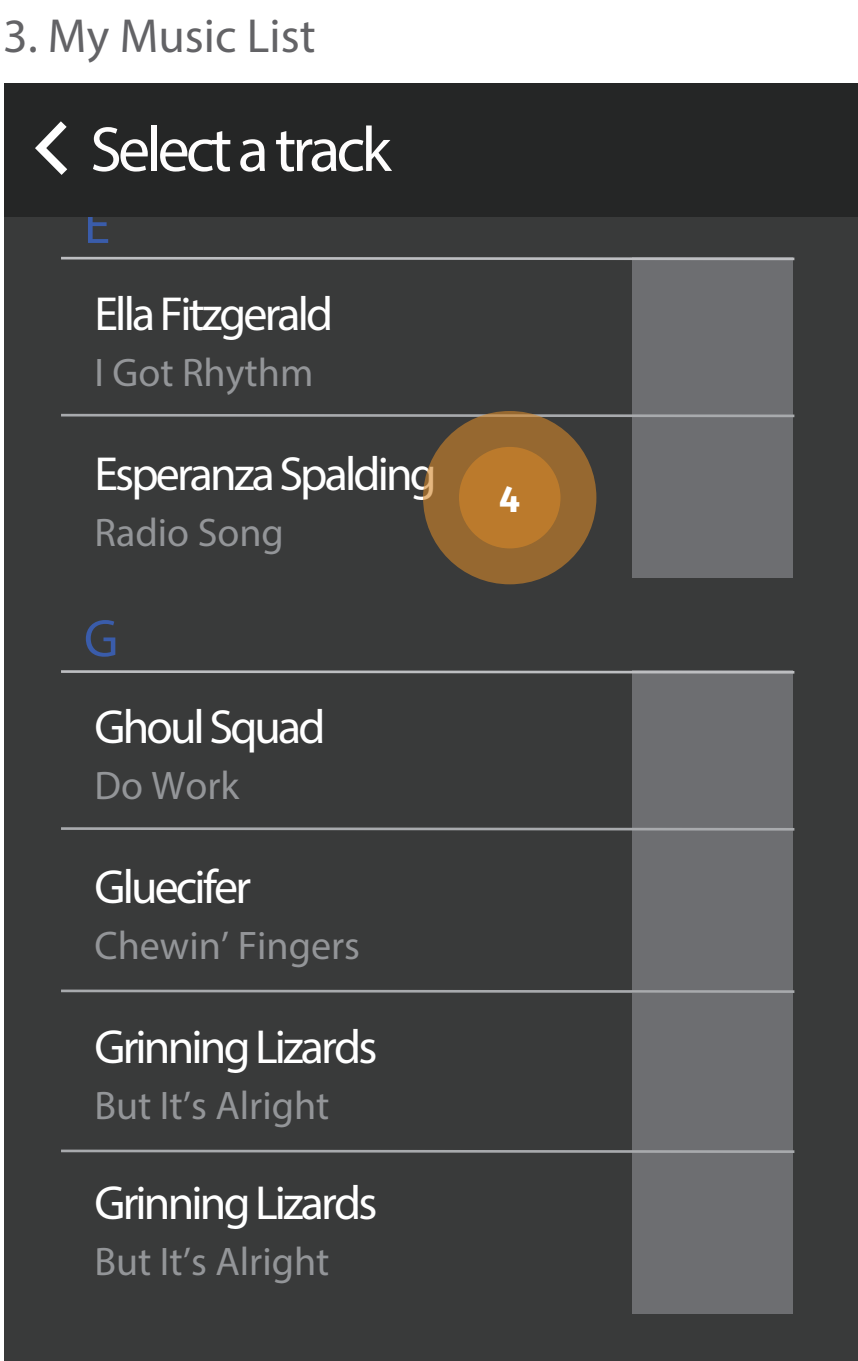
Tapping on the new icon will first show an action menu. This action sheet lists available sources of music/audio files the user can choose to create a ringtone from.

Tapping cancel returns to the list with no other action taken.

If My Music is the only source, this step should be skipped.

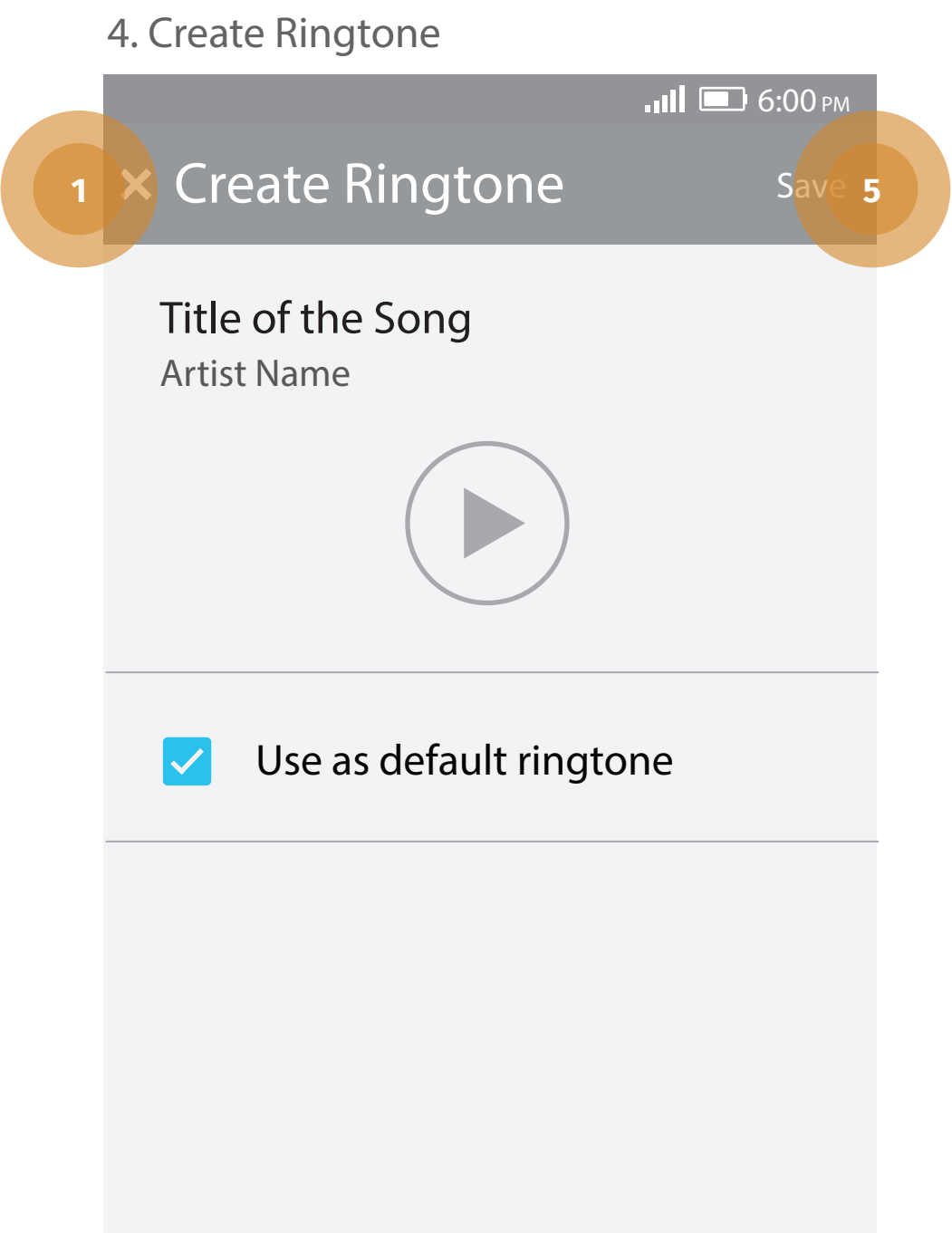
My Music should be listed first followed by the other sources in alphabetical order.\*

\* Note: We may not be able to control the order of action menus and that is fine.



Selecting the source will then provide the user to select an audio file.

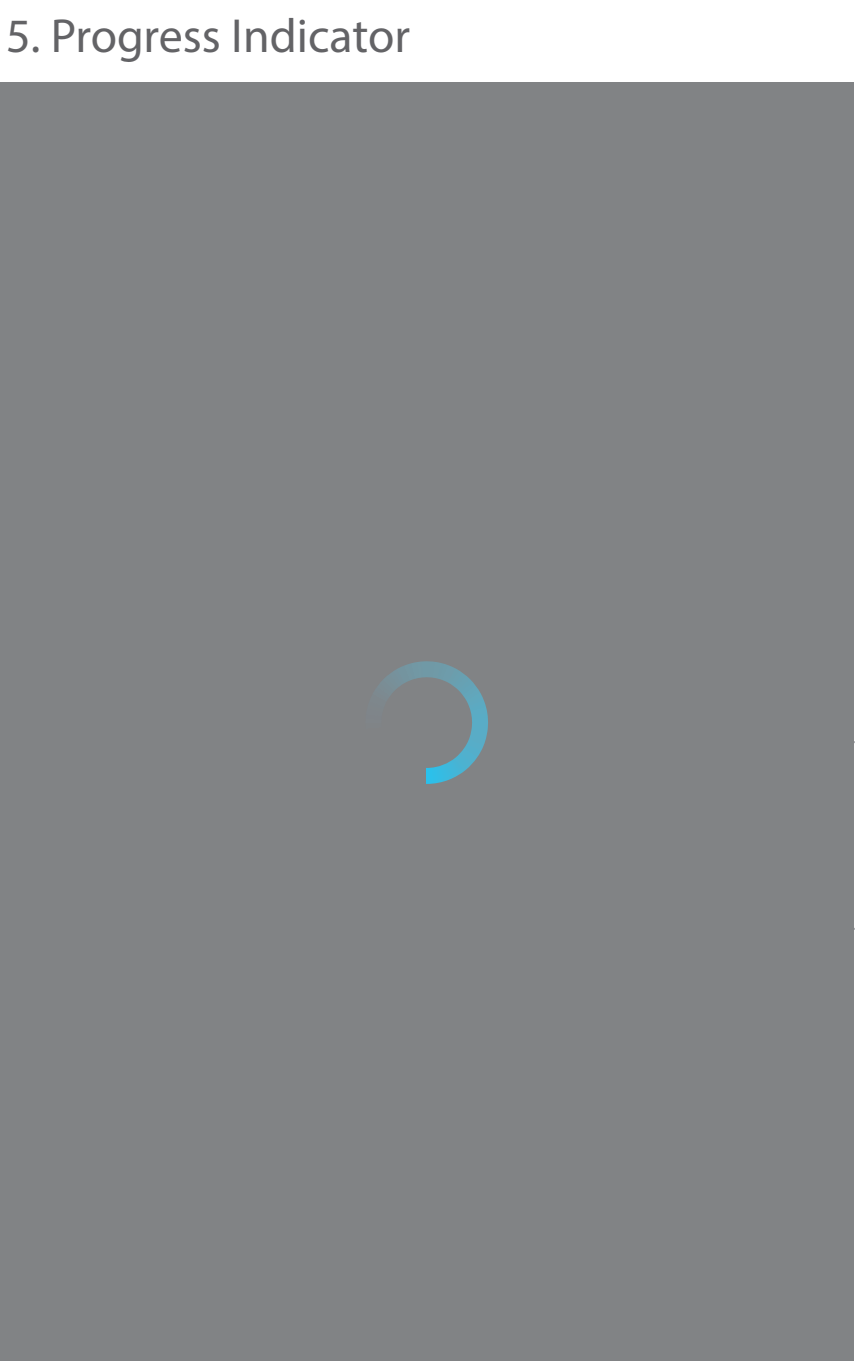
This UI is provided by the app.



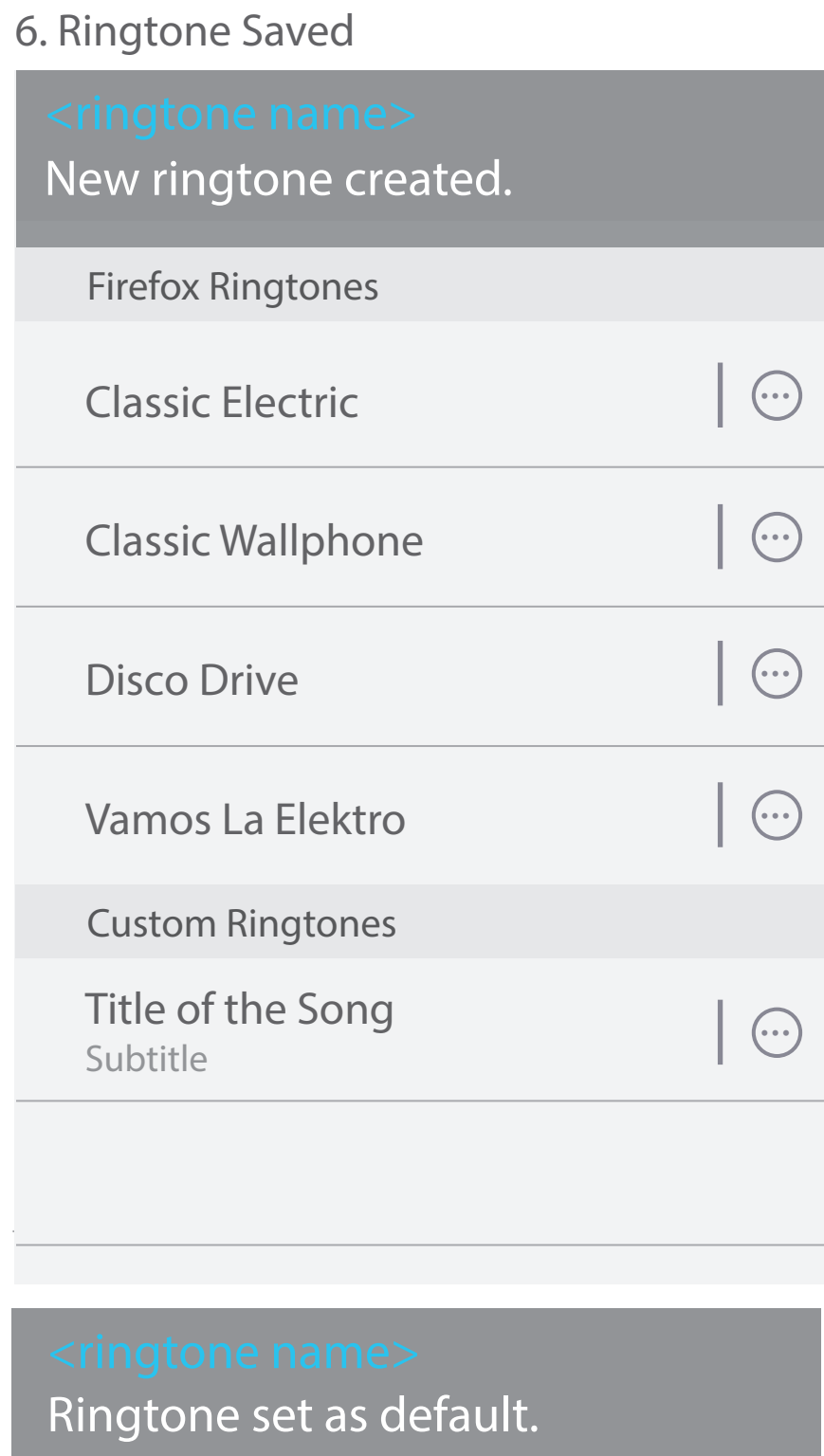
Tapping a song selects the song to create the ringtone.

Cancel should go back to the ringtone manager.\*

\* Note: At this time we are not able to return to the pick activity (#3). Confirmation is not needed until cropping.



Show a spinner to indicate the saving activity.



Tapping save creates and saves the ringtone. The user is returned to the ringtone list, which is updated with the new ringtone.

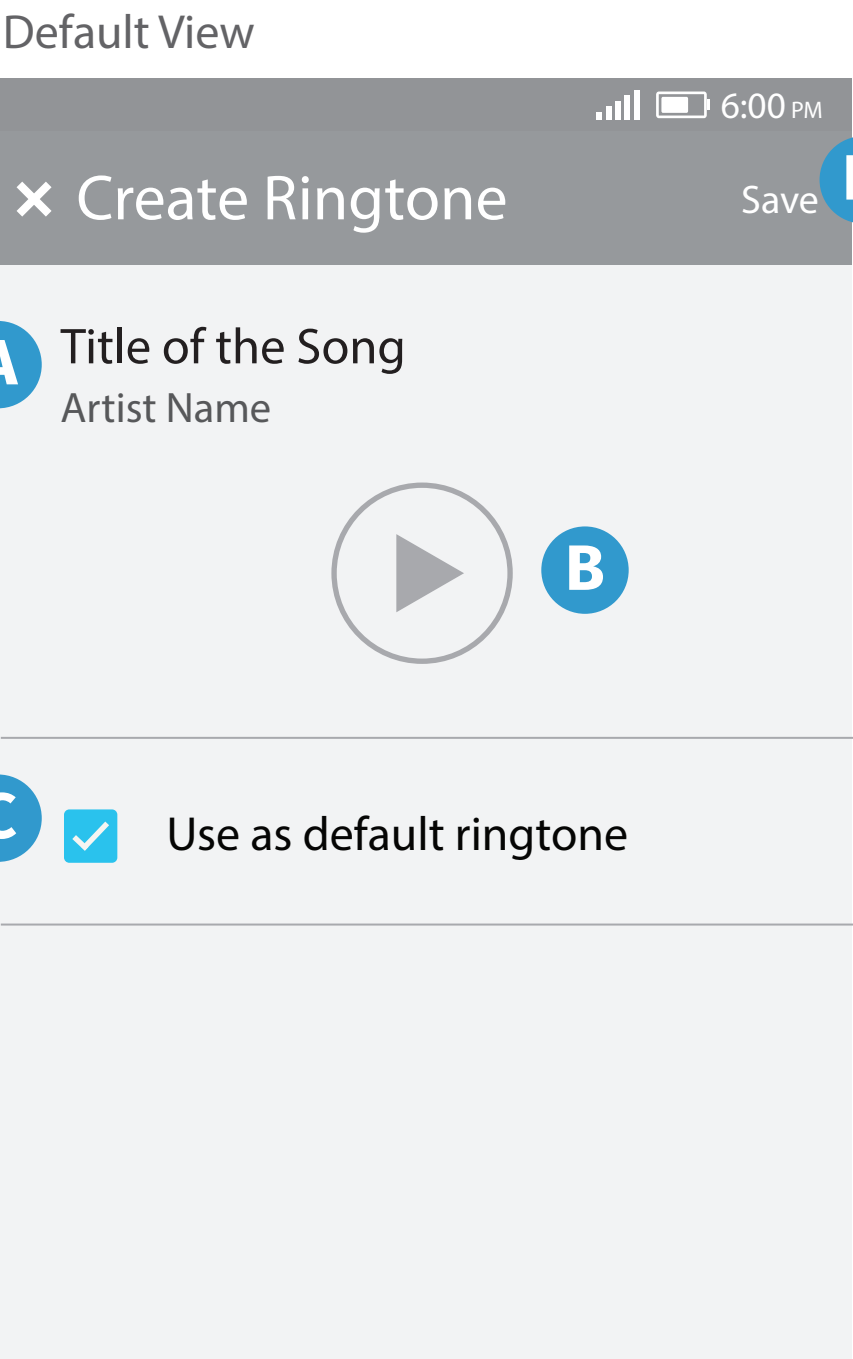
If the user created section didn't appear previously, it should now appear.

A banner is also shown to confirm the save. Text depends on if it is to be set as the default ringtone (setting in previous screen).

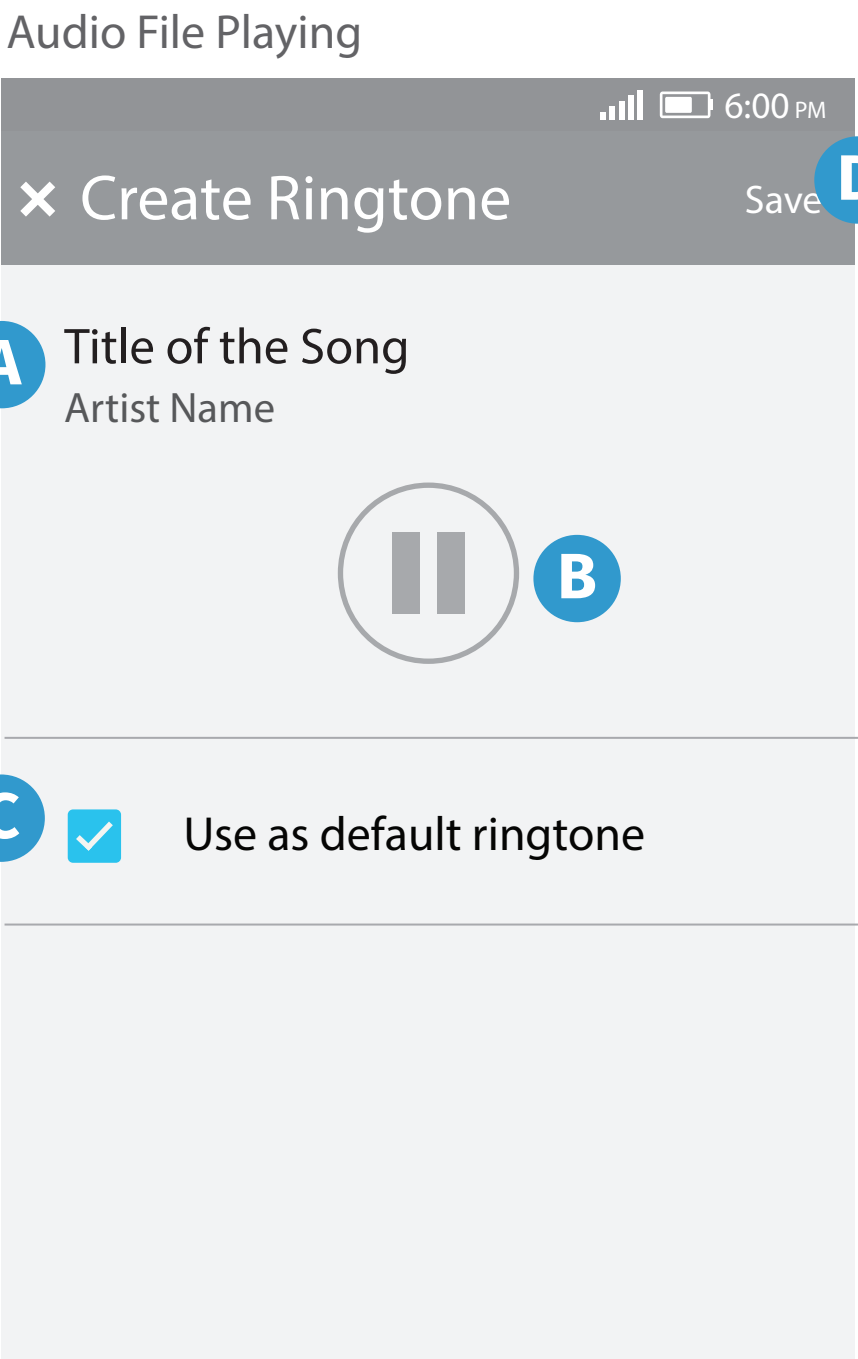
We are limited to using a system notification which appears across the top and includes a sound.

# New Ringtone - Details

UPDATED V1.4/1.5/1.6/1.7



After making a selection, either a music file or from another application, the user is shown this screen.



While the file is playing, the play button updates to a pause button.

## 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 neither of those are possible, “Untitled” should be used.

If the name already exists, the name 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.

Custom ringtones titles are not translated, including Untitled.

