Firefox OS

Ringtones 1.5/2.0

Version 1.1 April 03, 2014

Questions? E-mail the author or 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 Ringtone Mgr - subtitle can be artist or another piece of metadata rather than source

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.

When is the contact and alarm work going to be done by those teams? Confirming with Wilfred.

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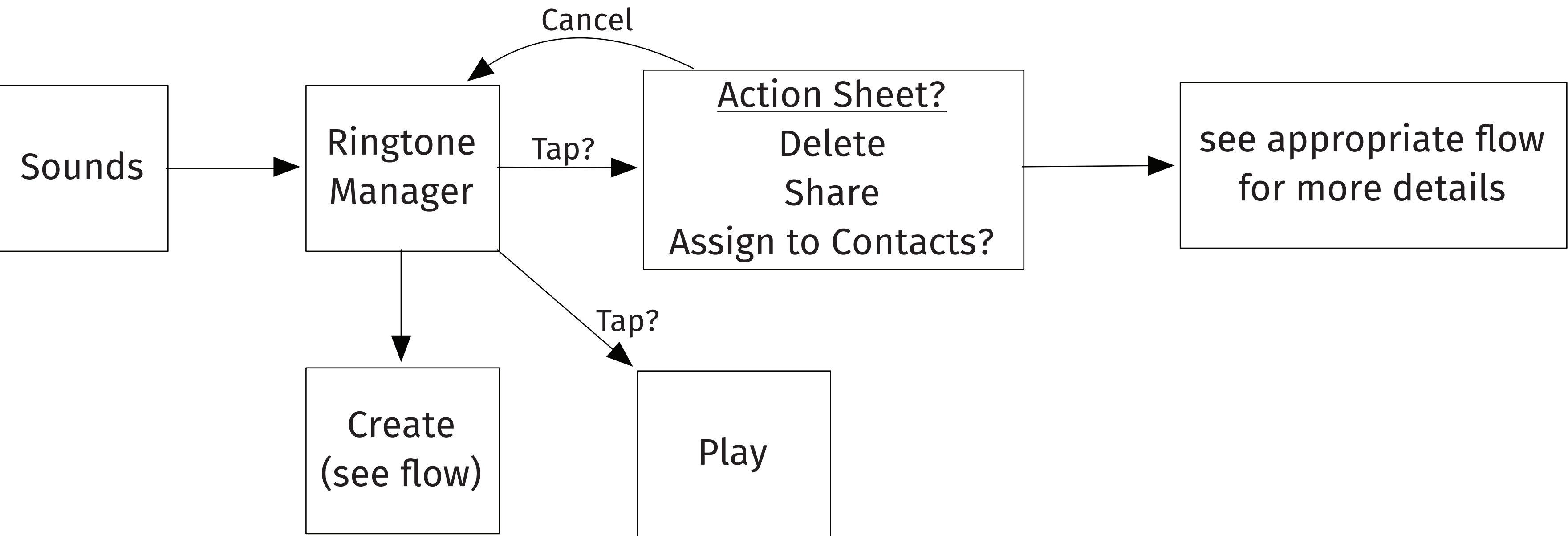
As a user, I want to be able to pick from my list of ringtones to define a clock alarm.