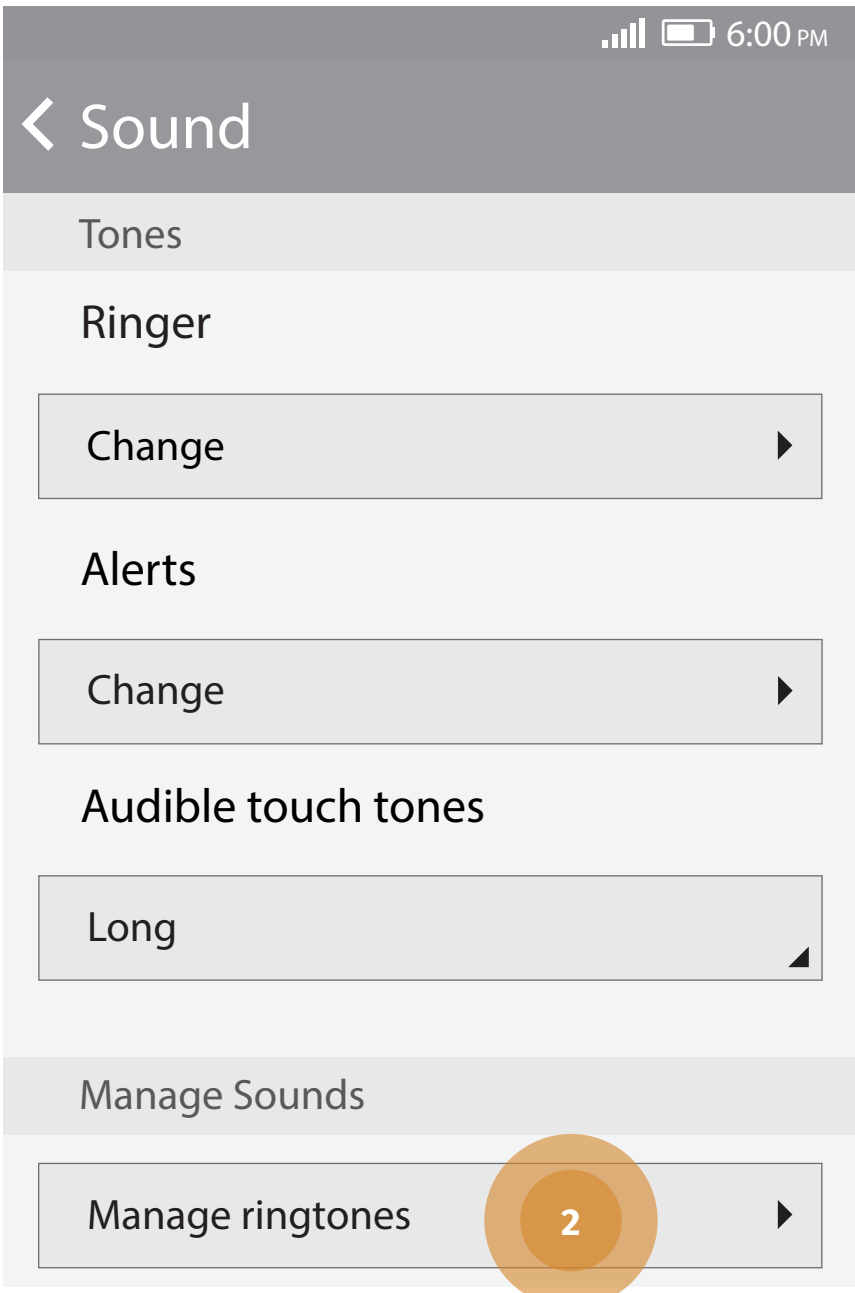
**Other Behaviours**  
All other behaviours remain the same.

**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.

# Delete Ringtone

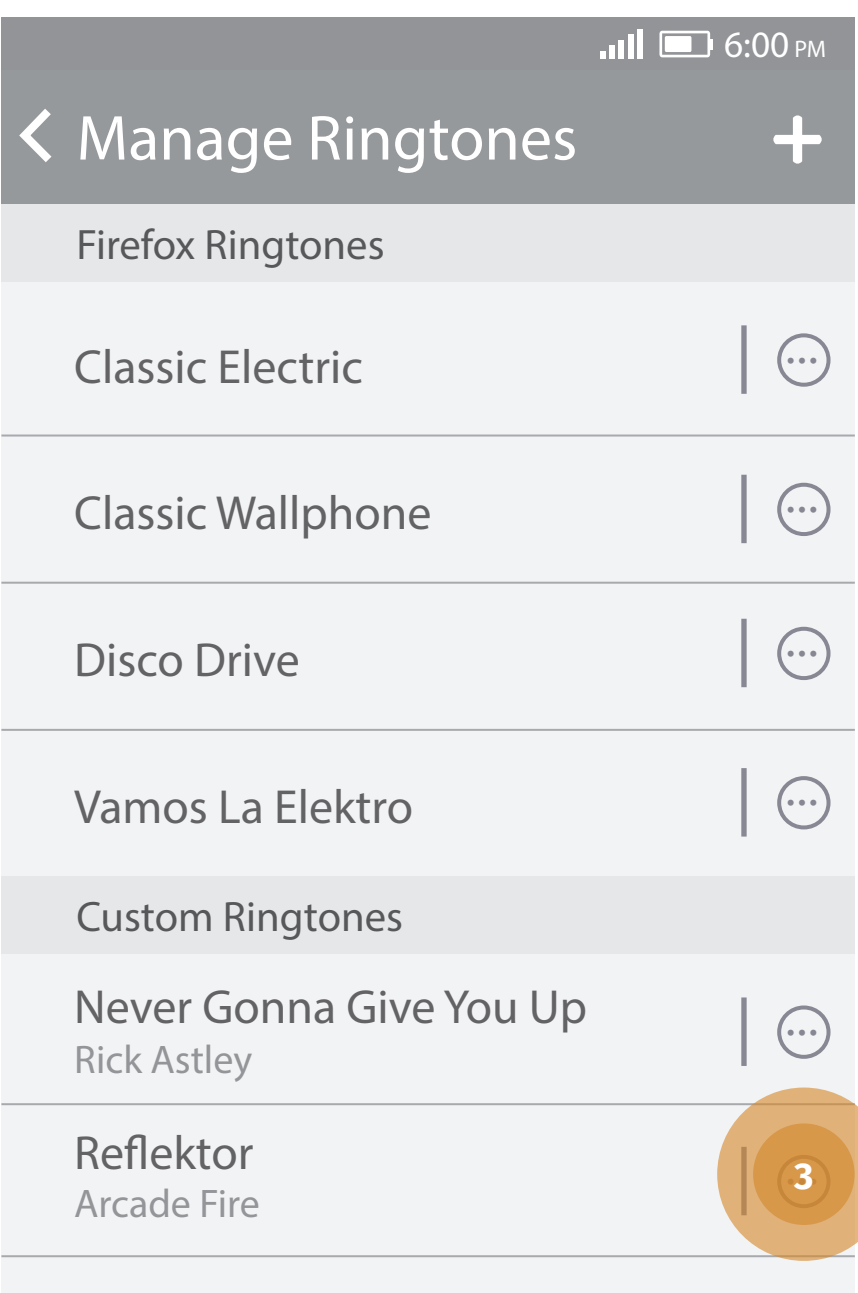
UPDATED V1.5/1.6/1.7/1.8

1. Settings->Sounds



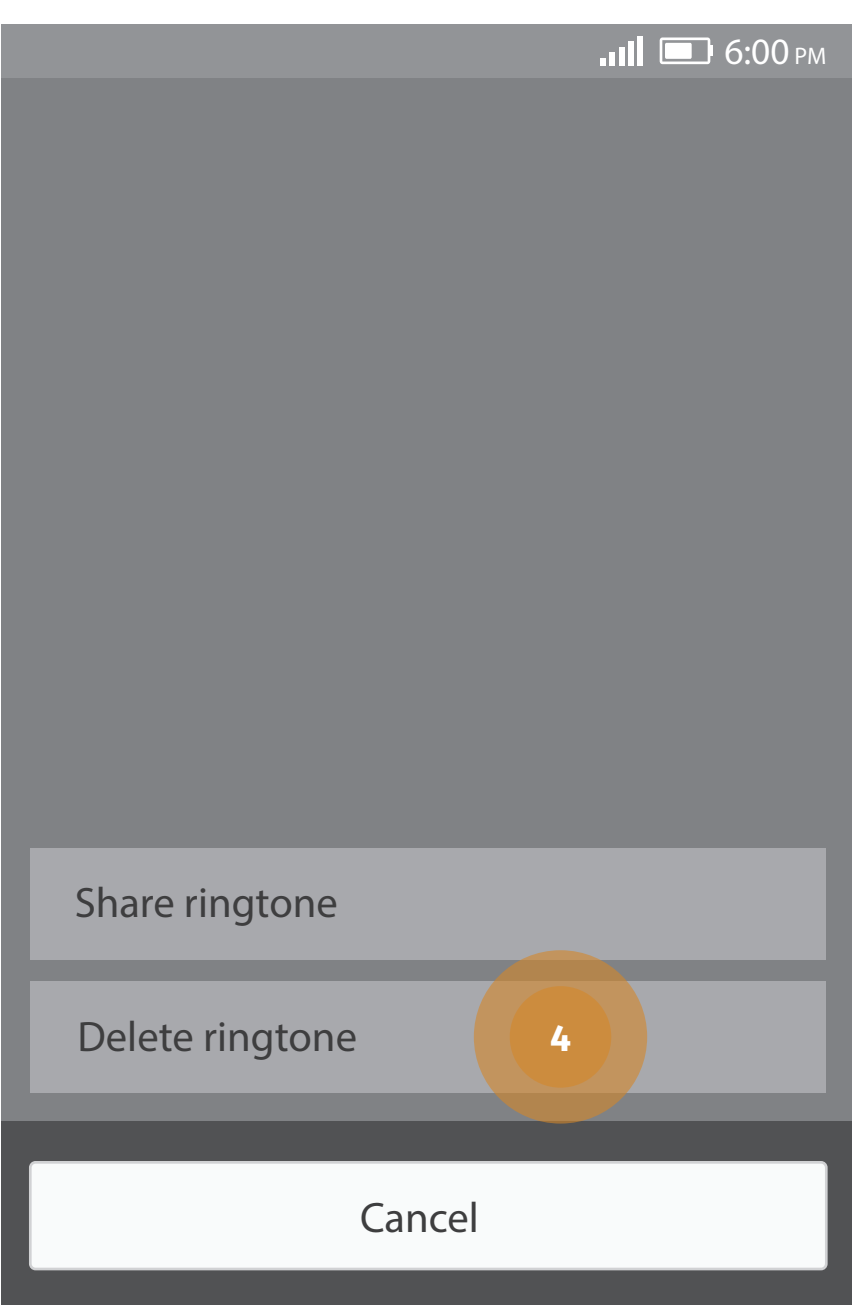
Sound settings.

2. Ringtone List



Ringtone list.

3. Action Menu



Additional actions the user can take on the ringtone.

4. Delete Ringtone



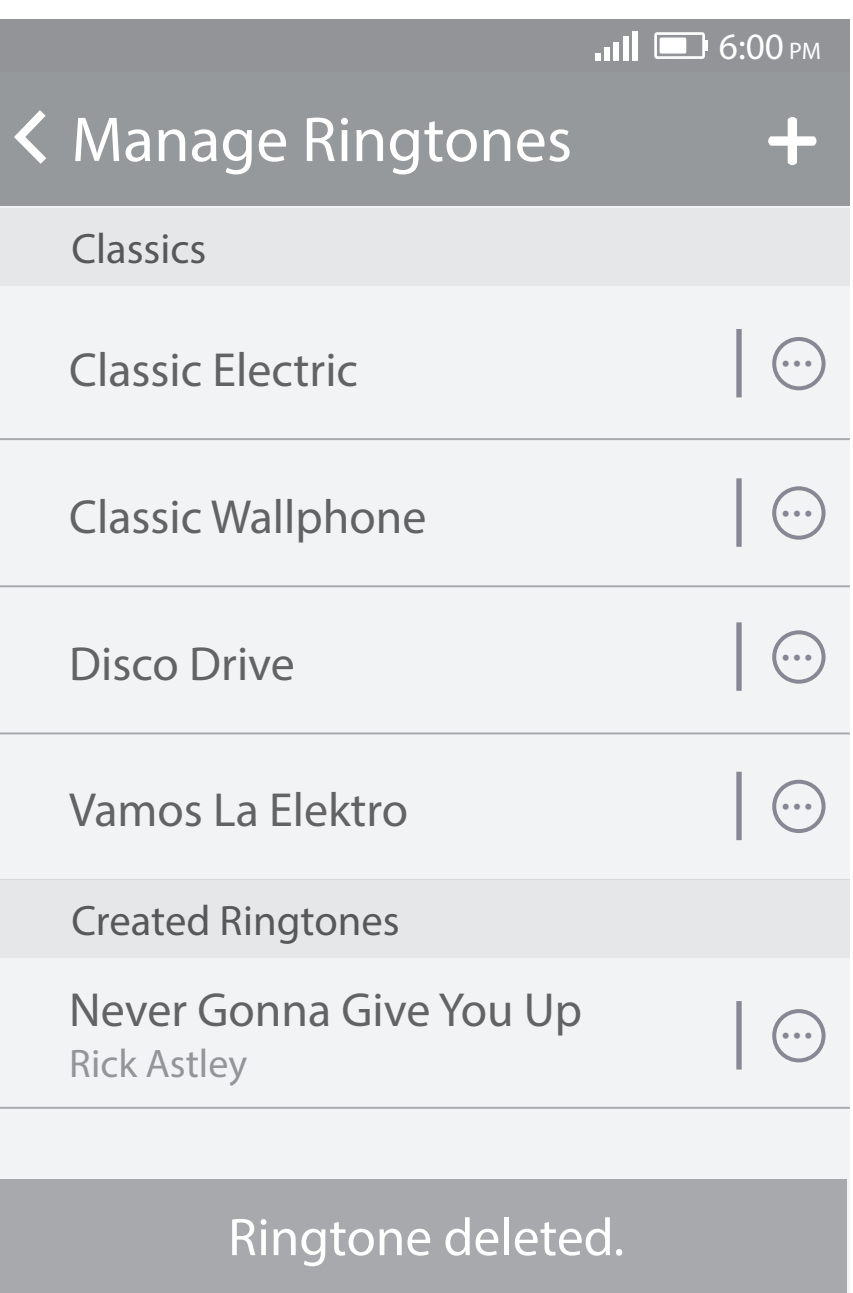
Tapping first presents the user with a confirmation before deleting the ringtone.

Delete continues with the action.

Cancel returns to the ringtone list with no further action taken.

Messaging can vary - see details page for more info.

5. Ringtone Deleted



The ringtone is deleted and the list is updated to remove the ringtone.

A banner is also shown to confirm the save.

If the ringer setting is set to a ringtone that is deleted, the ringer should revert to the default for FTU.

**Major Issue for Contacts/Alarms:**  
Currently a copy of the ringtone is created and used within the app. If the ringtone is deleted, the copy will remain. Thus if set for 10 contacts, the user will still hear the ringtone despite deleting it. To resolve, the user would have to go into each contact and change the ringtone to something else before the copy can be deleted.

**If Contacts/Alarm user stories are implemented, this must be resolved.**



# Delete Ringtone - Confirmation Details

UPDATED V1.5

Basic Confirmation

A

Delete Ringtone

B

Are you sure you want to delete <ringtone name>?

Cancel

Delete

When the ringtone is not in use, present a basic confirmation message before deleting the ringtone.

Ringtone in Use Confirmation

A

Delete Ringtone

B

<ringtone name> is the current default ringtone.

Are you sure you want to delete it?

Cancel

Delete

If the ringtone is in use, alert the user where the ringtone is being used in addition to confirming the delete action.

## Notes

- A

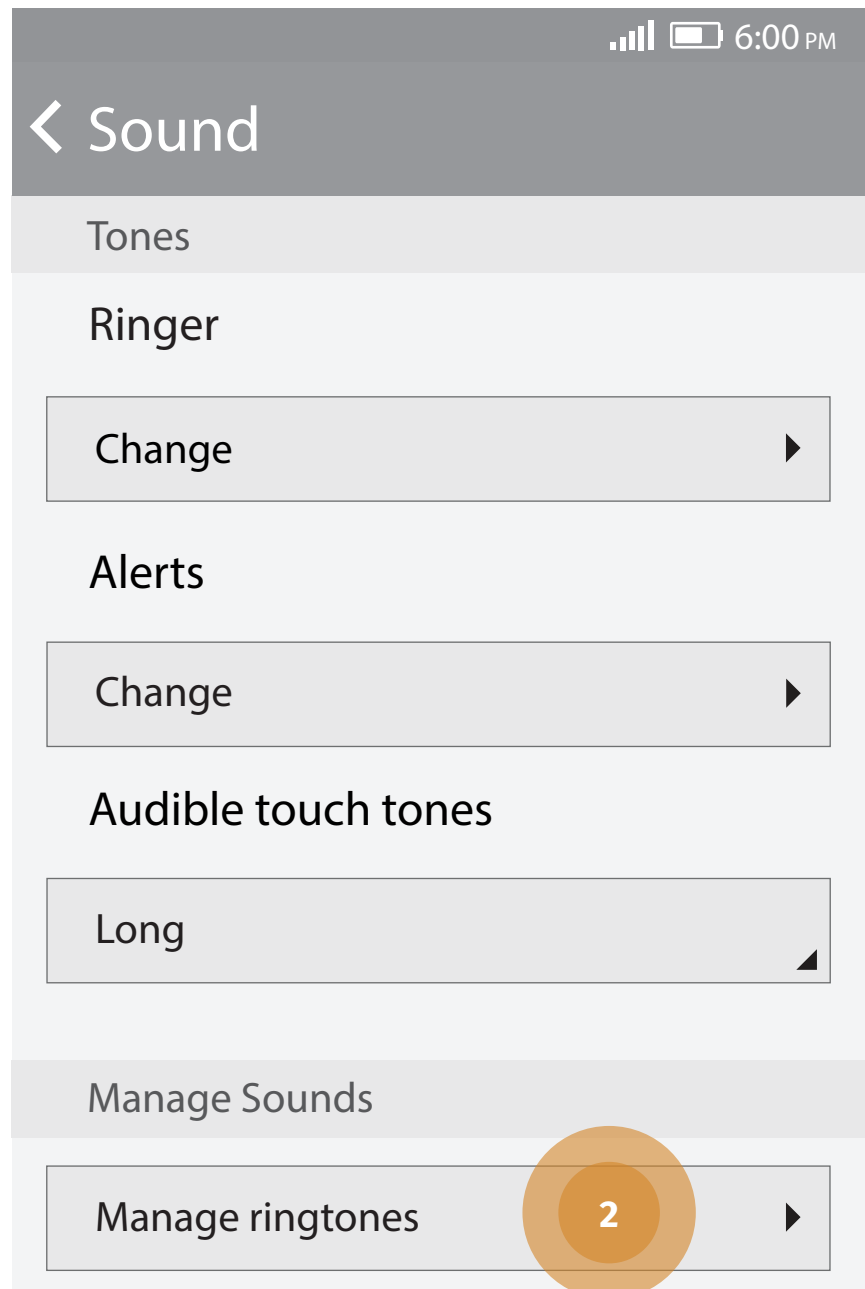
**Title**  
The title for the dialogues should be the same.
- B

**Body**  
The messaging can vary depending if the ringtone is currently in use or not.
- Other Behaviours**  
All other behaviours remain the same.

# Share Ringtone

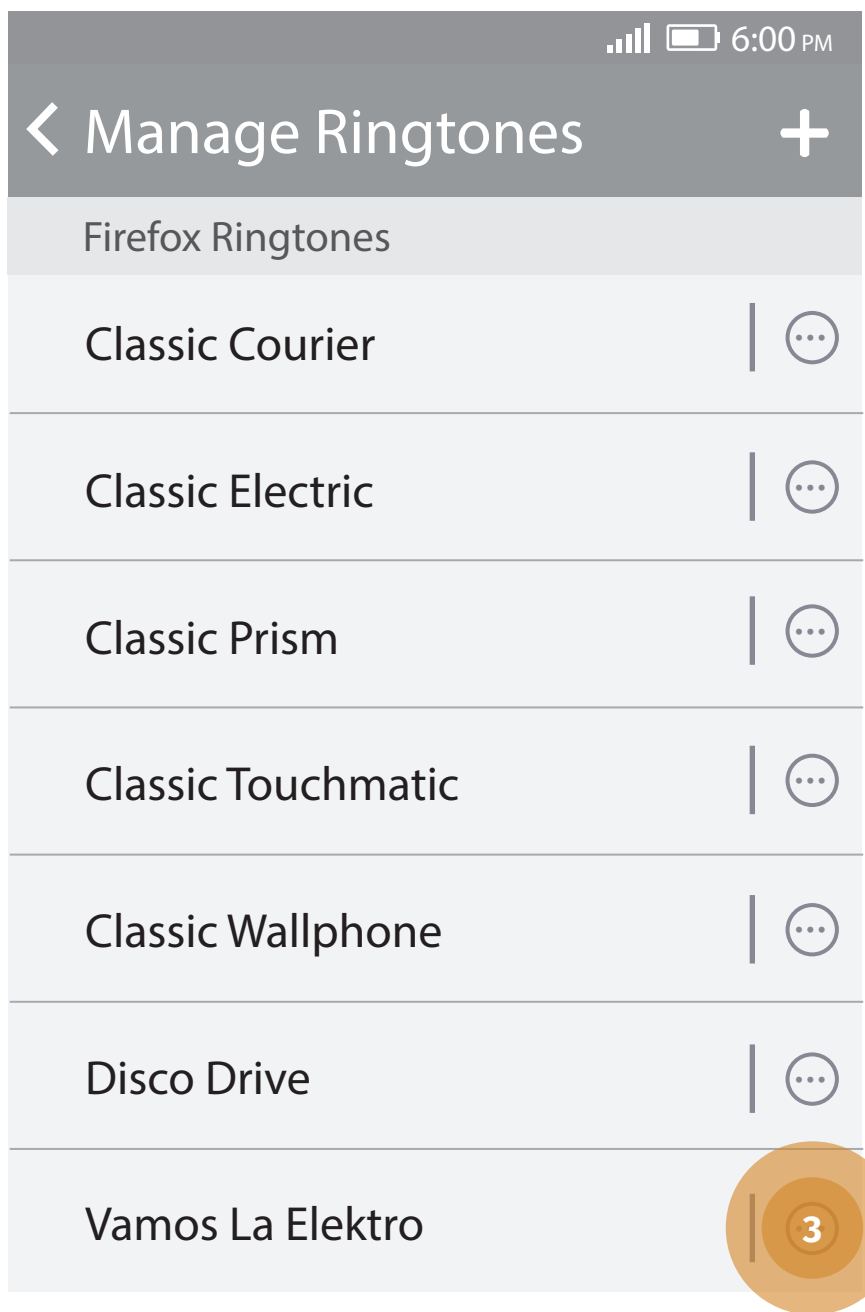
UPDATED V1.5/1.6/1.7/1.8

1. Settings->Sounds



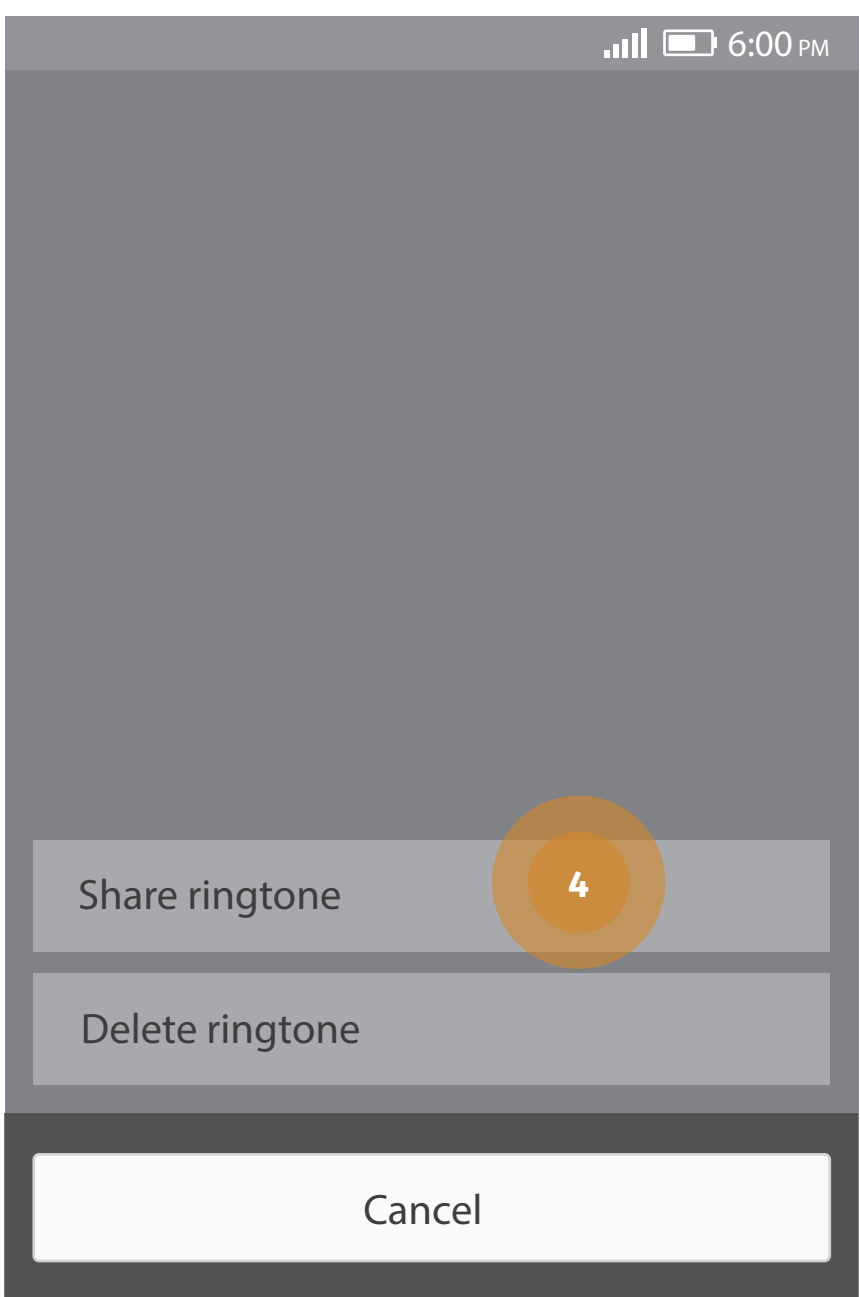
Sound settings.

2. Ringtone List



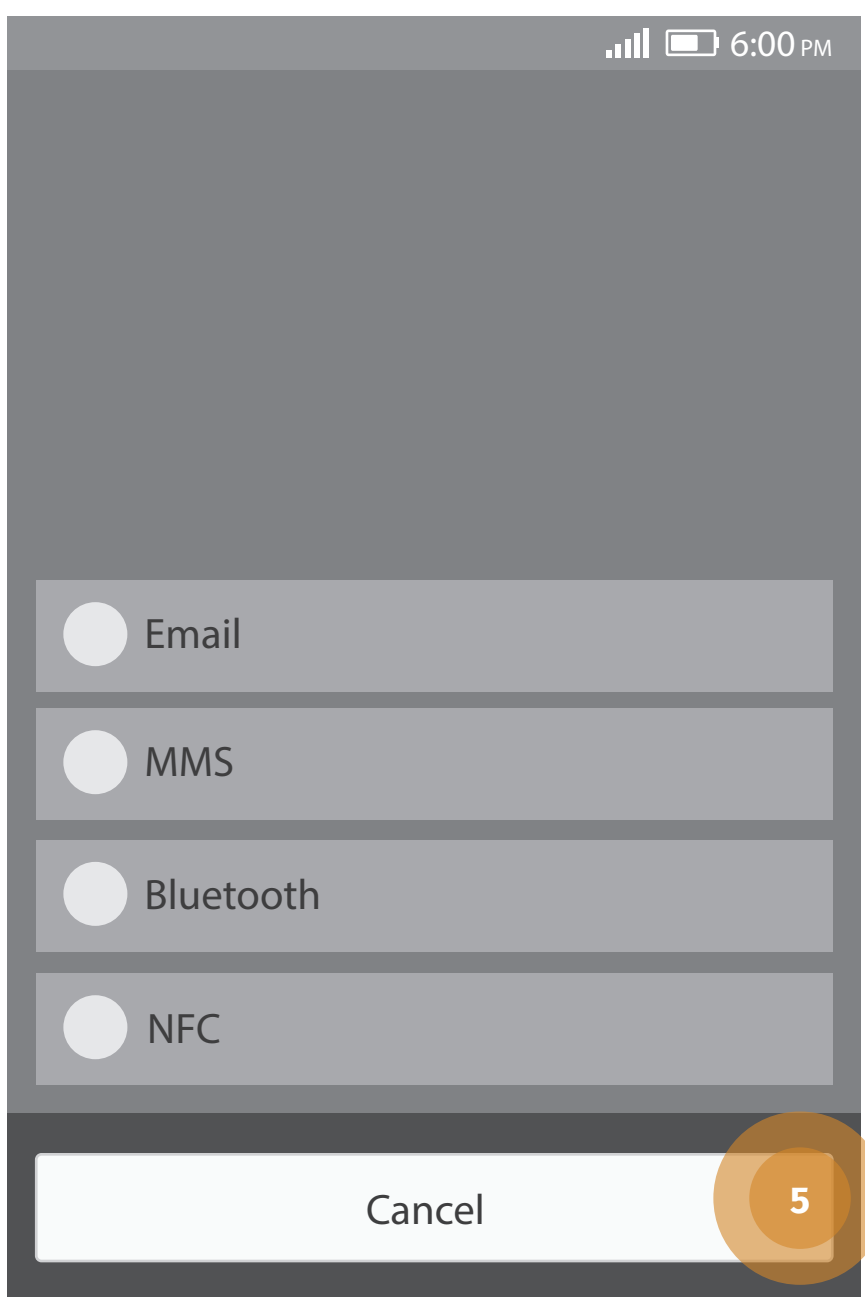
Ringtone list.

3. Action Menu



Additional actions the user can take on the ringtone.

4. Share Action Menu



Tapping share presents the user with a list of available methods to share the ringtone.

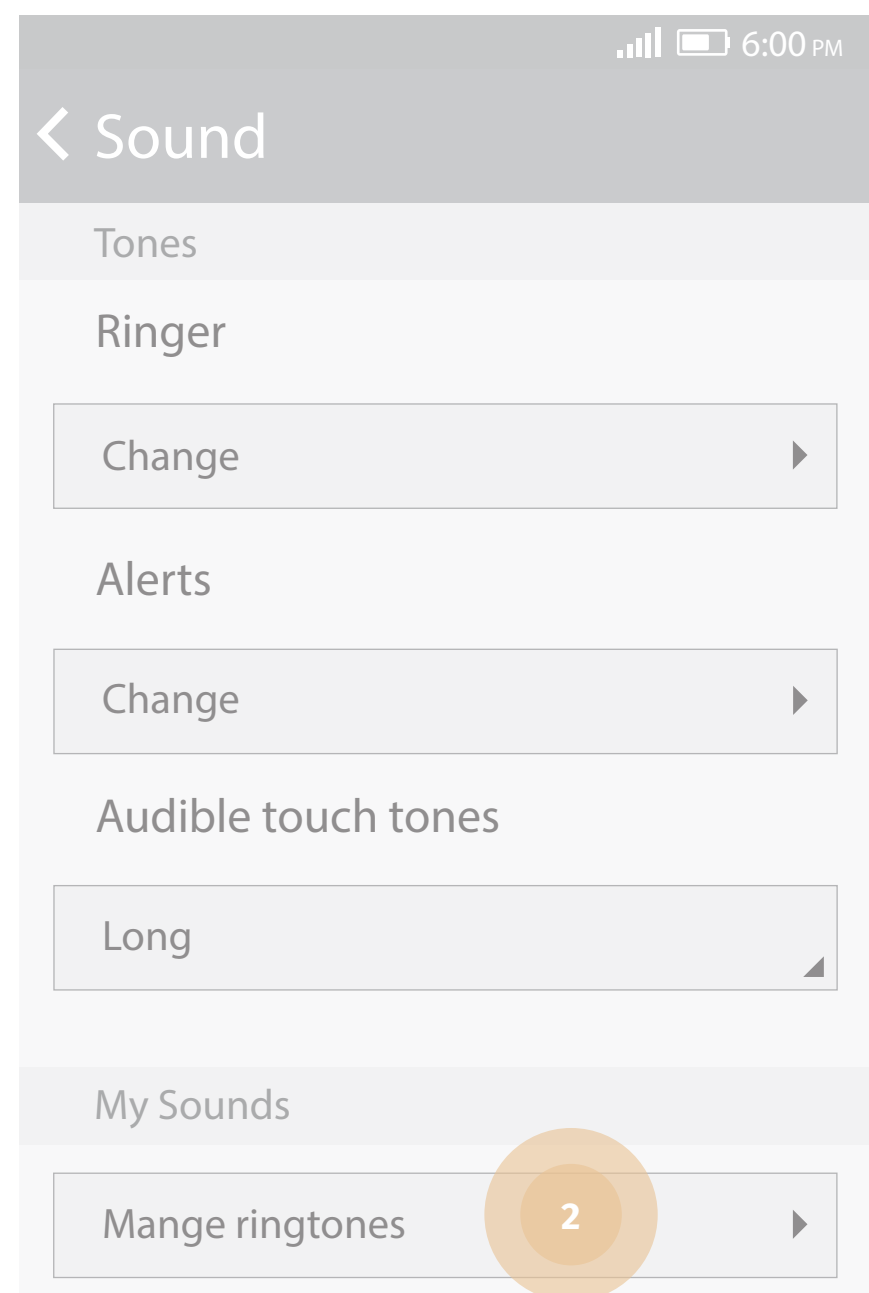
## SHARE FLOW



Use current UI/flows for sharing options.

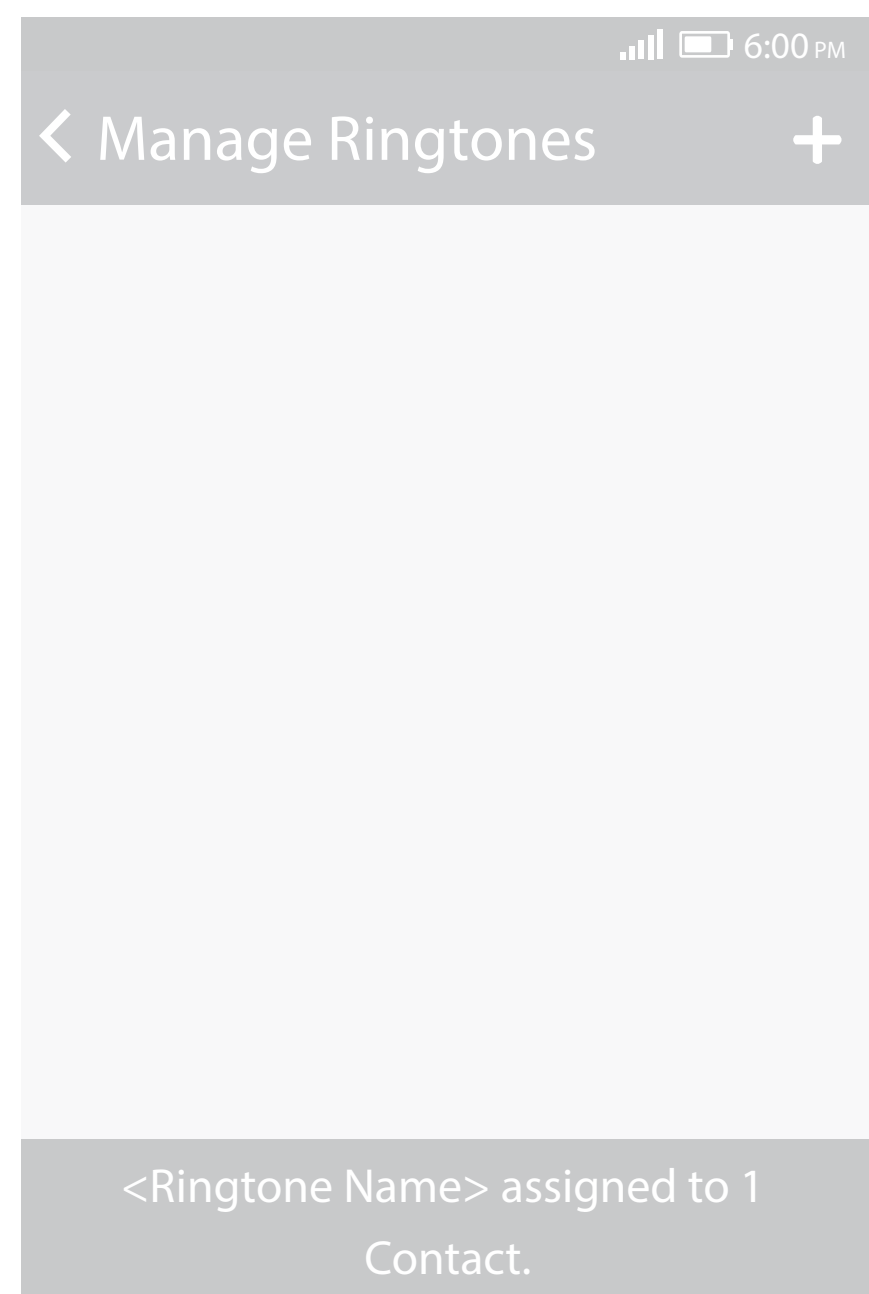
# Assign Ringtone to Multiple Contacts

1. Settings->Sounds



Sound settings.

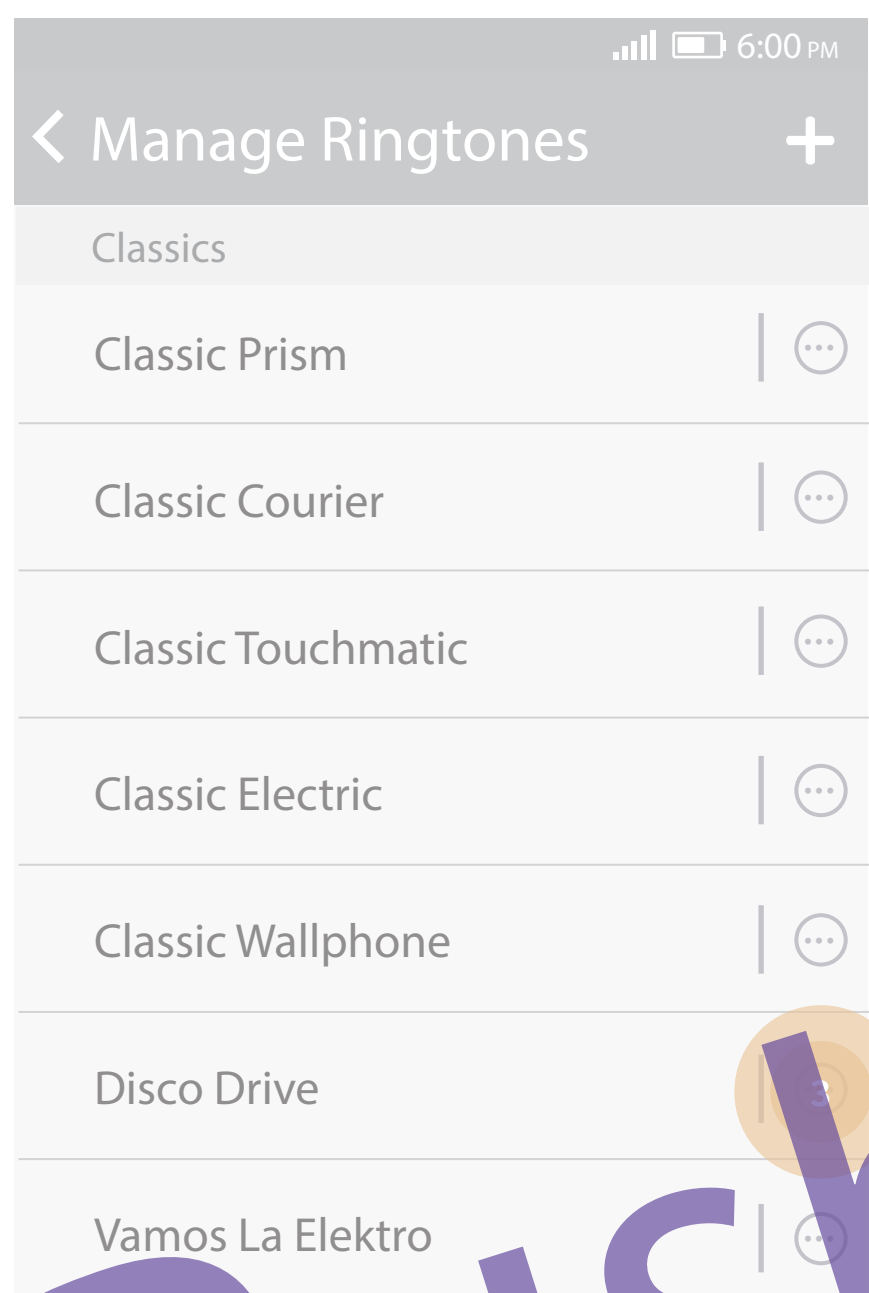
6. Ringtones Set



Tapping save, changes the ringer setting for the selected contacts.

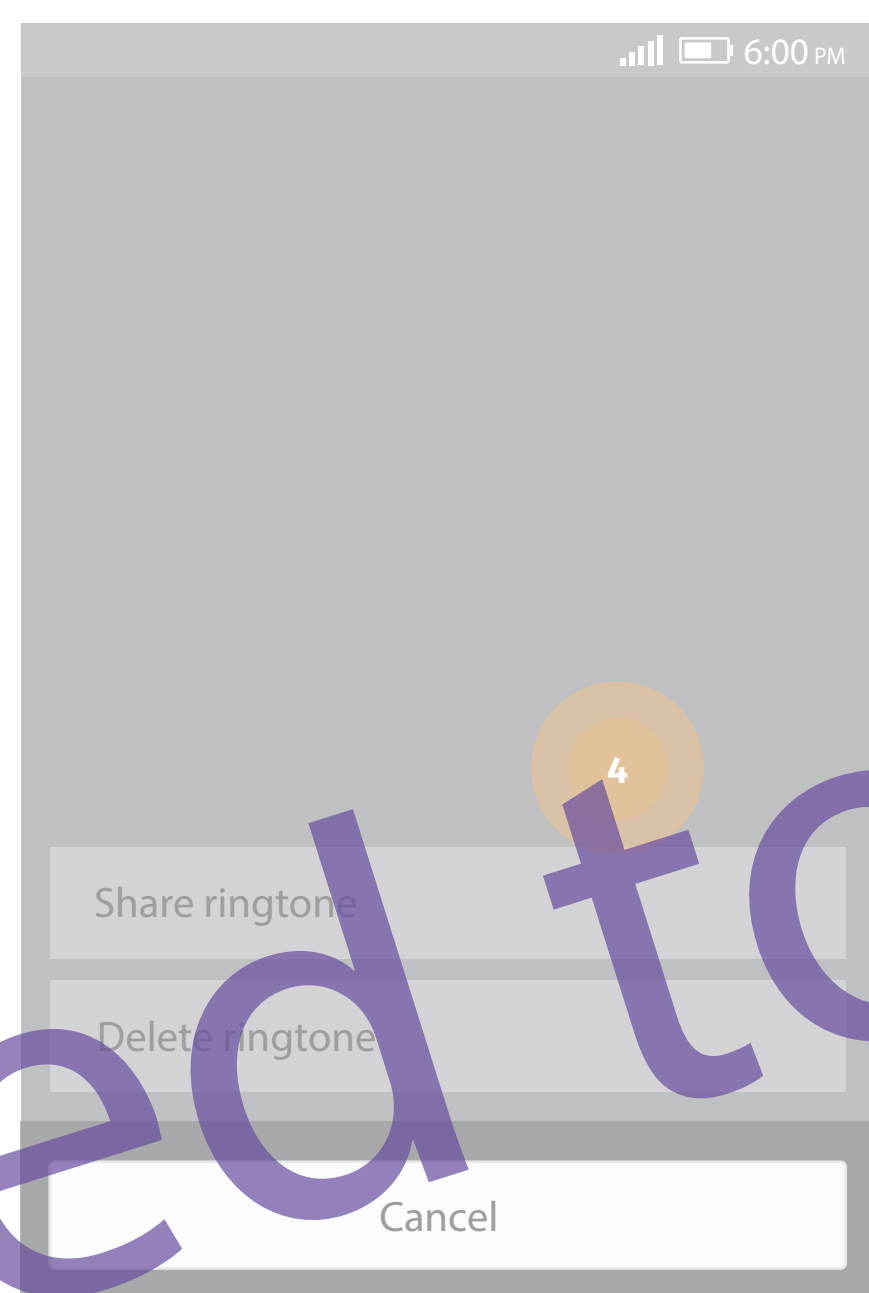
The user is returned to the ringtone list and a confirmation banner is shown.

2. Ringtone List



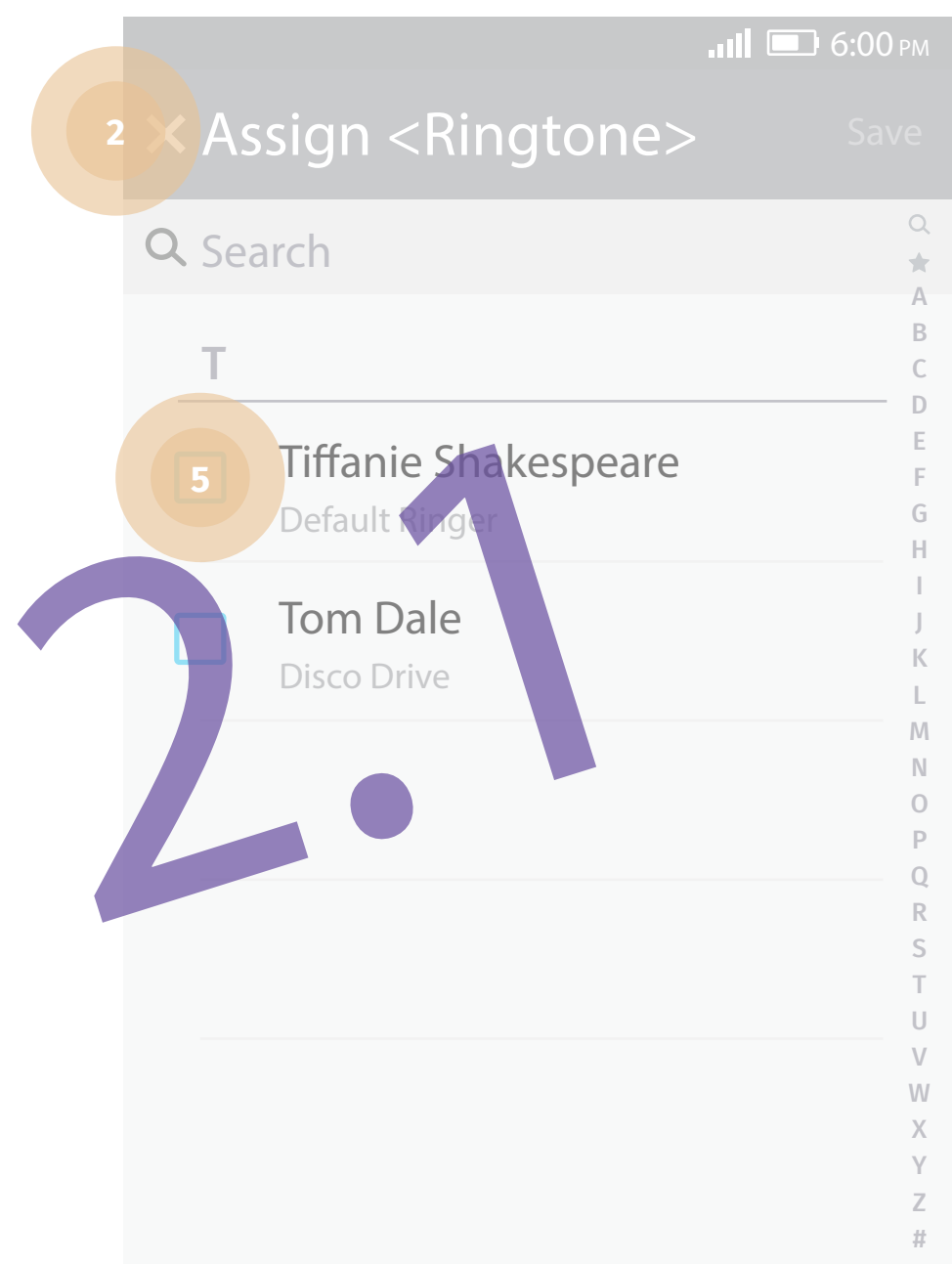
Ringtone list.