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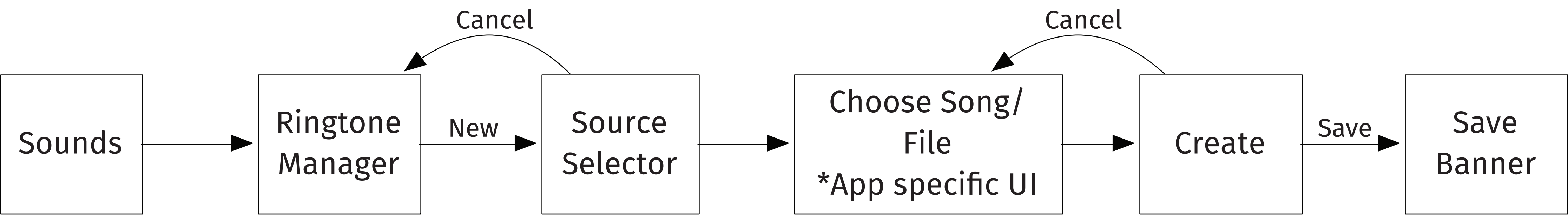
As a user, I want to be able to "crop" an audio file when creating a ringtone, so that I can select just a portion of the file to be played.
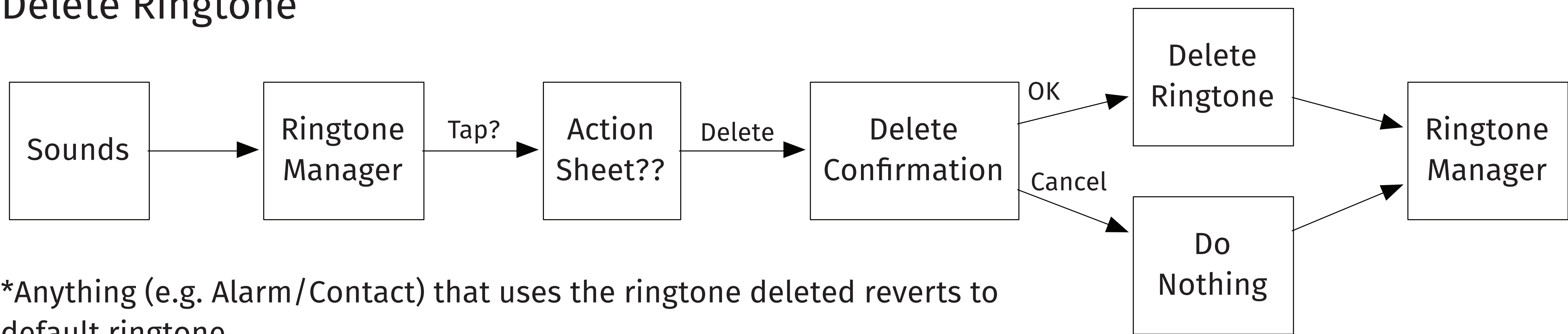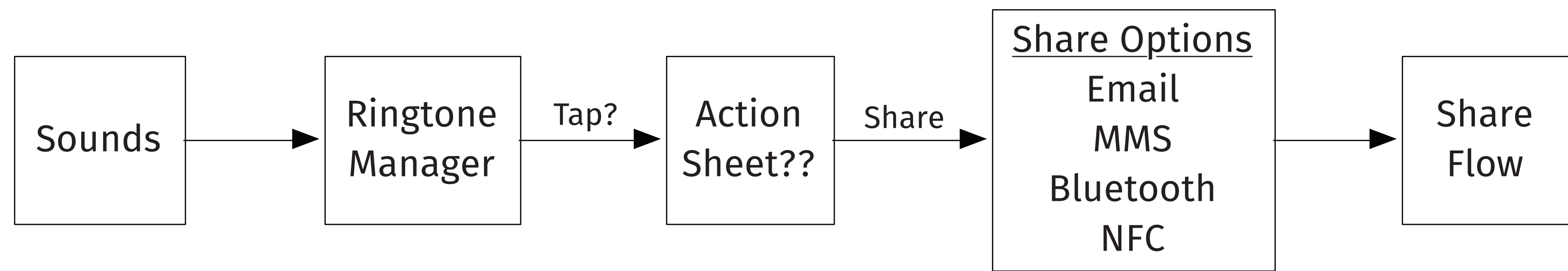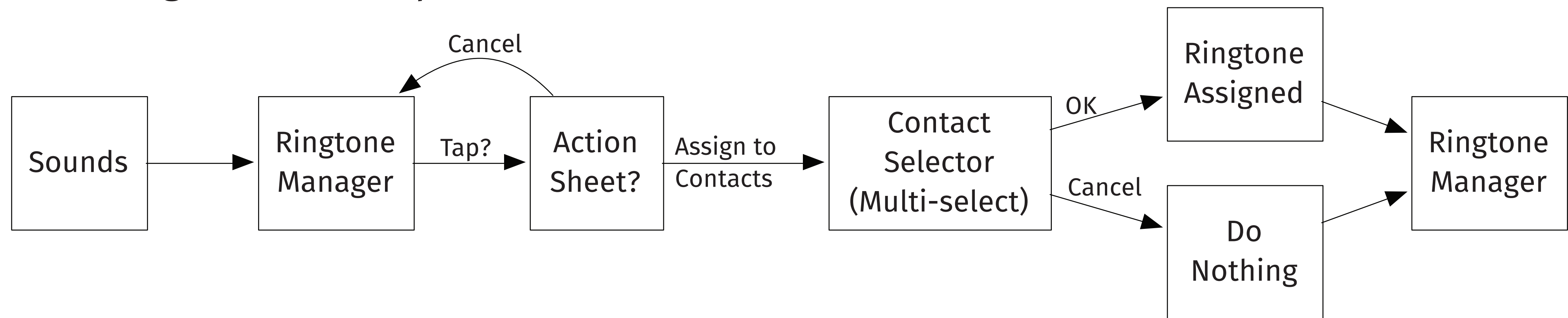
IA Diagrams