3. Action Menu



Additional actions the user can take on the ringtone.

4. Assign to Multiple Contacts



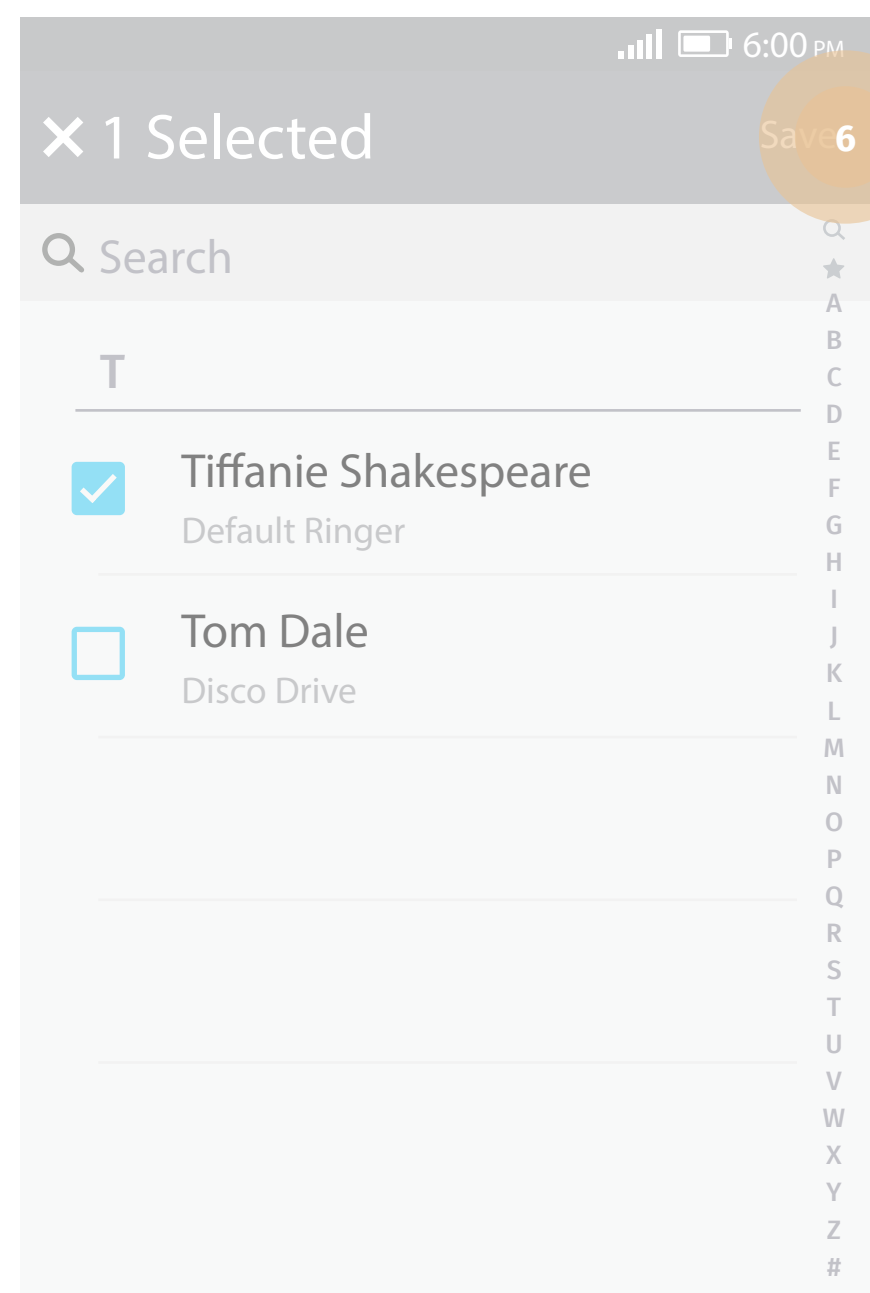
Tapping shows a picker where the user can choose many people to assign the ringtone. Search and quick jump should be available to help the user quickly find people.

A second line is displayed showing the current ringtone set for the user.

Save is disabled until at least one person is selected.

Tapping cancel returns to the list with no further action taken.

5. Contact Selected

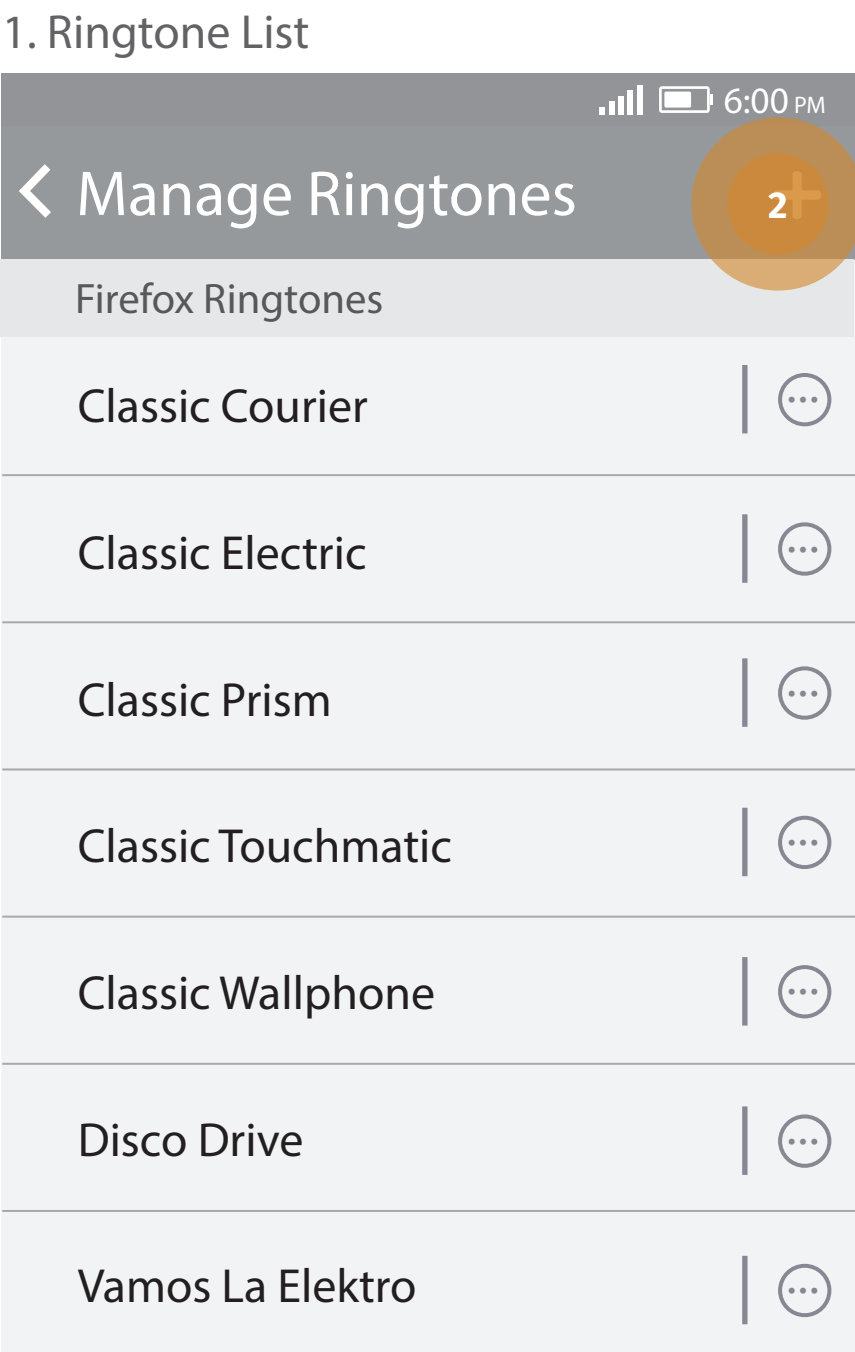


Header text updates when one person is selected - the number reflects the number of contacts selected.

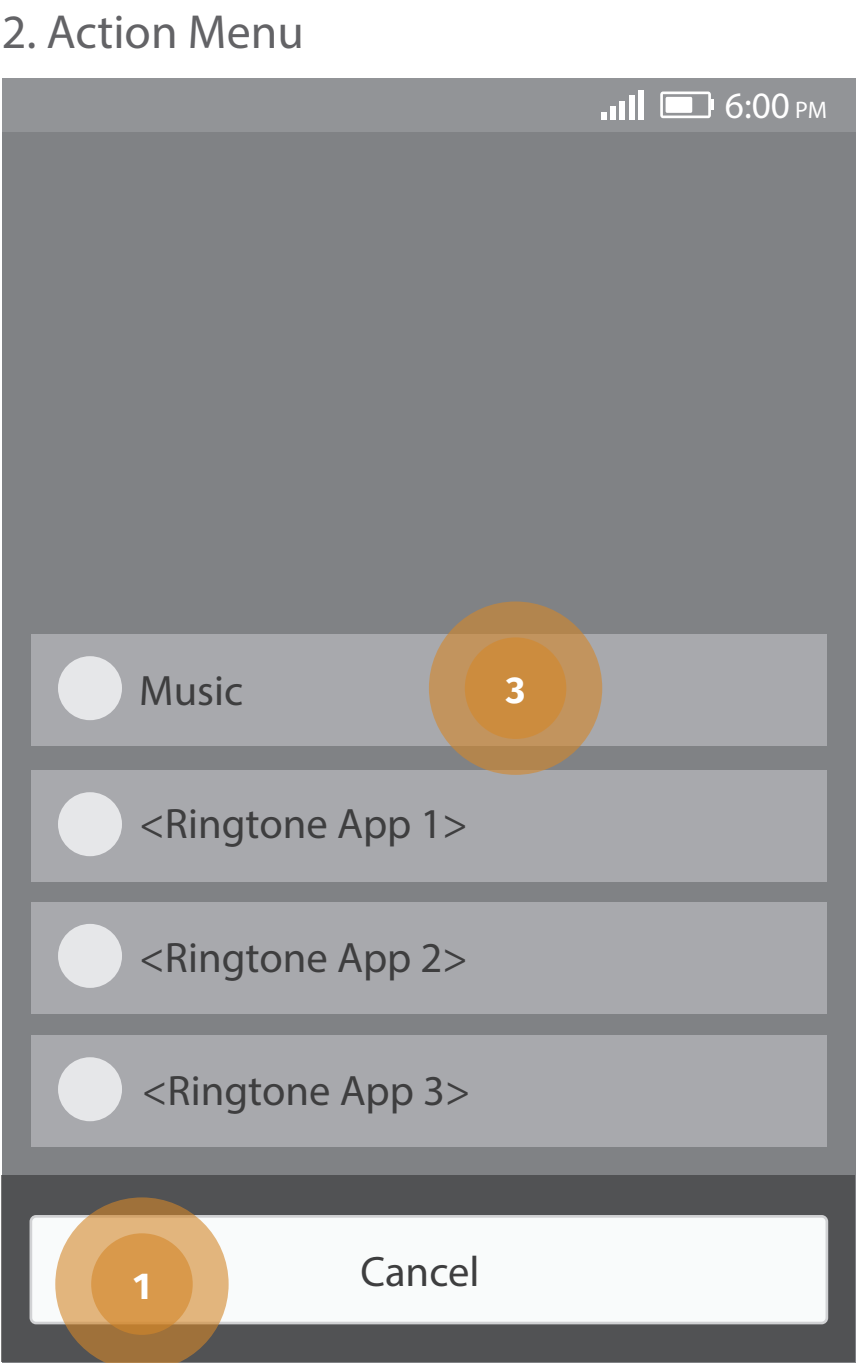


# Corrupted File When Creating Ringtone

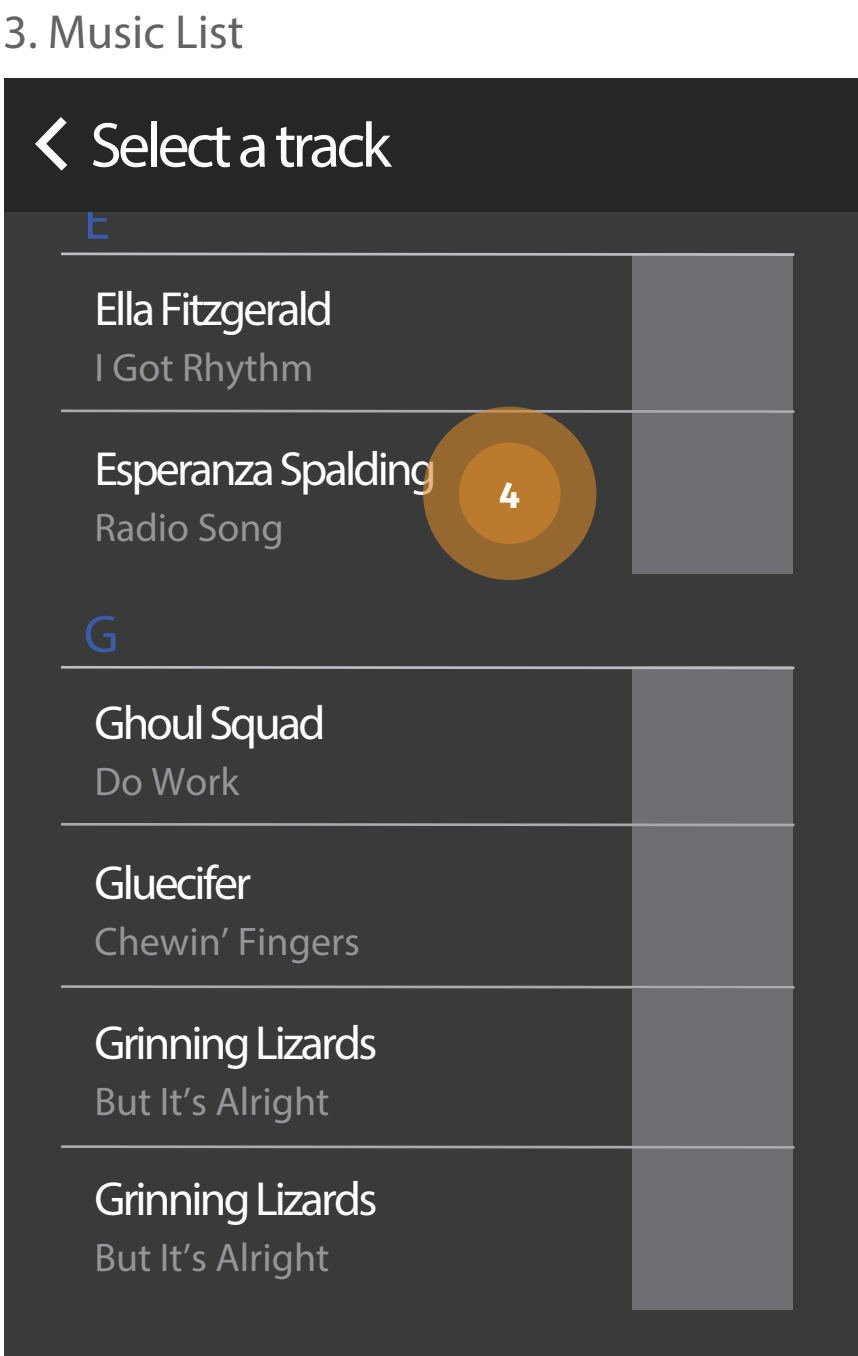
UPDATED V1.5



Ringtone list.

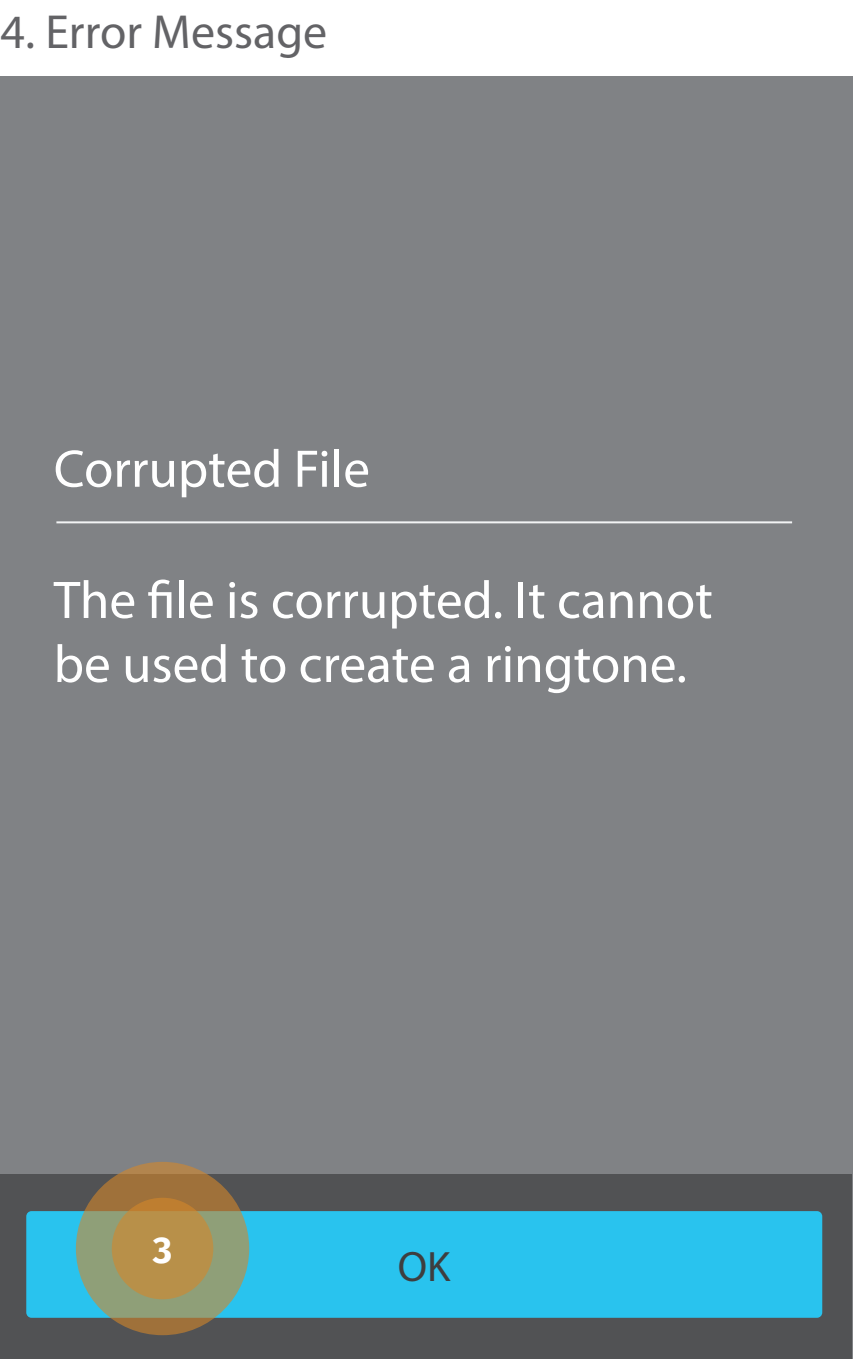


Action menu with more options.



Picking a song/audio file.

This UI is provided by the app.

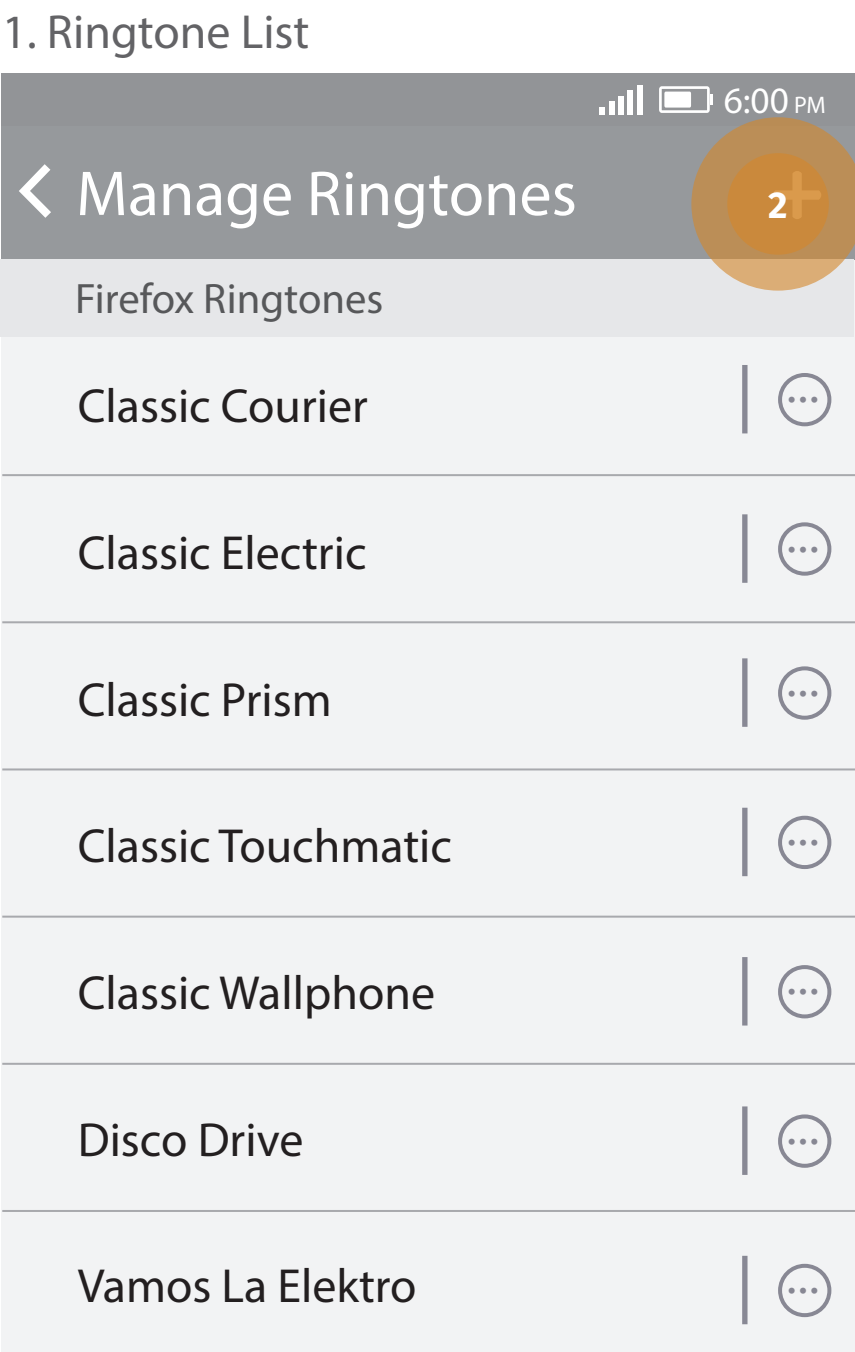


If the user selects a file that cannot be used or is corrupted, show the user an error message.

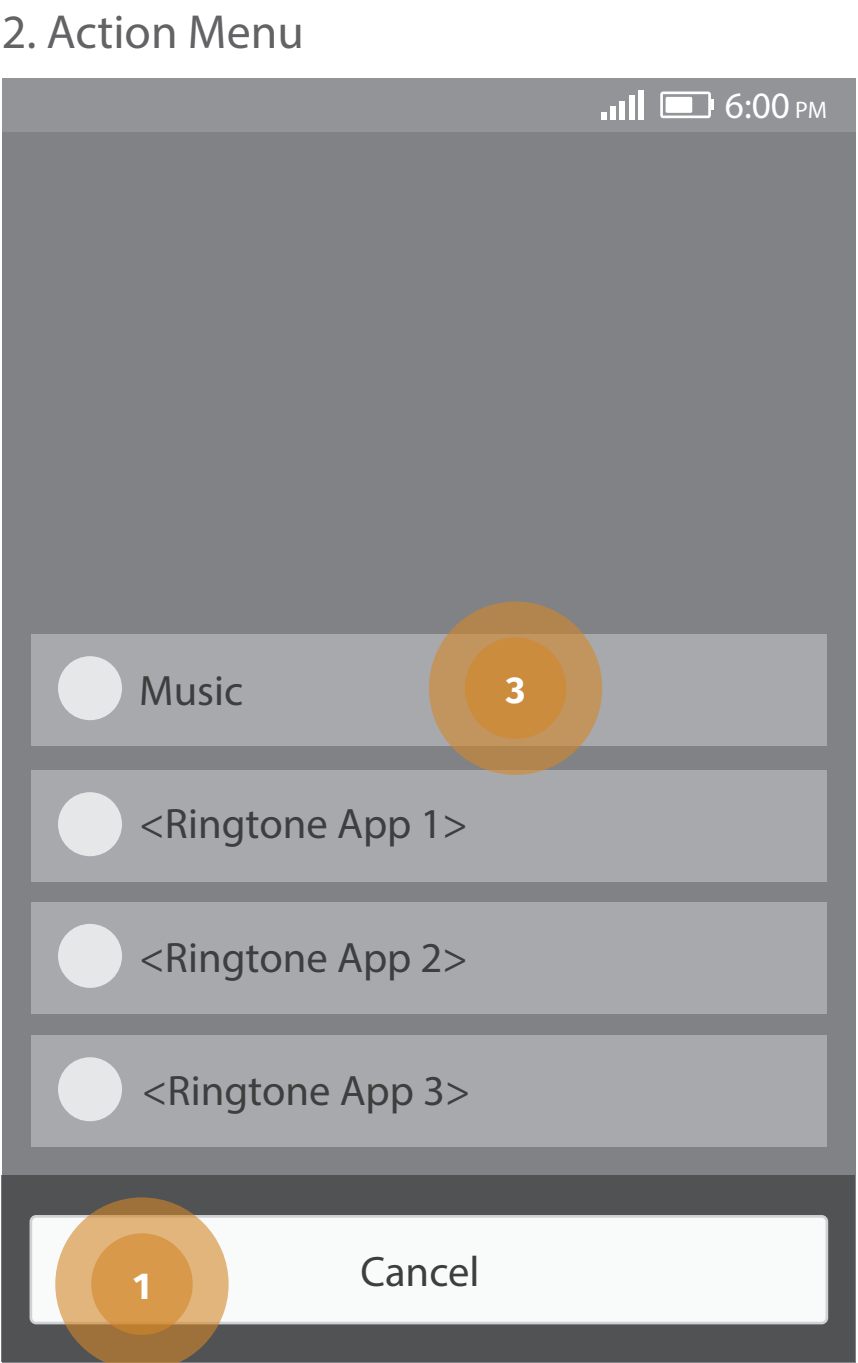
Tapping returns to the picker.

# Generic Save Error

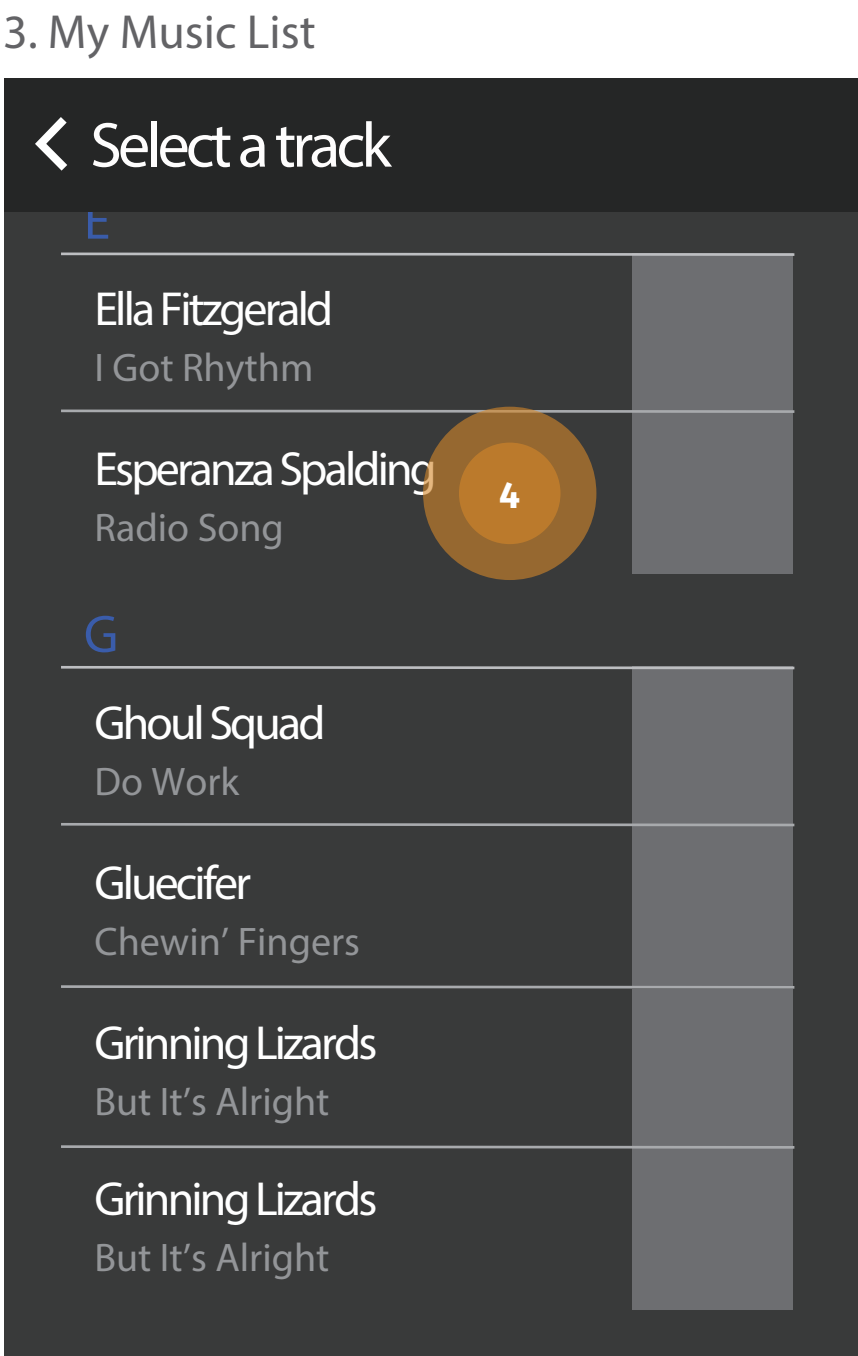
UPDATED V1.5/1.7



Ringtone list.

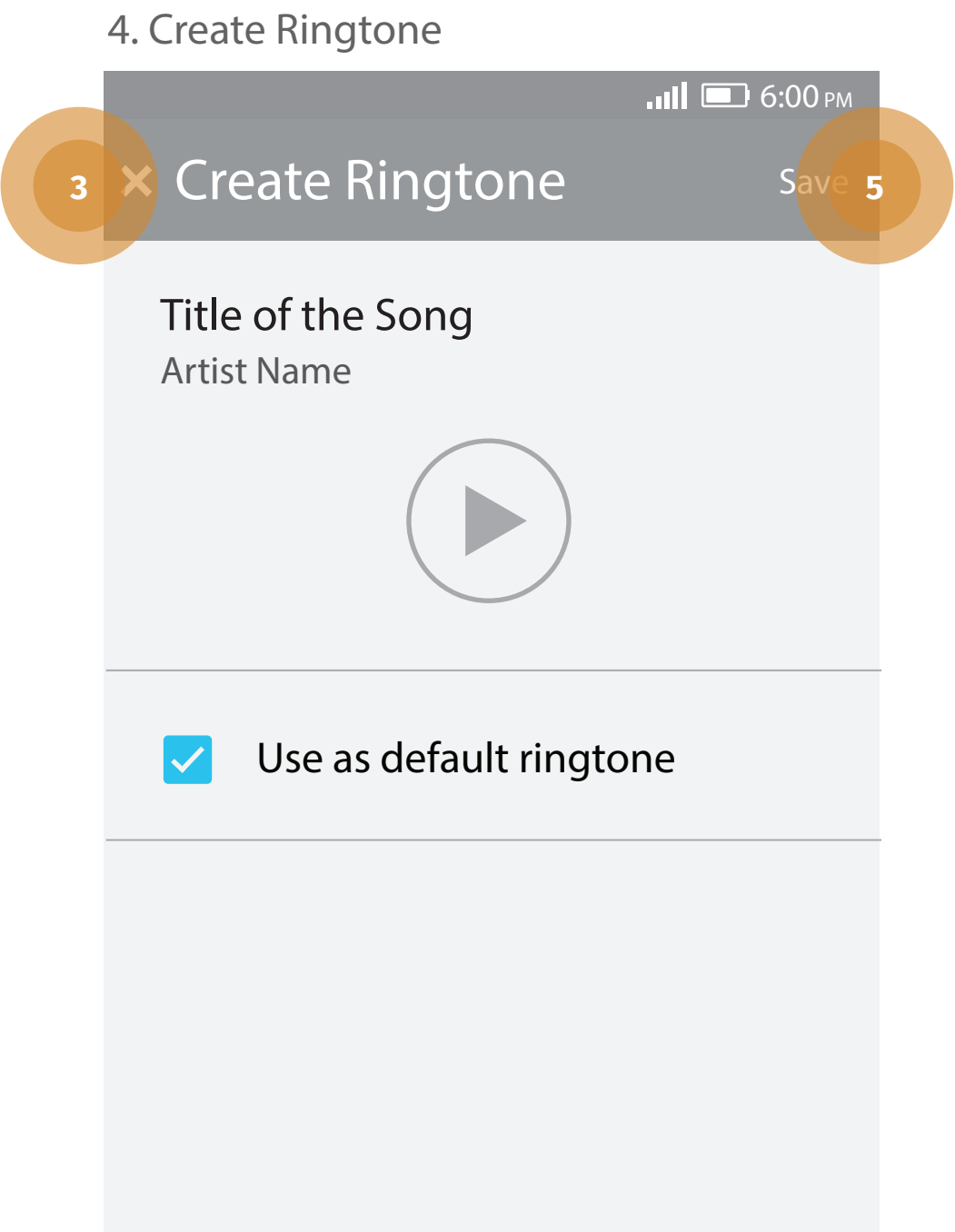


Action menu with more options.

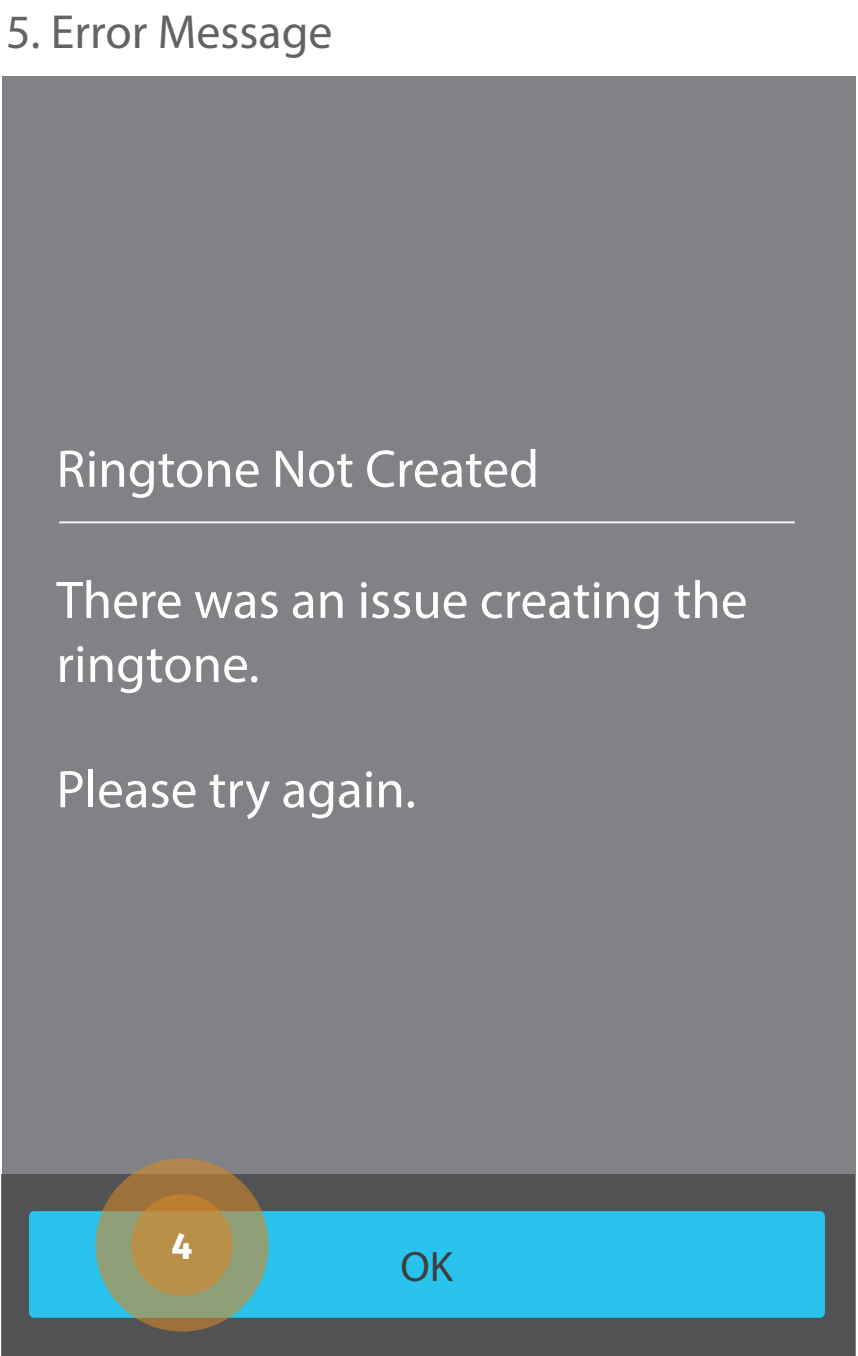


Picking a song/audio file.

This UI is provided by the app.



Create a new ringtone.



While trying to create the new ringtone, if there are any issues and the process fails, show the user a message.

The user is returned to the create screen where they can try again or go back to pick a different audio file.

**Can we make this more case specific instead of general?**

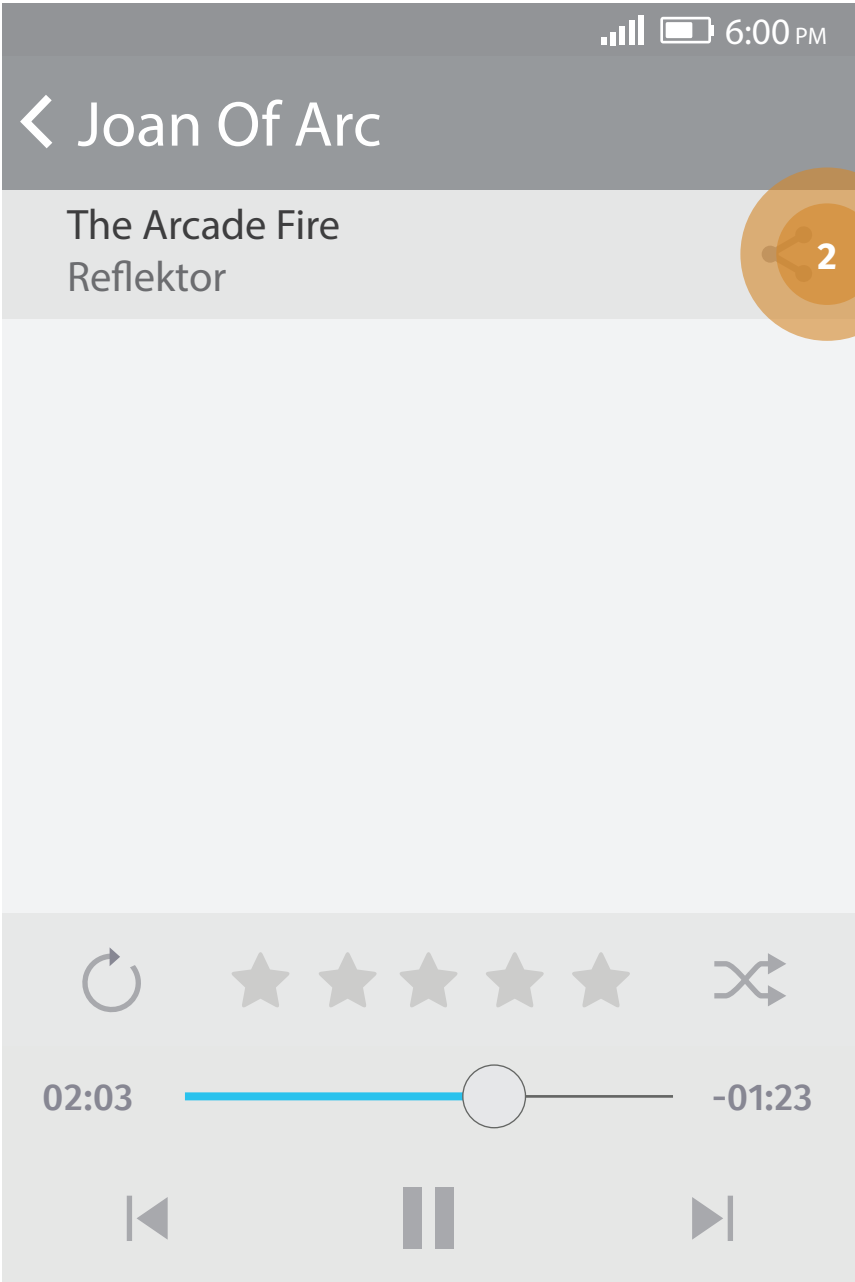


# Other Apps & Ringtones

# New Ringtone - From Music App

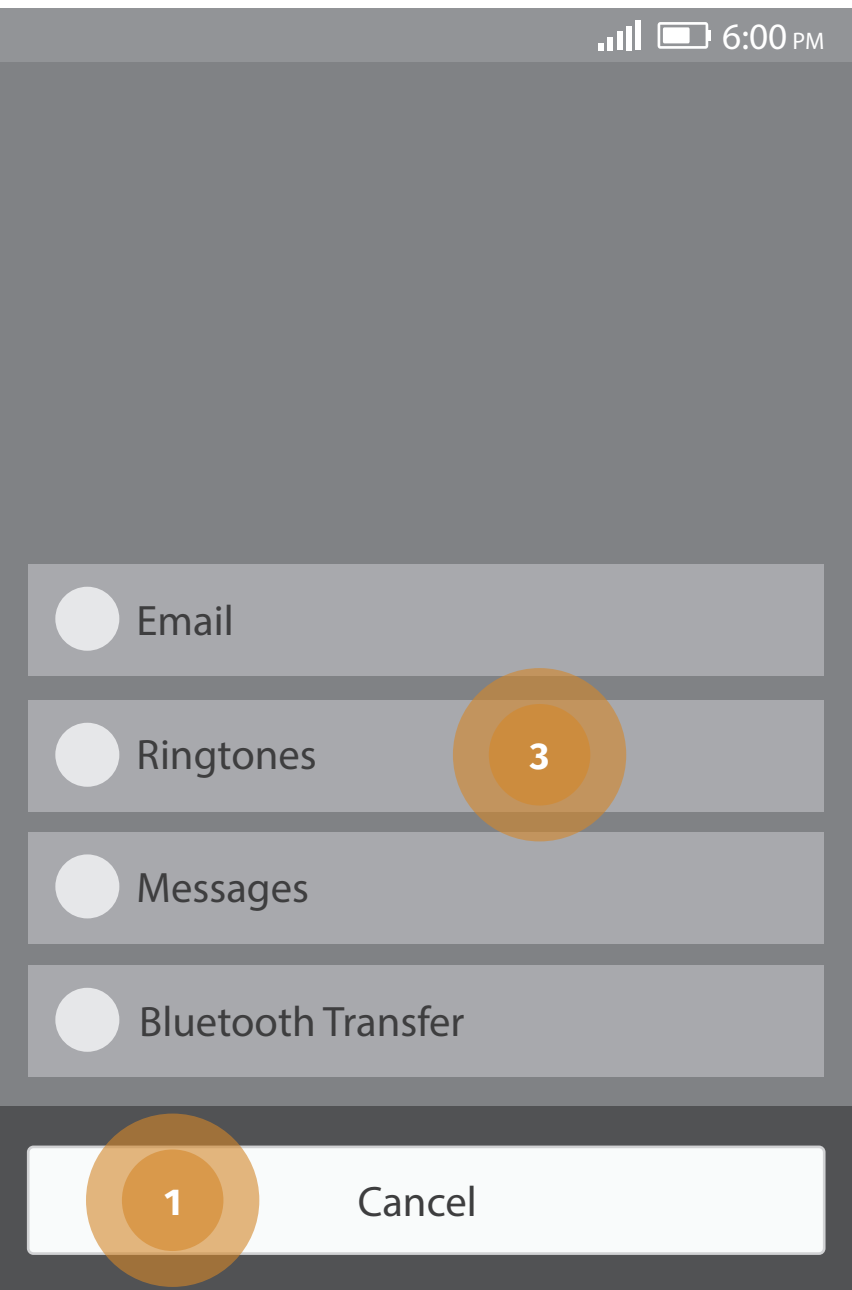
UPDATED V1.5/1.6/1.7

1. Music App - Now Playing



Current music app - now playing view.

2. Action Menu

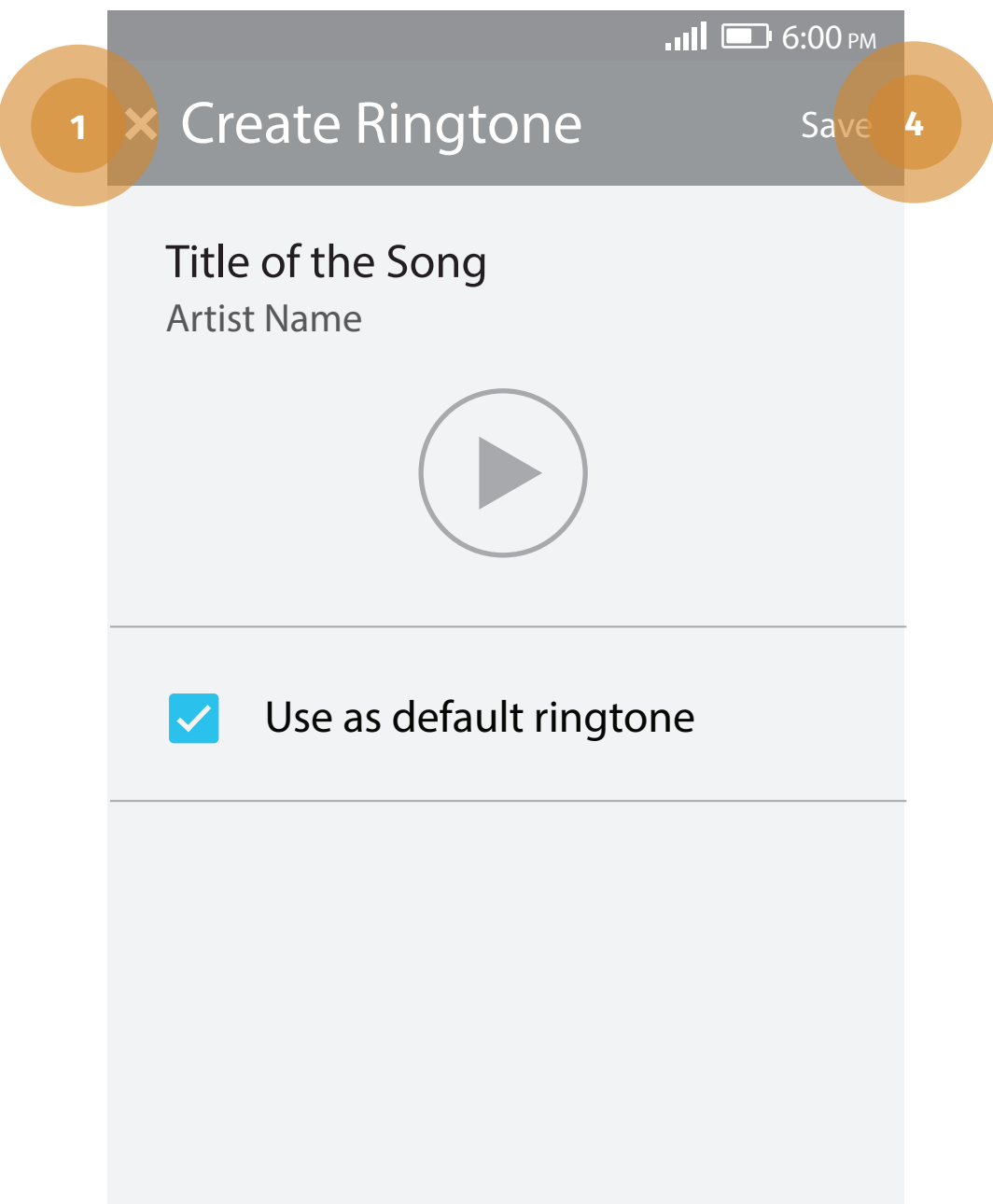


Tapping the share icon shows an action menu revealing more actions that can be taken.