Manage Ringtone

Sounds → Ringtone Manager

Ringtone Manager —Tap?→ Action Sheet?
Delete
Share
Assign to Contacts?

Action Sheet? —Cancel→ Ringtone Manager

Action Sheet? → see appropriate flow for more details

Ringtone Manager → Create (see flow)

Ringtone Manager —Tap?→ Play

Create Ringtone

Sounds → Ringtone Manager —New→ Source Selector → Choose Song/File *App specific UI → Create —Save→ Save Banner

Source Selector —Cancel→ Ringtone Manager

Create —Cancel→ Choose Song/File *App specific UI

Delete Ringtone

Sounds → Ringtone Manager —Tap?→ Action Sheet?? —Delete→ Delete Confirmation —OK→ Delete Ringtone → Ringtone Manager

Delete Confirmation —Cancel→ Do Nothing → Ringtone Manager

*Anything (e.g. Alarm/Contact) that uses the ringtone deleted reverts to default ringtone

Share Ringtone

Sounds → Ringtone Manager —Tap?→ Action Sheet?? —Share→ Share Options
Email
MMS
Bluetooth
NFC
→ Share Flow

Add Ringtone to Multiple Contacts

Sounds → Ringtone Manager —Tap?→ Action Sheet? —Assign to Contacts→ Contact Selector (Multi-select) —OK→ Ringtone Assigned → Ringtone Manager