One of these options is to create a ringtone from the song currently playing.

Tapping cancel returns to the now playing screen with no further action.

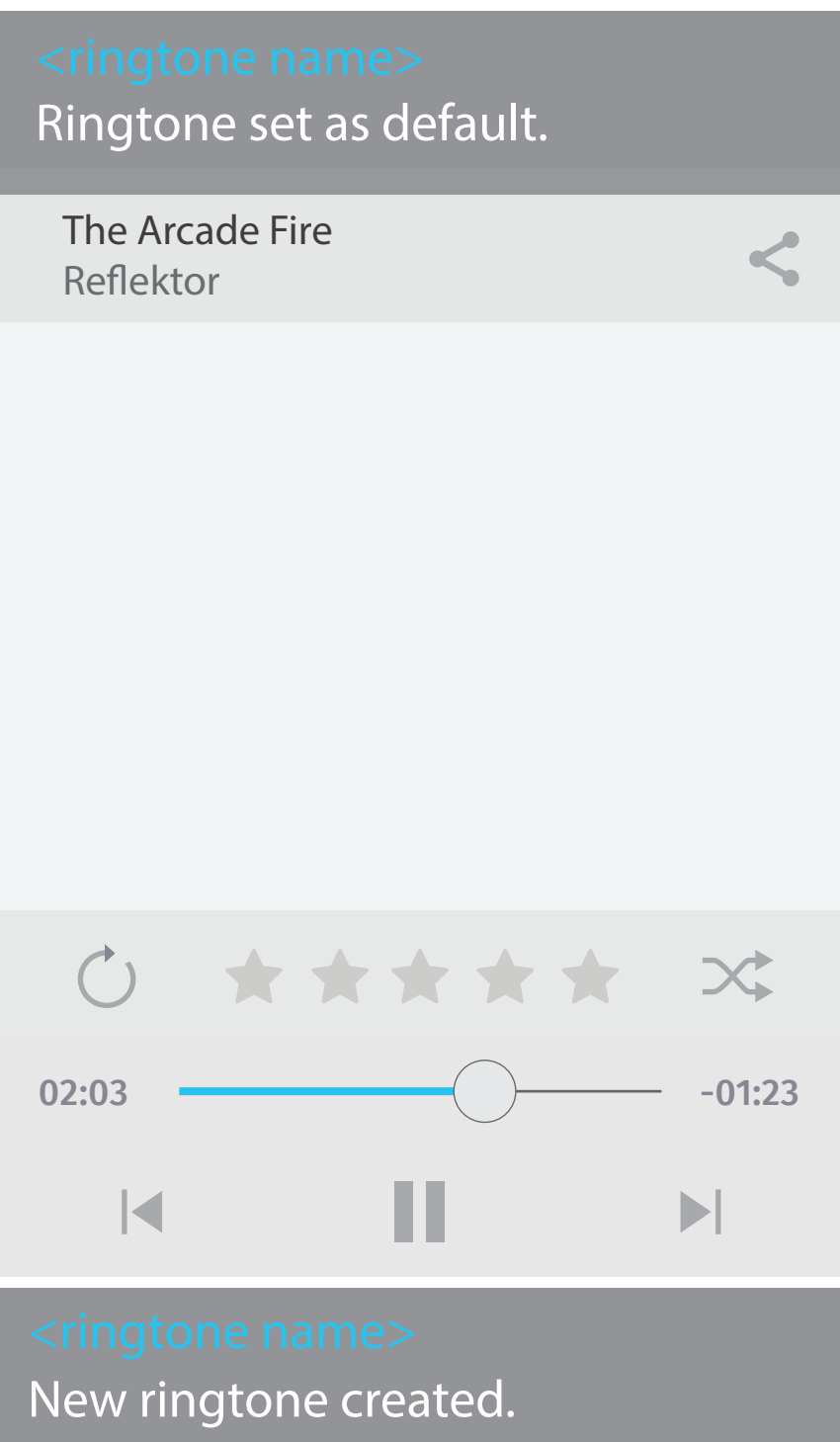
3. Create Ringtone



Same behaviours/UI as the create new ringtone flow.

Tapping cancel returns to the now playing screen with no further action.

4. Music App - Now Playing

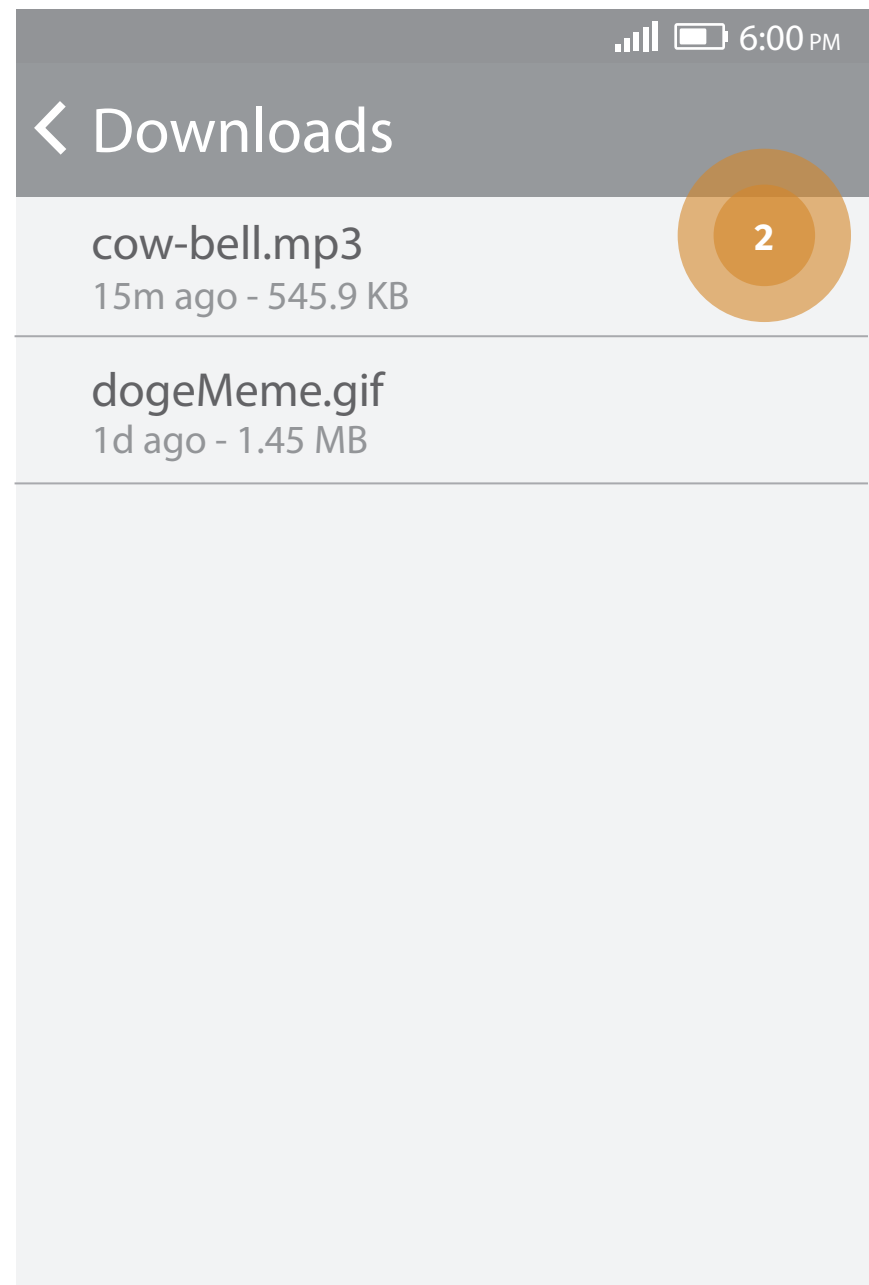


Same behaviours/UI as the create new ringtone flow.

# New Ringtone - From Download Manager

UPDATED V1.5/1.6/1.7

1. Download Manager



Download manager

2. Action Menu

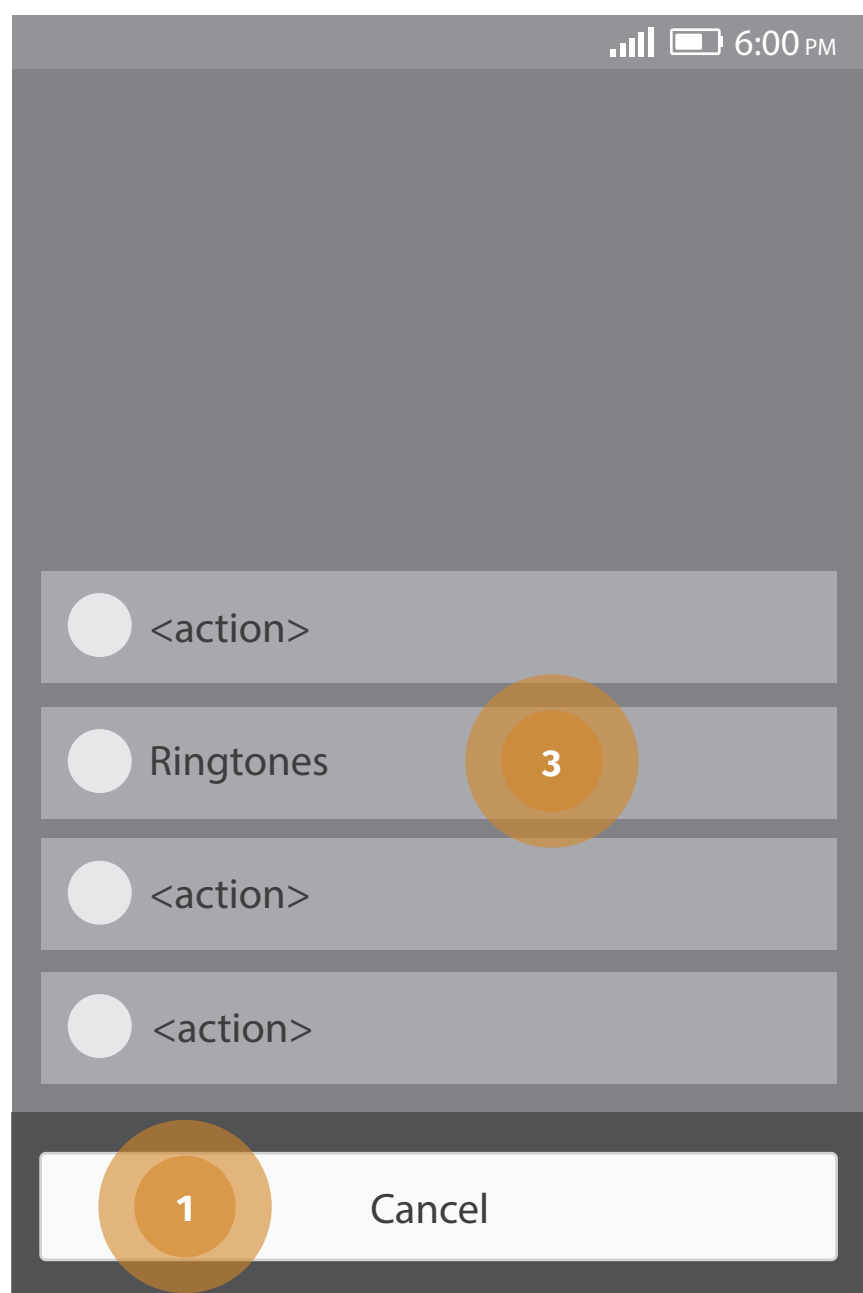


Tapping on the download shows an action menu revealing more actions that can be taken.

One of these options is share.

Tapping cancel returns to the download manager with no further action.

3. Create Ringtone

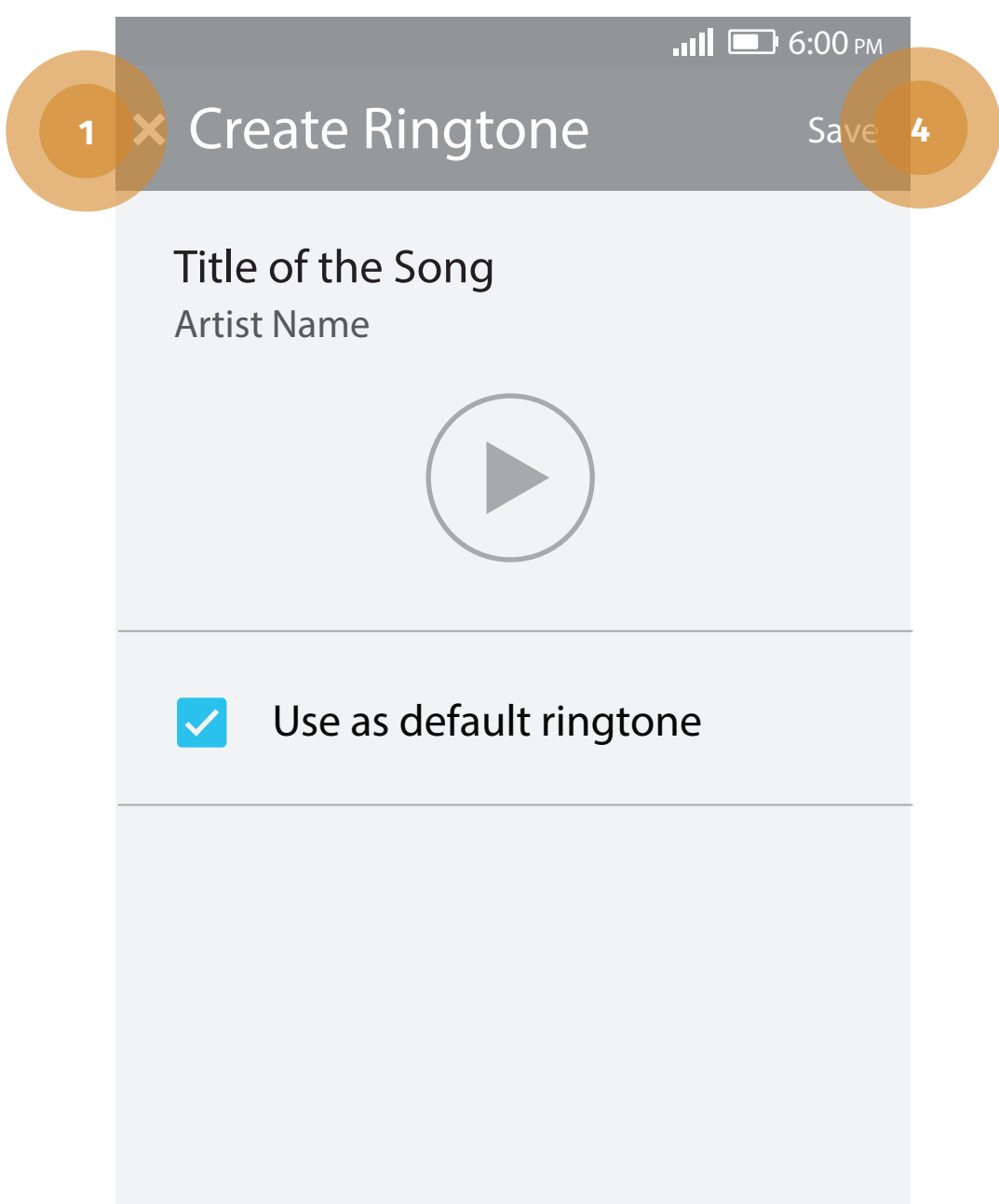


Tapping share shows an action menu revealing more actions that can be taken.

One of these options is to create a ringtone from the song currently playing. Only show this option if the file is able to be saved as a ringtone.

Tapping cancel returns to the download manager with no further action.

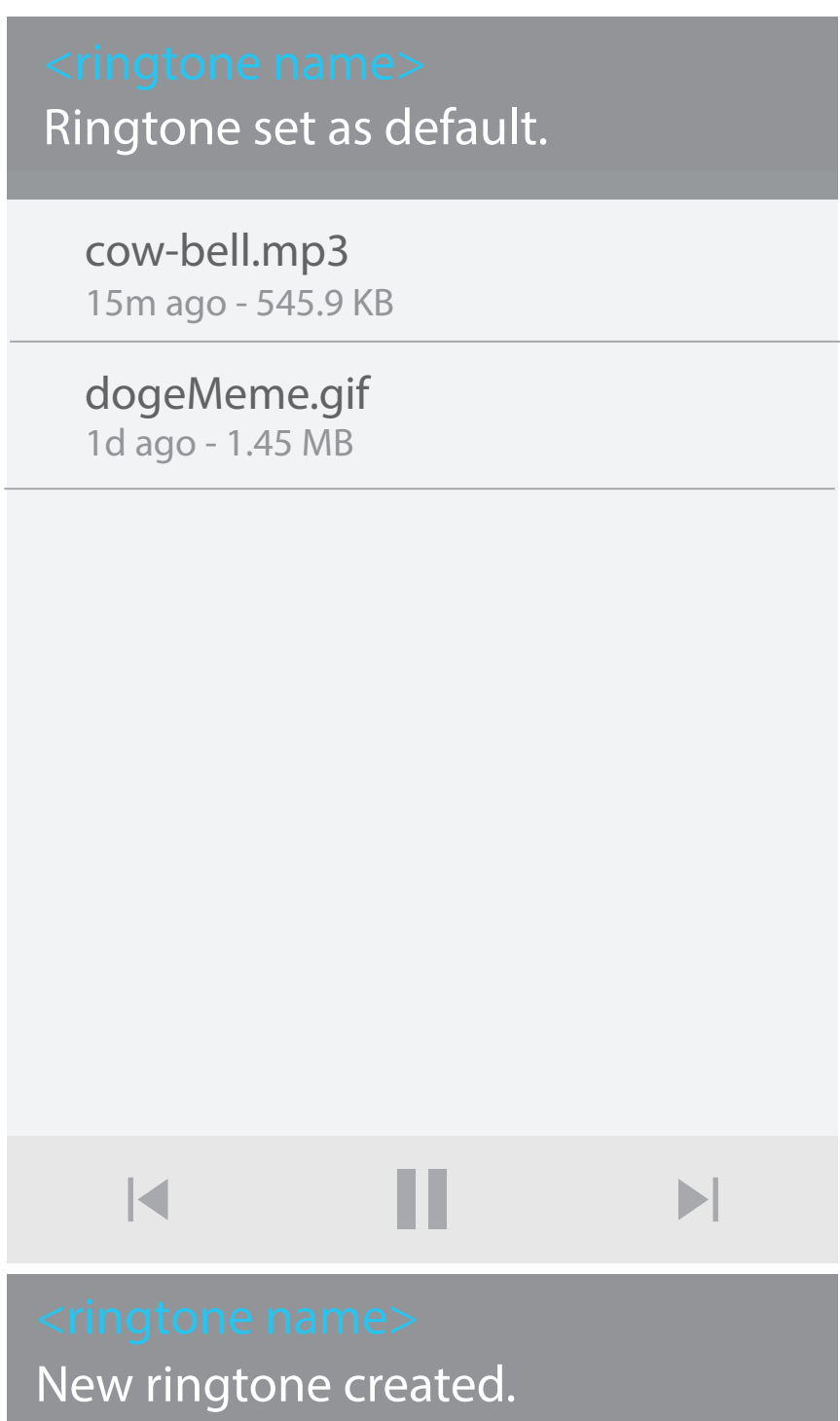
4. Music App - Now Playing



Same behaviours/UI as the create new ringtone flow.

Tapping cancel returns to the now playing screen with no further action.

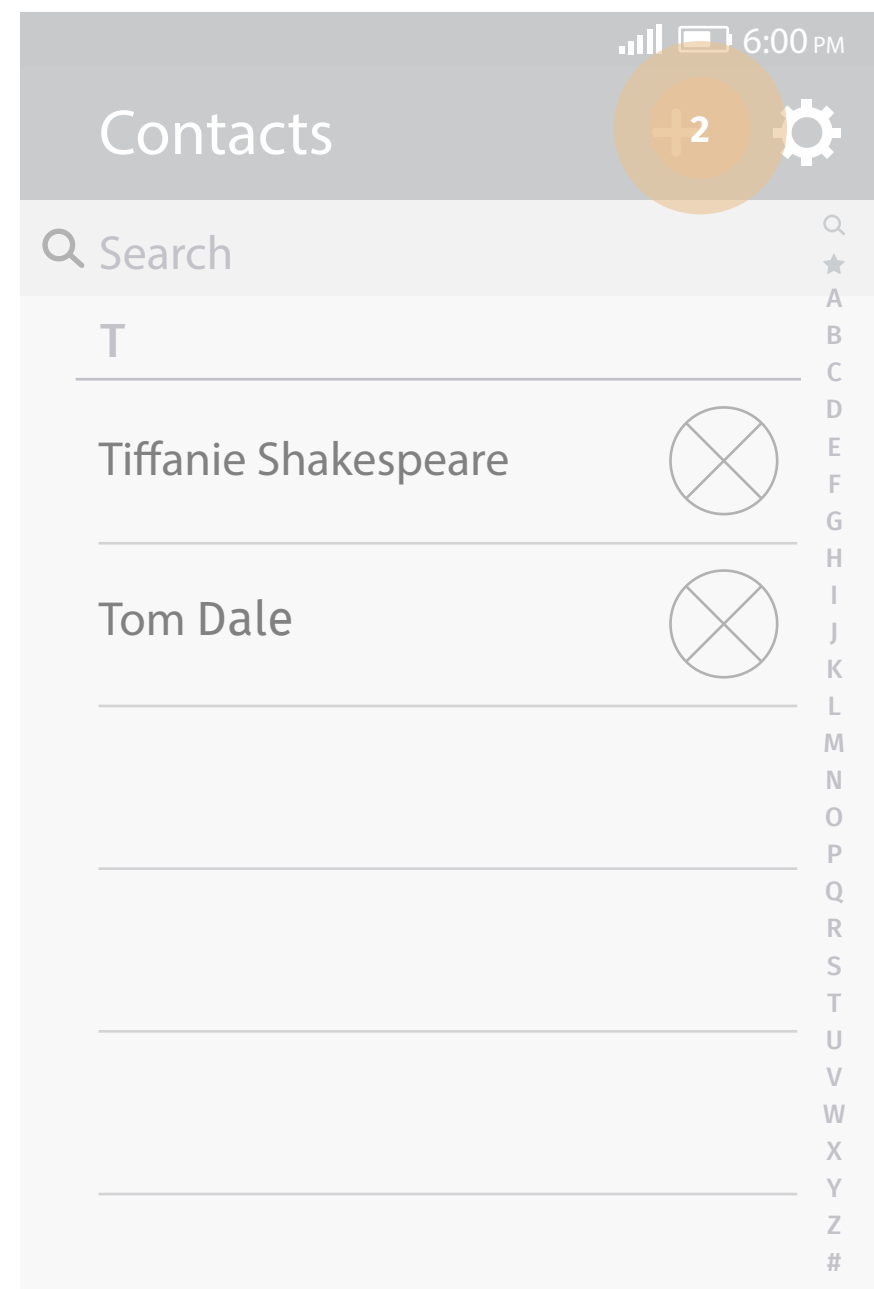
4. Music App - Now Playing



Same behaviours/UI as the create new ringtone flow.