Action Sheet? —Cancel→ Ringtone Manager

Contact Selector (Multi-select) —Cancel→ Do Nothing → Ringtone Manager

Add Ringtone to Single Contact

Contact List → Detail → Edit → Ringtone Selector

Contact List → New Contact → Ringtone Selector

Ringtone Selector —OK→ Ringtone Assigned → Edit or New Screen

Ringtone Selector —Cancel→ Do Nothing → Edit or New Screen
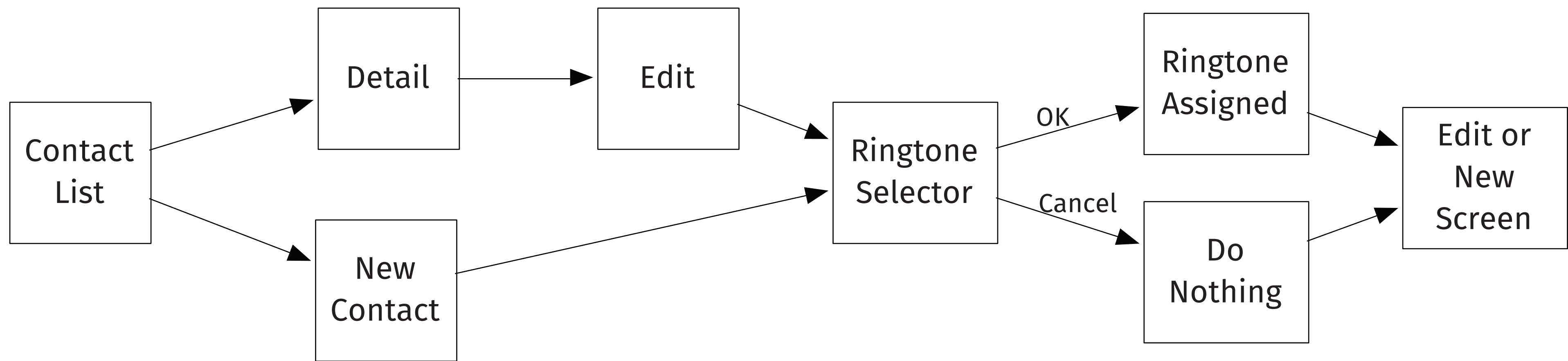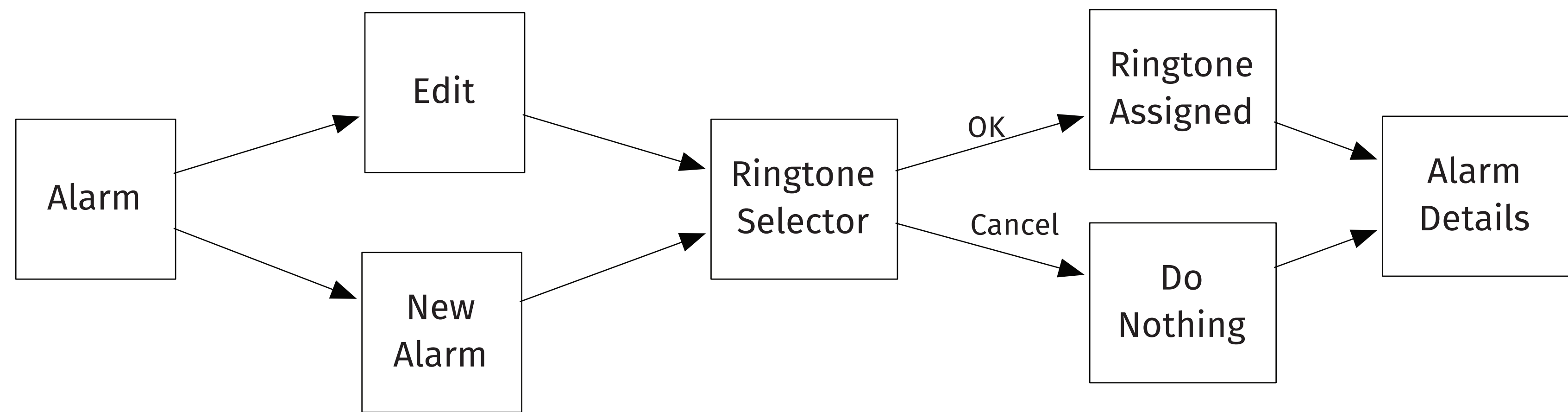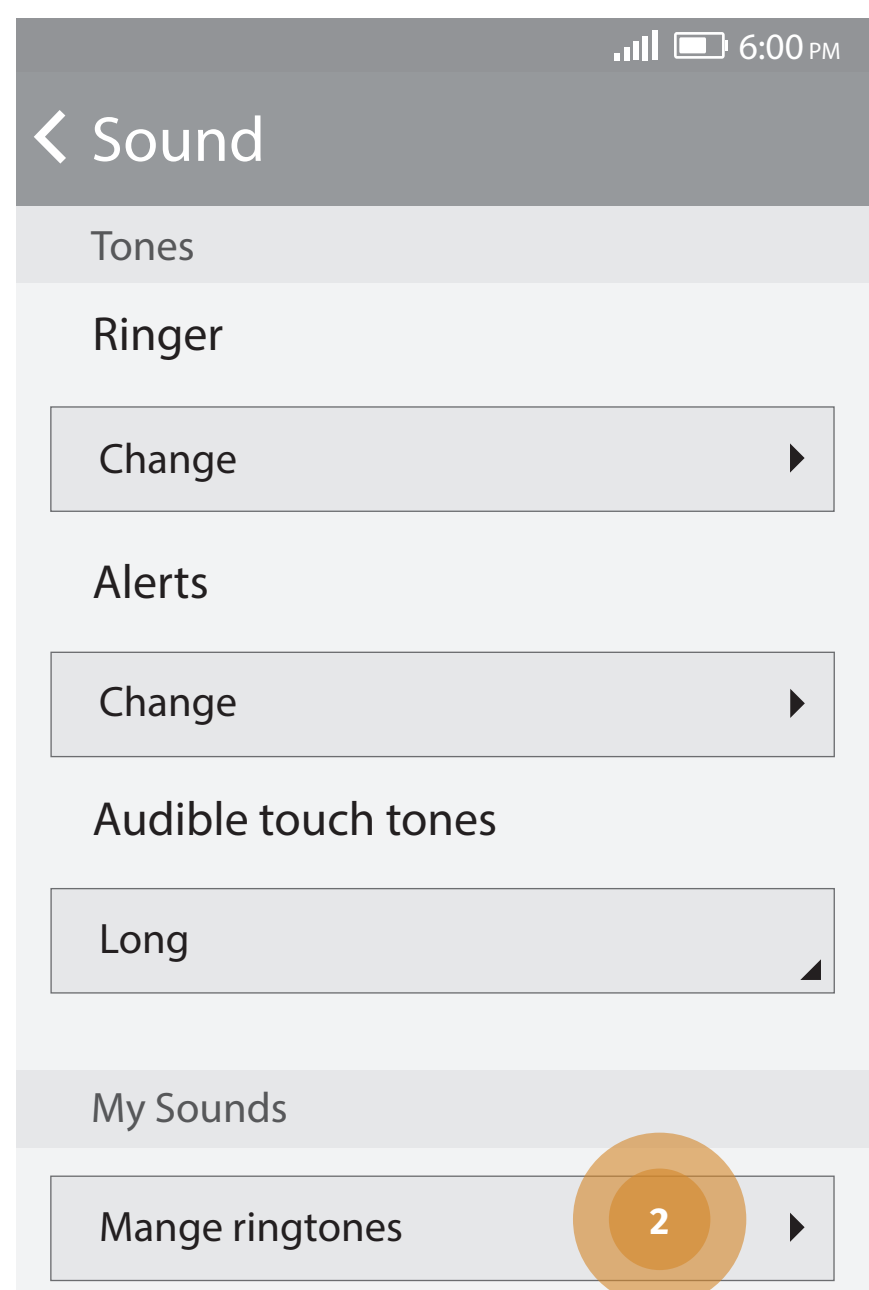
* Currently we don't have group functionality so ringtones can only be assigned individually.

Add Ringtone to an Alarm

Alarm → Edit → Ringtone Selector

Alarm → New Alarm → Ringtone Selector

Ringtone Selector —OK→ Ringtone Assigned → Alarm Details

Ringtone Selector —Cancel→ Do Nothing → Alarm Details

Ringtones in Settings

Manage Ringtones

1. Settings -> Sounds

‹ Sound

Tones

Ringer

Change ▶

Alerts

Change ▶

Audible touch tones

Long ◢

My Sounds

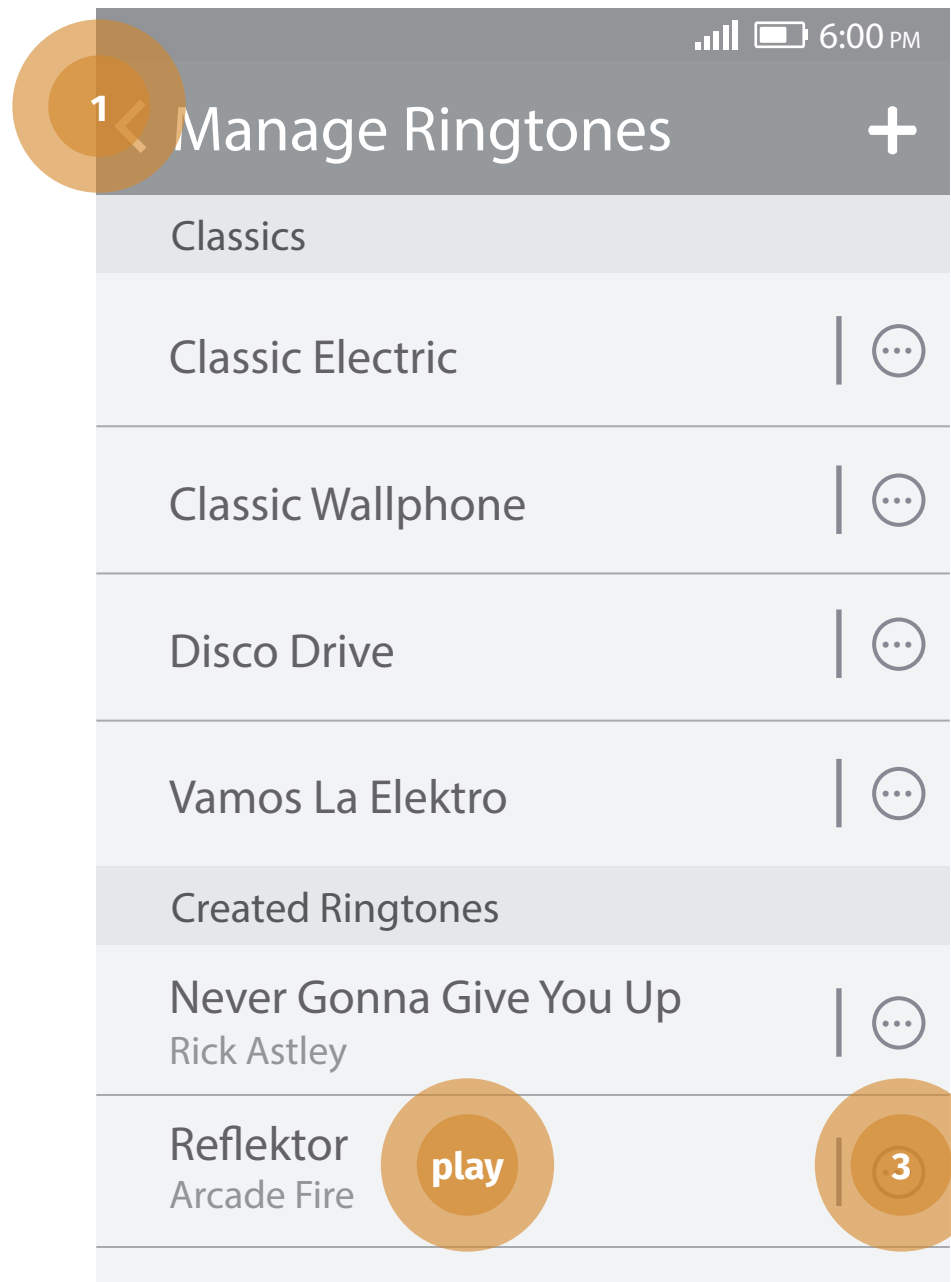Mange ringtones ▶

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

**Final Strings TBD - check capitalization**

2. Ringtone List

Manage Ringtones ＋

Classics

Classic Electric ┆ ⋯

Classic Wallphone ┆ ⋯

Disco Drive ┆ ⋯

Vamos La Elektro ┆ ⋯

Created Ringtones

Never Gonna Give You Up
Rick Astley ┆ ⋯

Reflektor
Arcade Fire **play** ┆ ③

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.