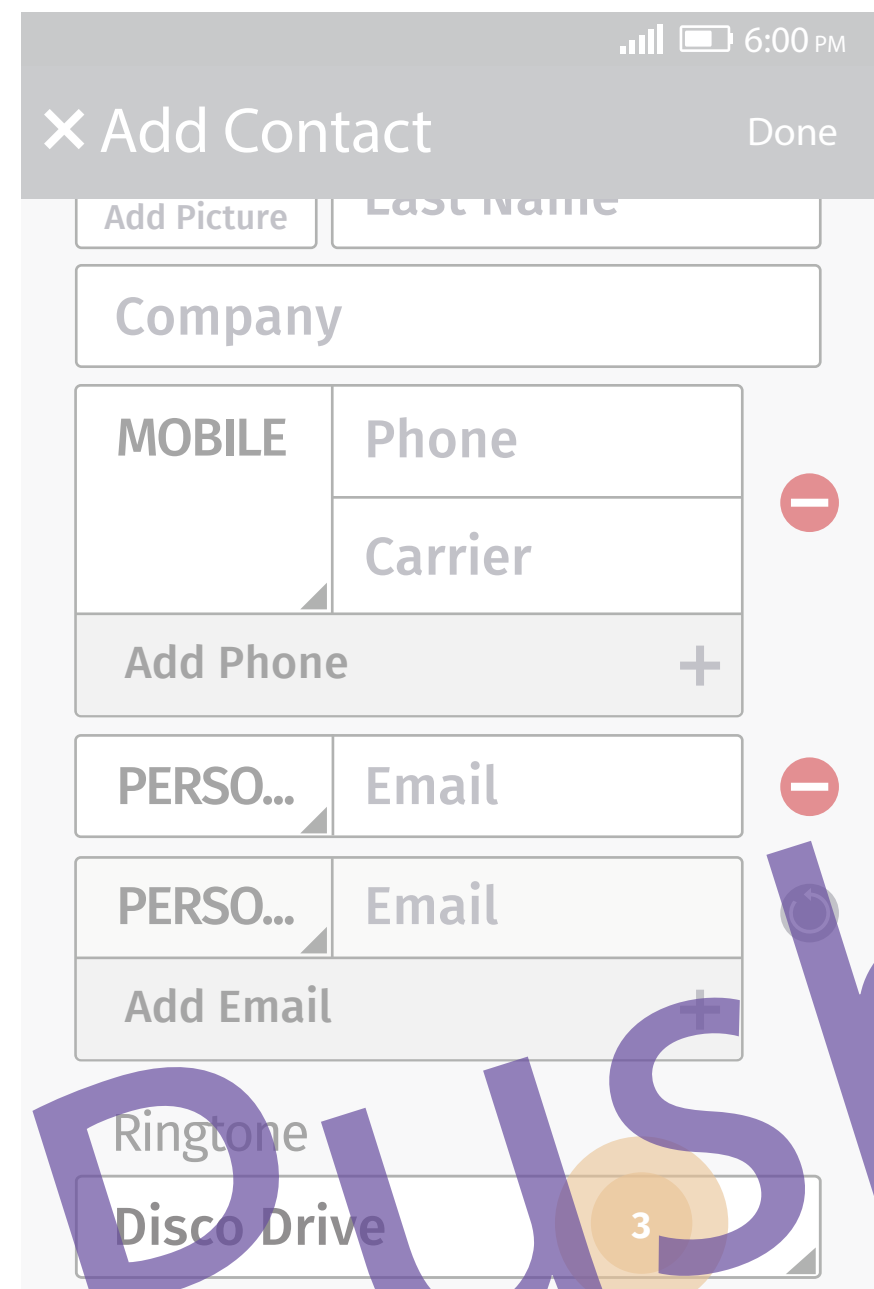
# Contacts - Assign Ringtone to New Contact

1. Contacts



Contacts app.

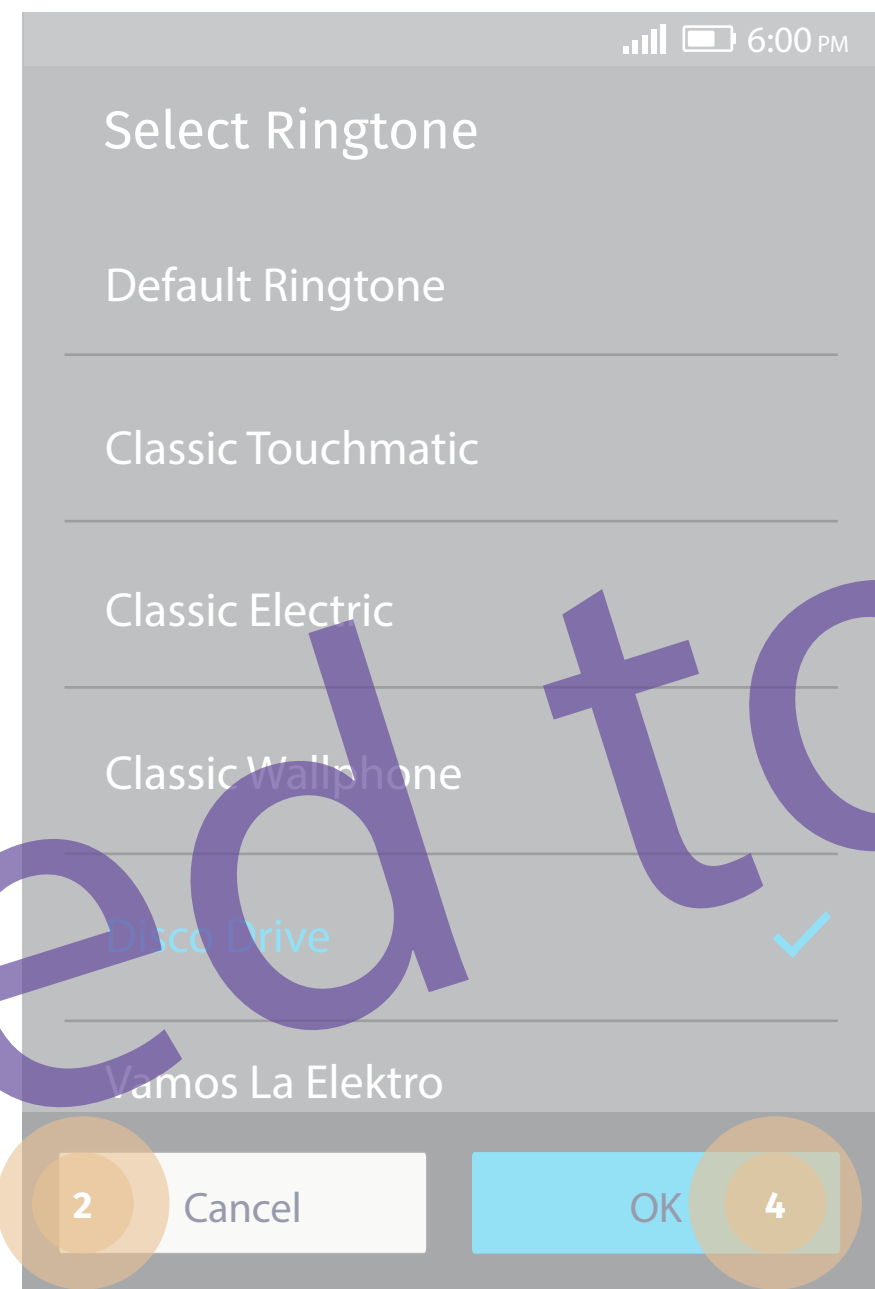
2. New Contact



New contact form. A new field is added between email and comment fields.

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

3. Value Selector



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

An option to use the default ringtone setting is at the top of the list.

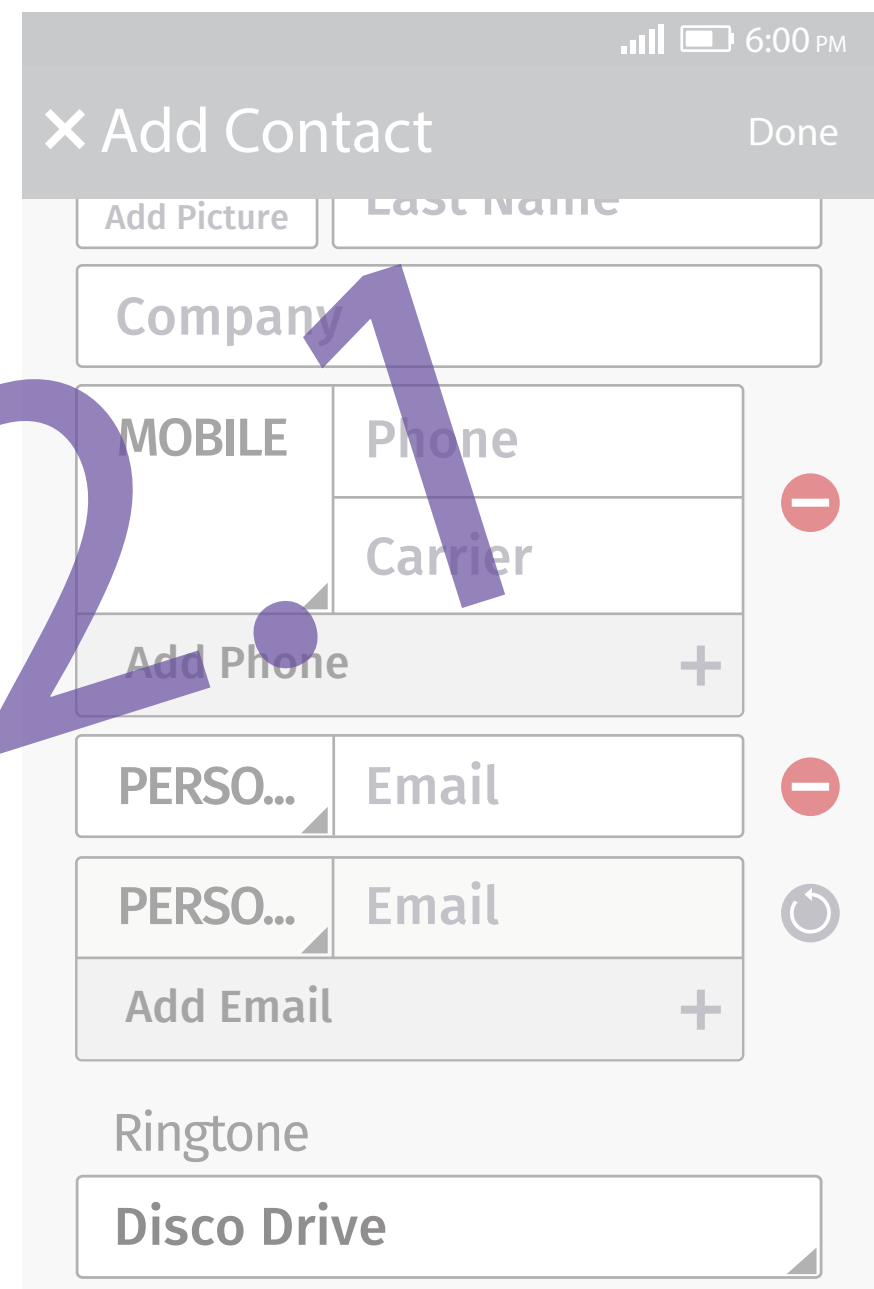
OK changes the ringtone for the contact. Cancel returns to the form with no changes.

**What kind of customizations can we make to this dialogue:**

- sections for alert tones
- preview ringtone

**What are the requirements for 1.5? Media ringtones team needs work session with Contacts team.**

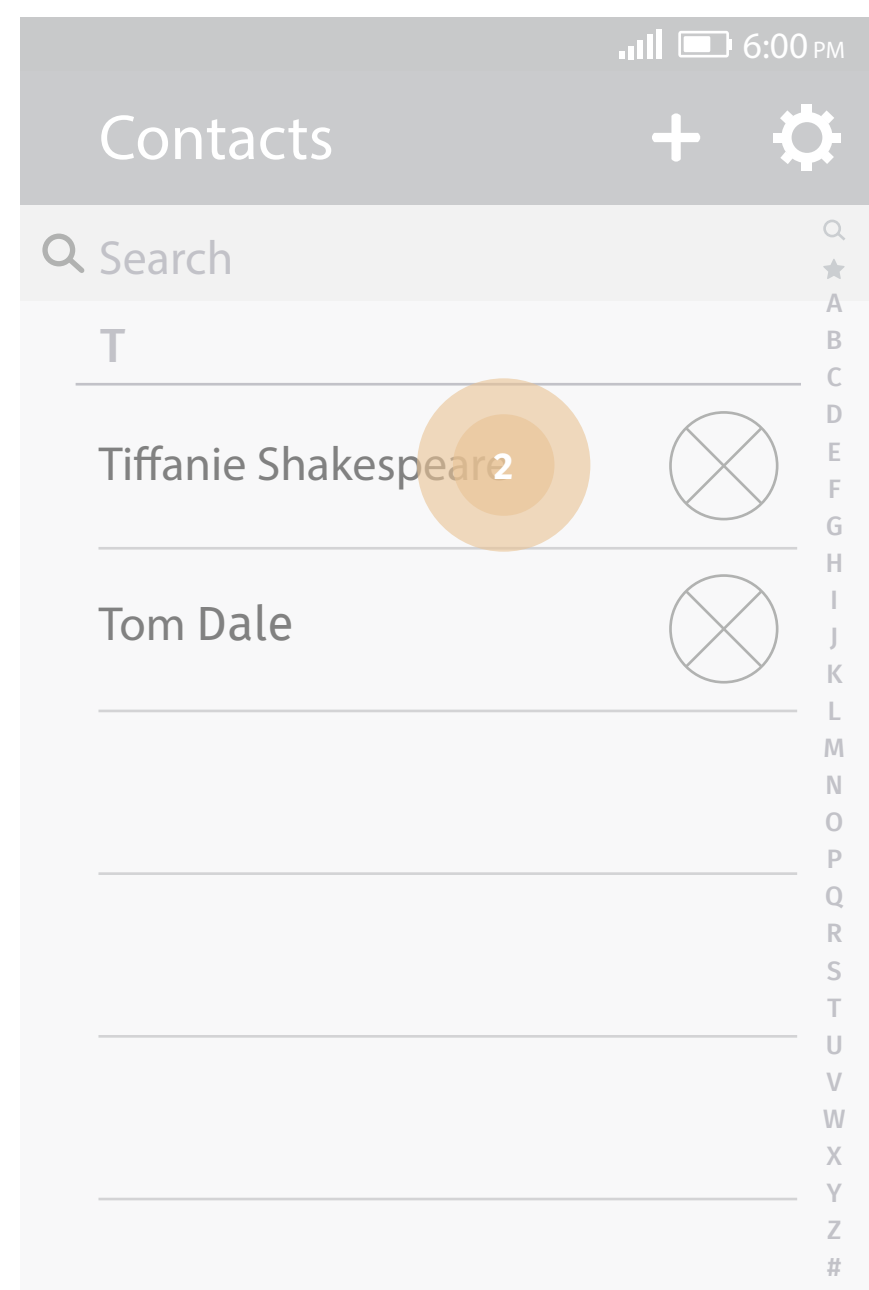
4. New Contact



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

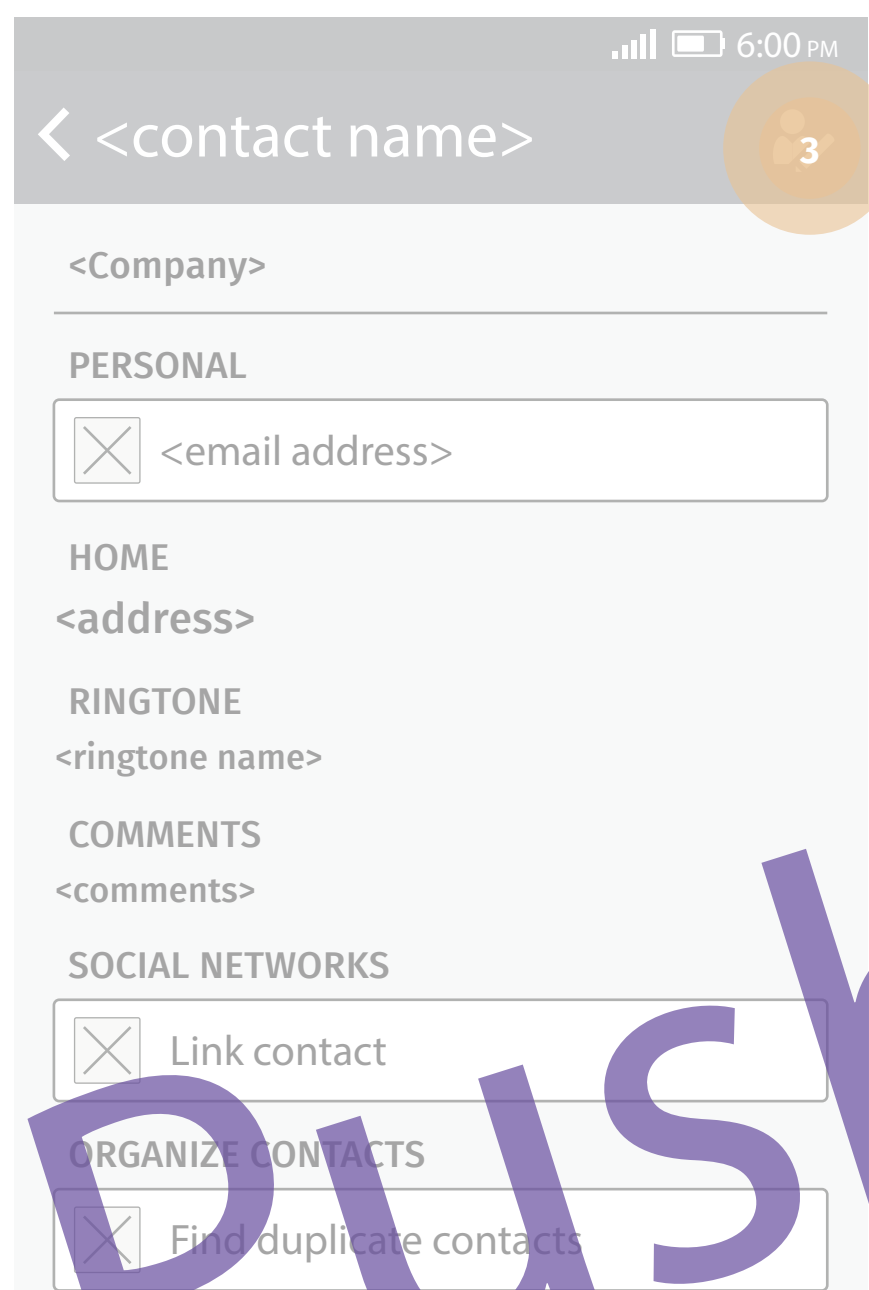
# Contacts - Assign Ringtone to Existing Contact

1. Contacts



Contacts app.

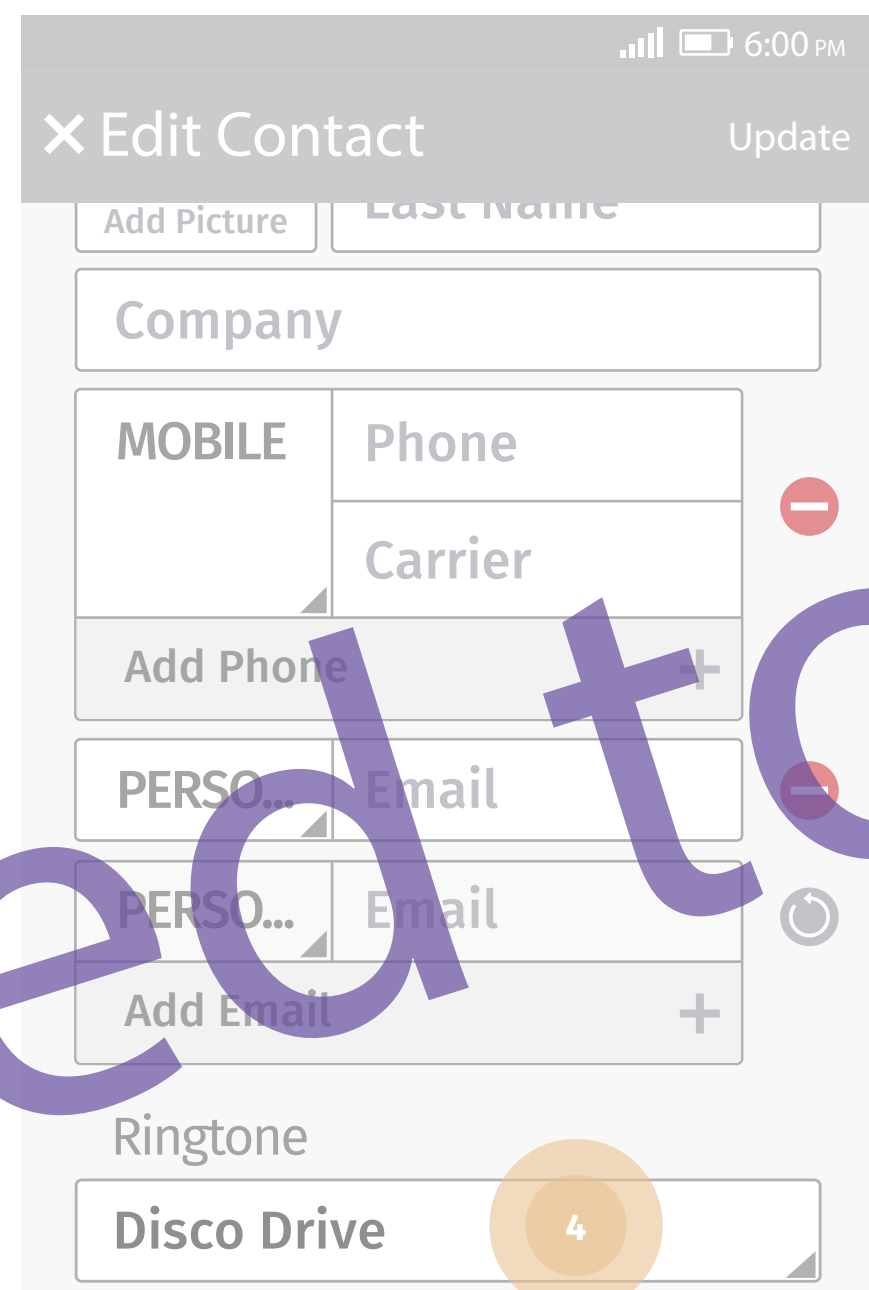
2. Contact Details



Contact details of the selected contact.

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

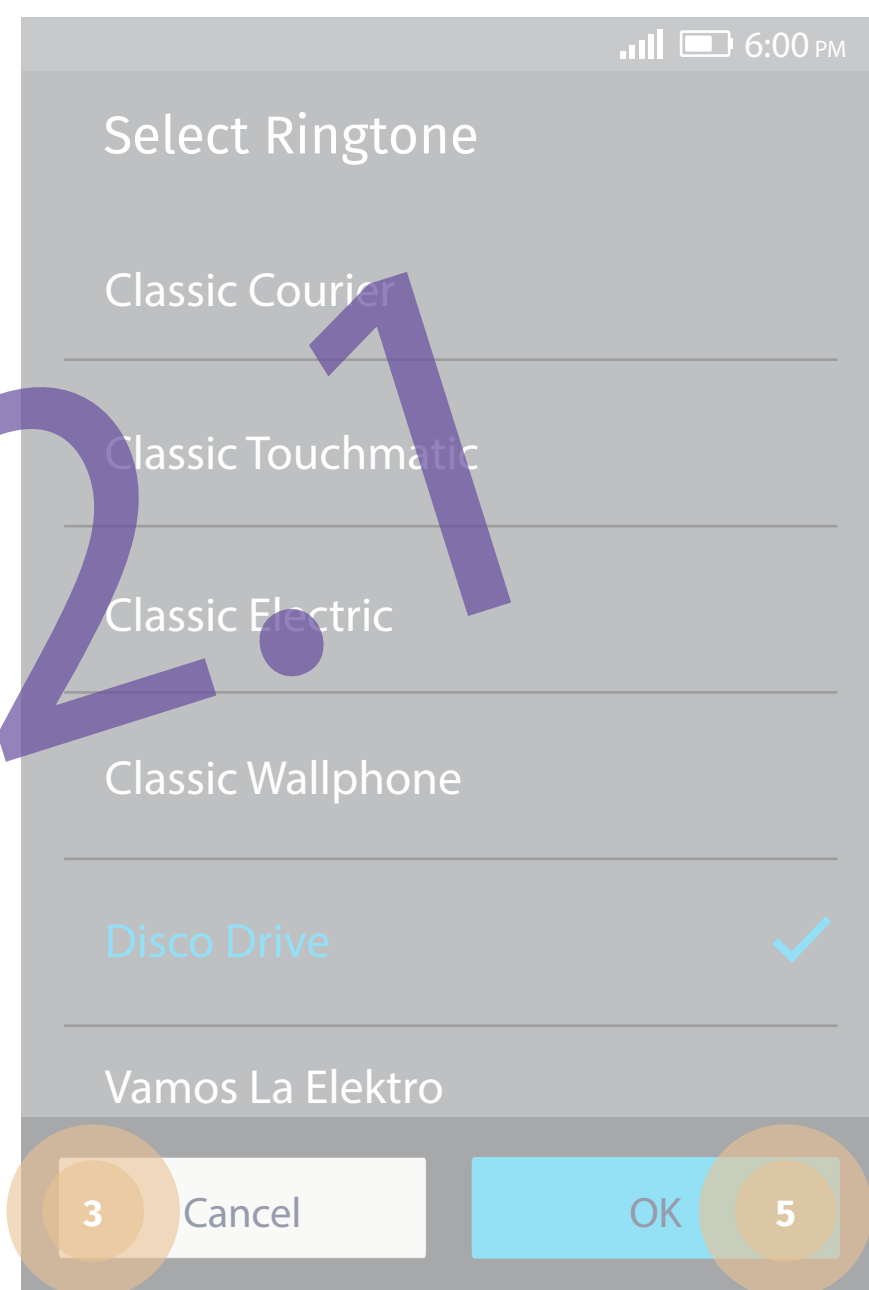
3. Edit Contact



Editing a contact form. A new field is added between email and comment fields.

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

4. Value Selector



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

An option to use the default ringtone setting is at the top of the list.

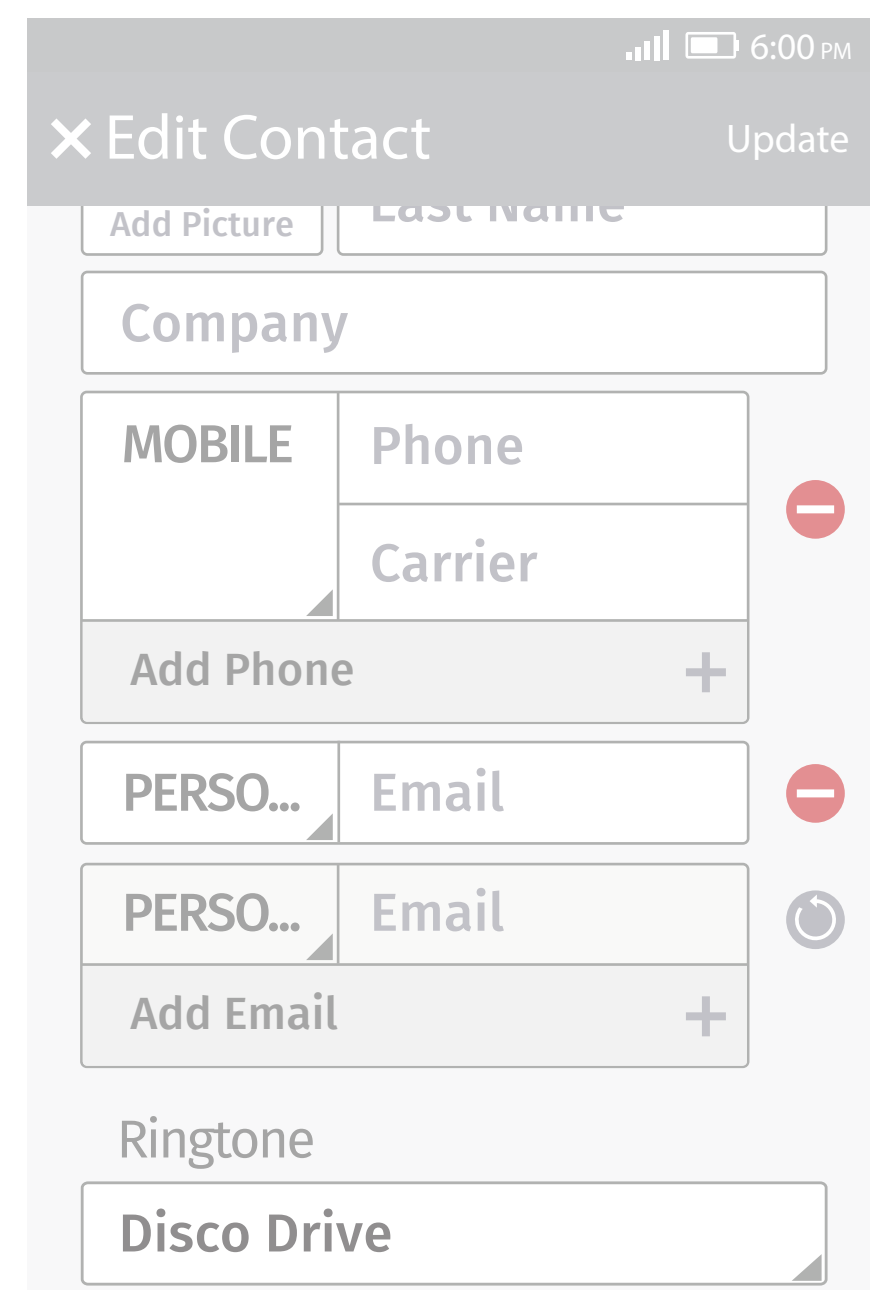
OK changes the ringtone for the contact. Cancel returns to the form with no changes.

**What kind of customizations can we make to this dialogue:**

- sections for alert tones
- preview ringtone

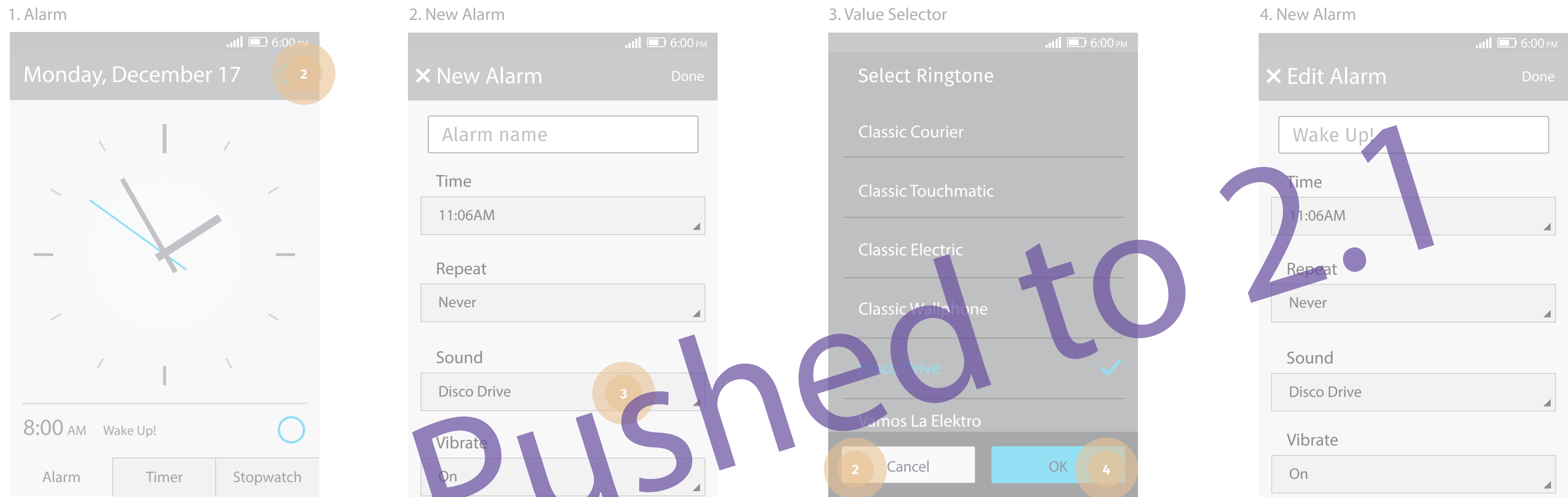
**What are the requirements for 1.5? Media ringtones team needs work session with Contacts team.**

5. Edit Contact



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

# Alarm - Assign Ringtone to a New Alarm



Clock app.

Creating a new alarm form.

The sound should be the default until the user changes.

<alarm>

Tapping shows a value selector with possible ringtone and alert options. The current option is selected.

OK changes the sound for the alarm. Cancel returns to the form with no changes.

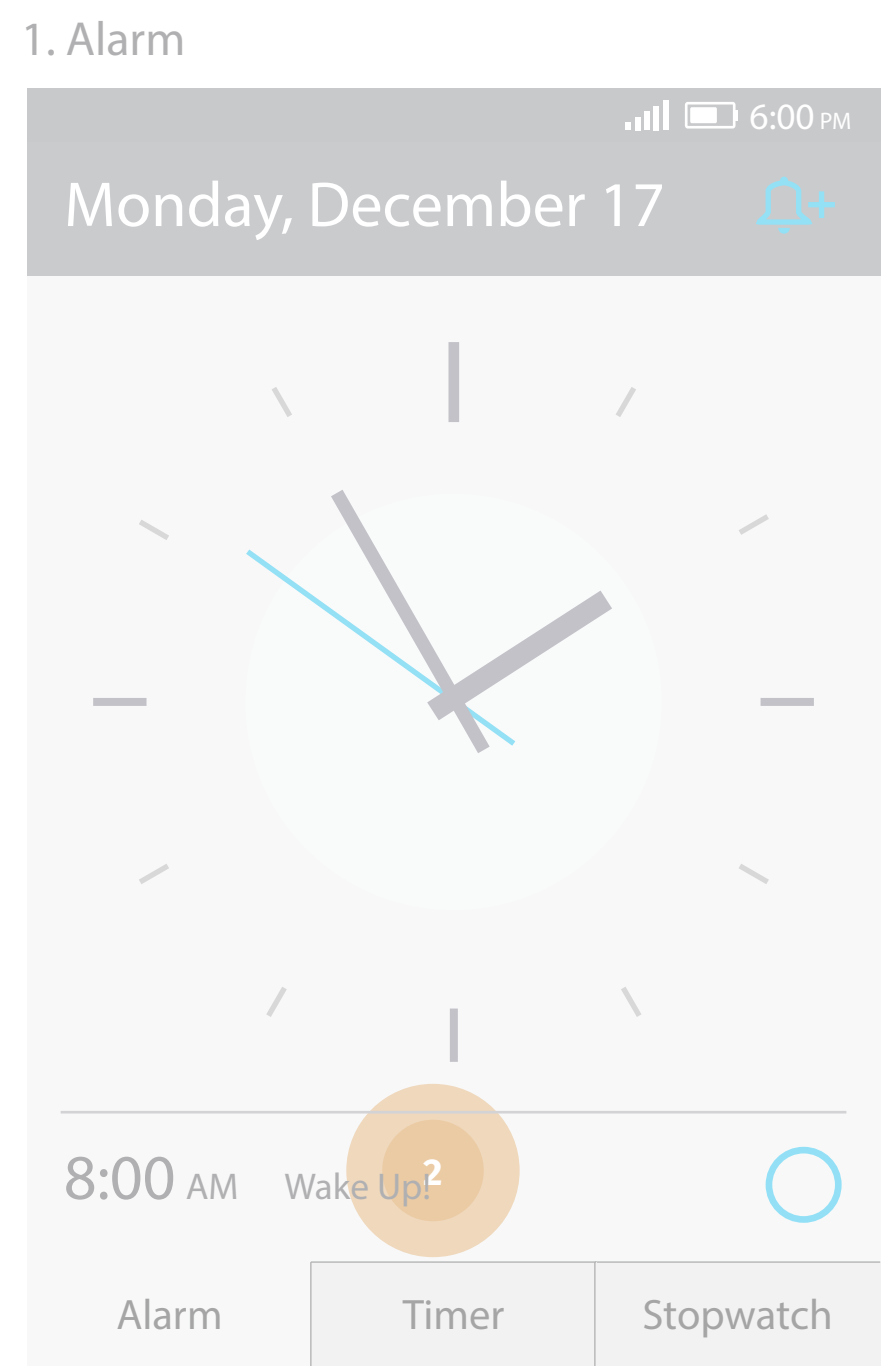
Tapping saves the changes and updates the selector with the current selection.

- What kind of customizations can we make to this dialogue:
- sections for alert tones
  - preview ringtone

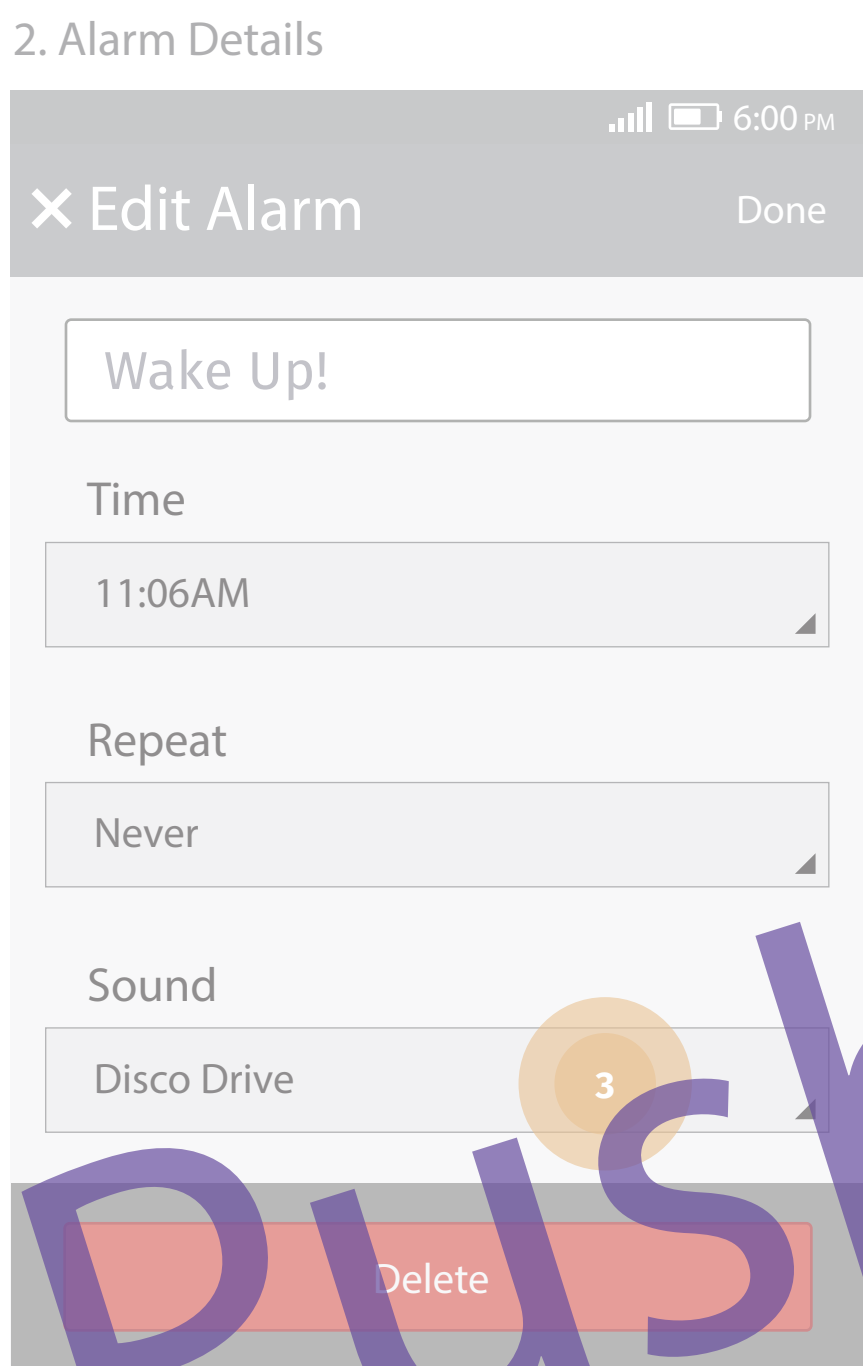
What are the requirements for 1.5? Media ringtones team needs work session with Clock team.



# Alarm - Assign Ringtone to an Existing Alarm

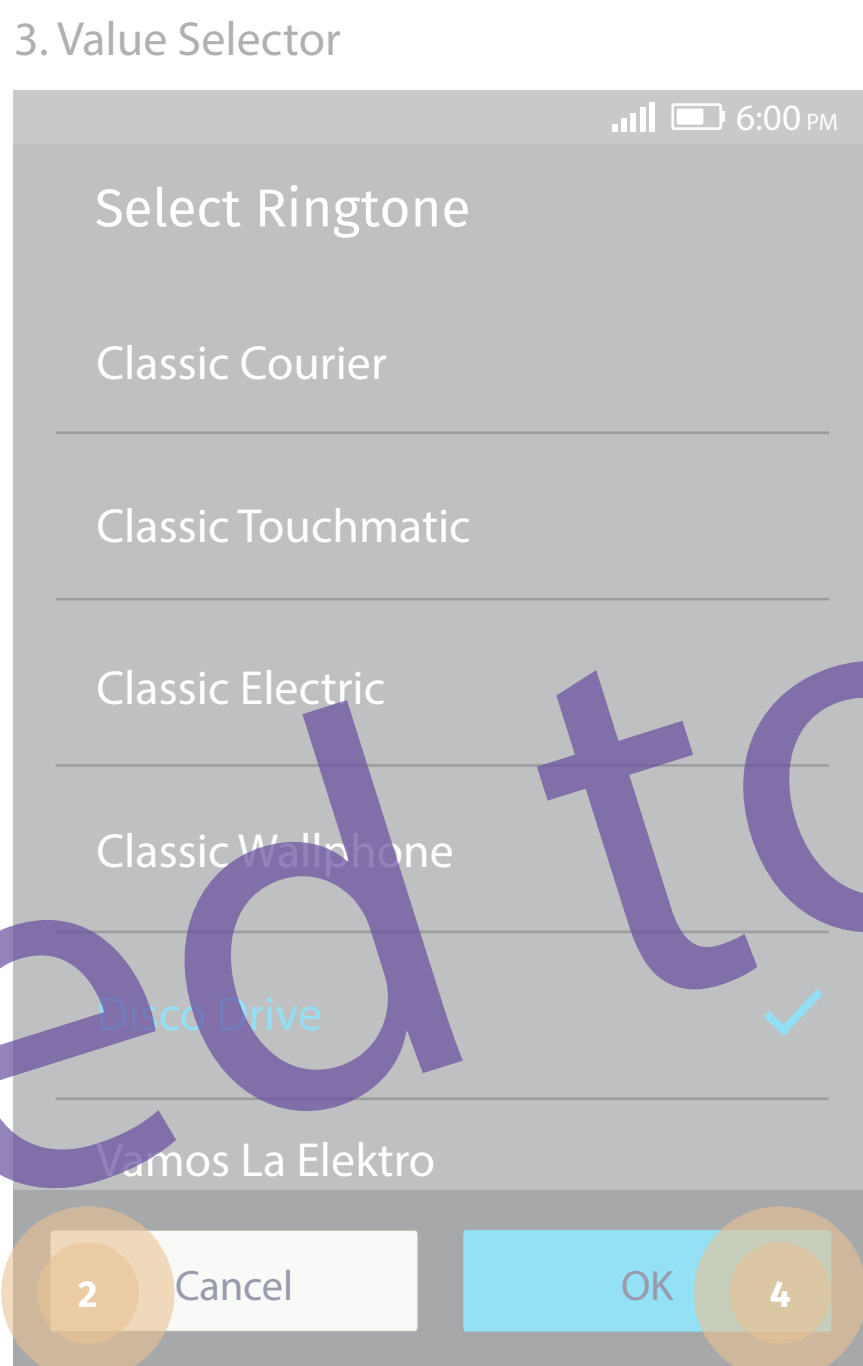


Clock app.



Alarm details of the selected alarm.

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

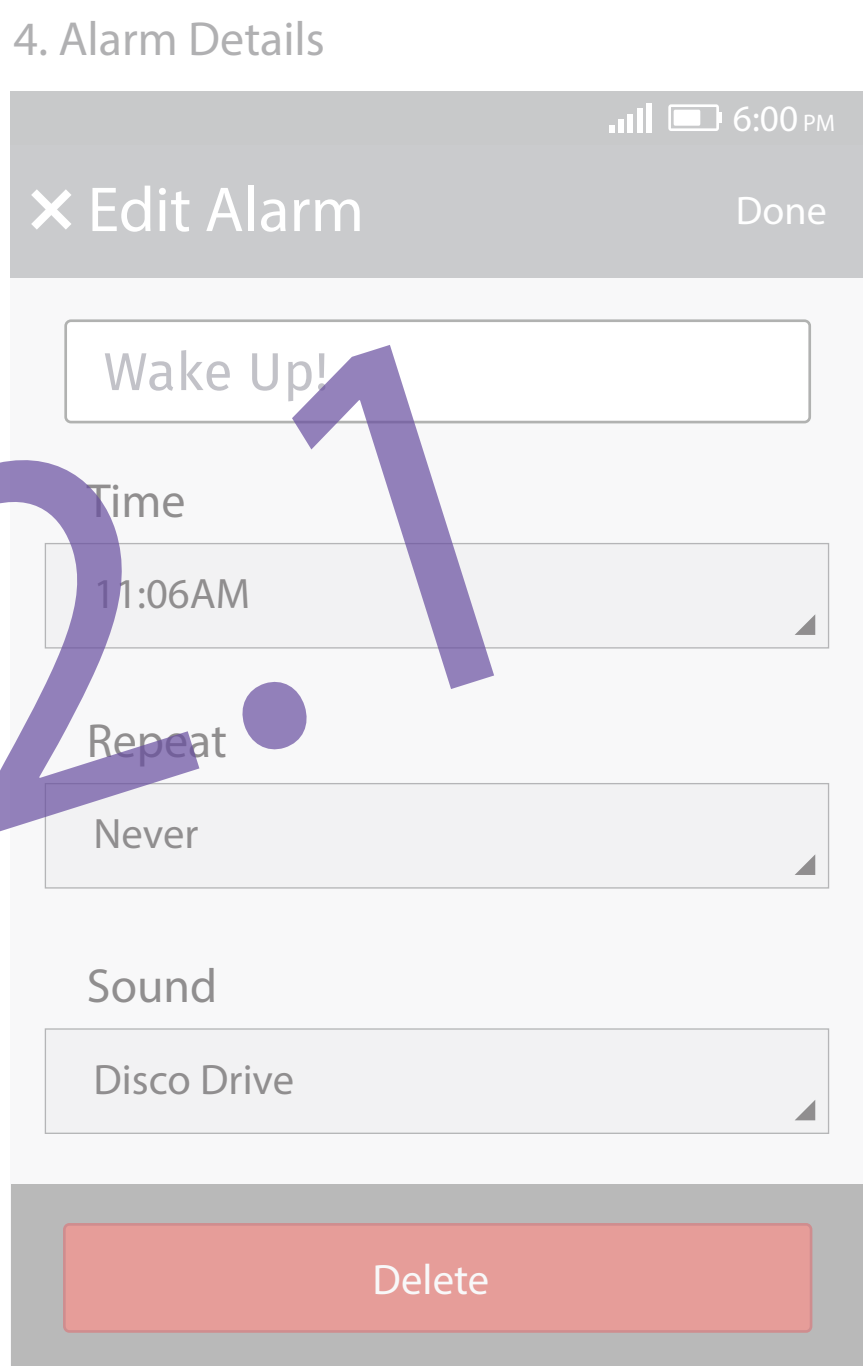


Tapping shows a value selector with possible ringtone and alert options. The current option is selected.

OK changes the sound for the alarm. Cancel returns to the form with no changes.

- What kind of customizations can we make to this dialogue:**
- sections for alert tones
  - preview ringtone

**What are the requirements for 1.5? Media ringtones team needs work session with Contacts team.**



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

# Thanks!

From your friends in Firefox OS UX