Tapping back returns to the Sound Setting page.

3. Additional Options Action Menu

○ Assign to Contacts

○ Share Ringtone

○ Delete Ringtone
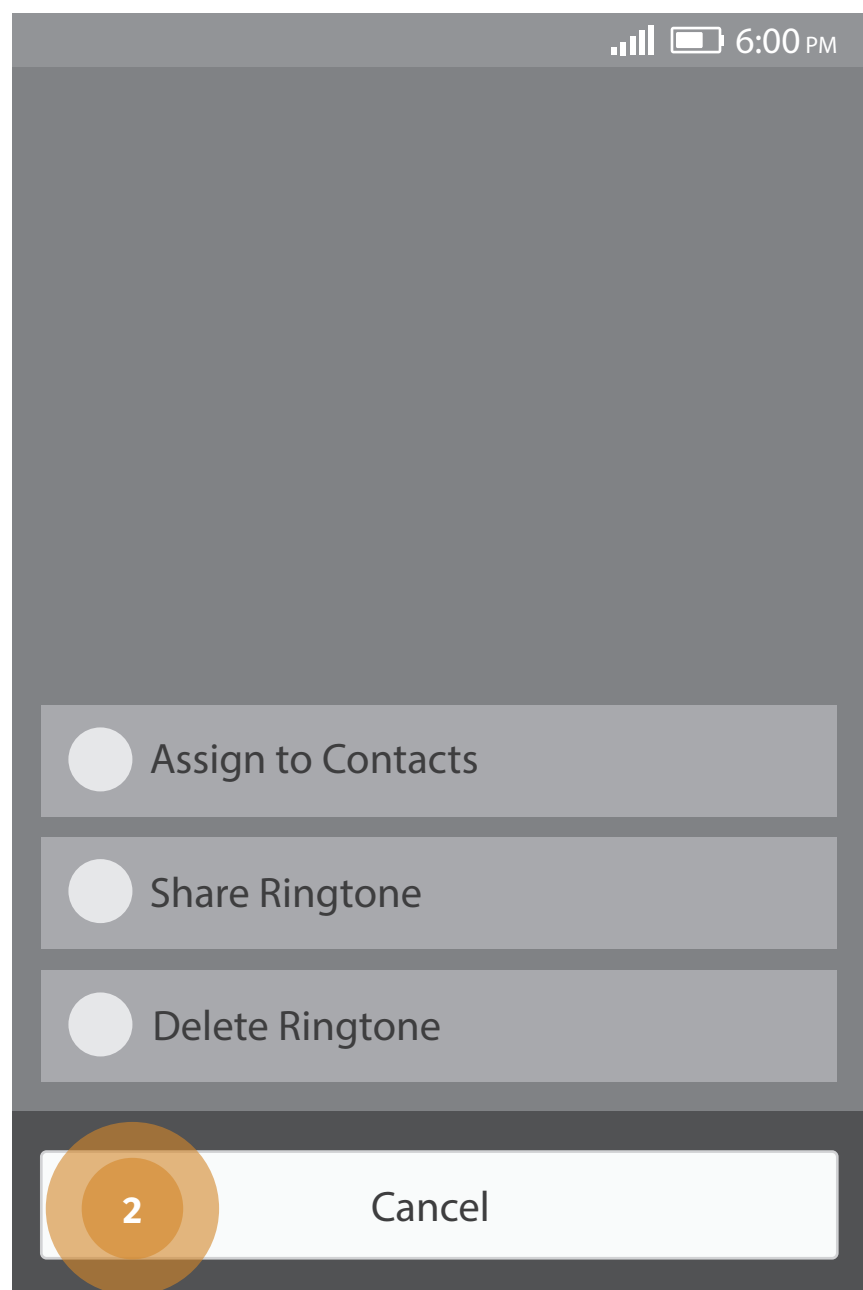
Cancel

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.
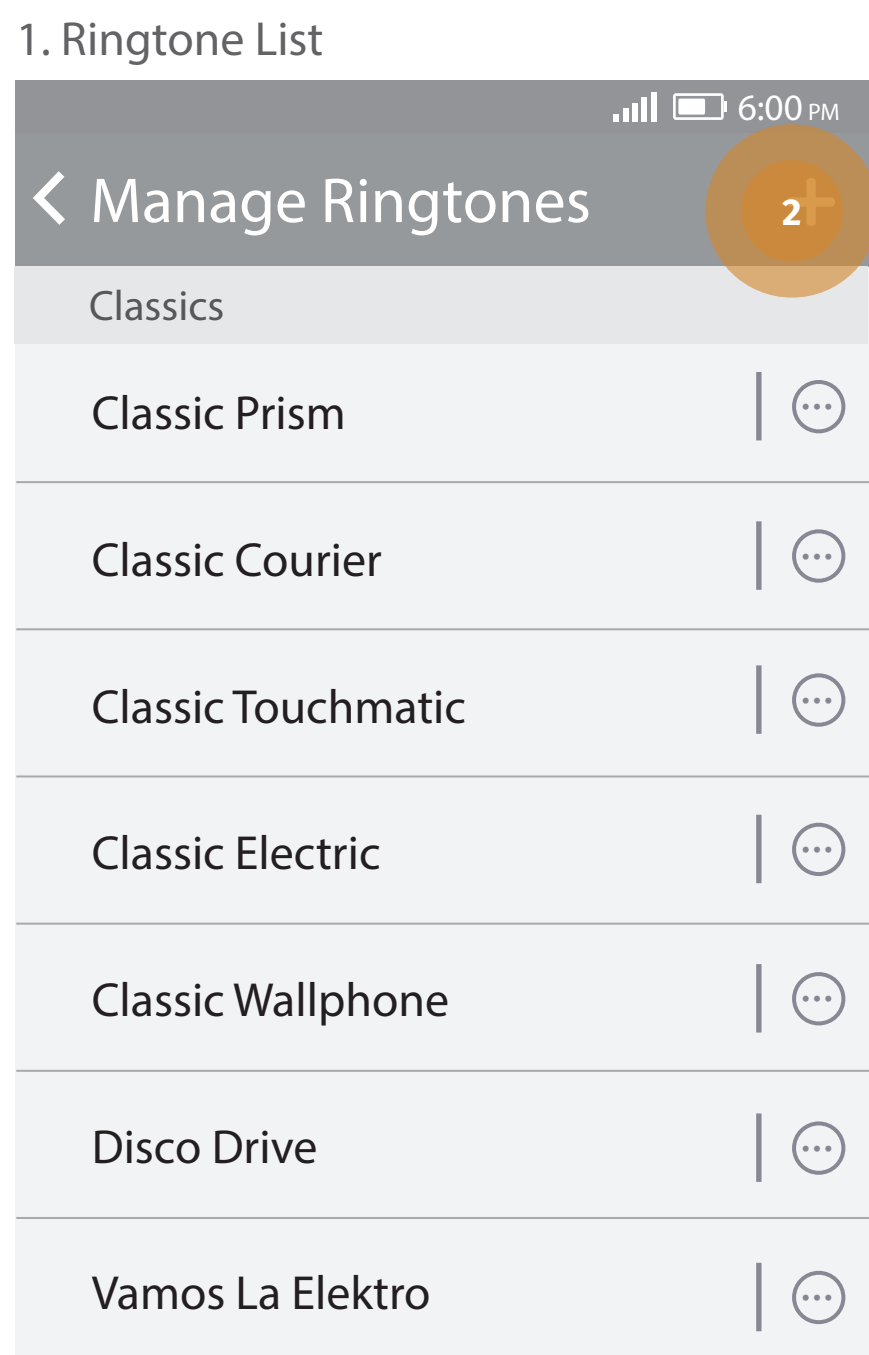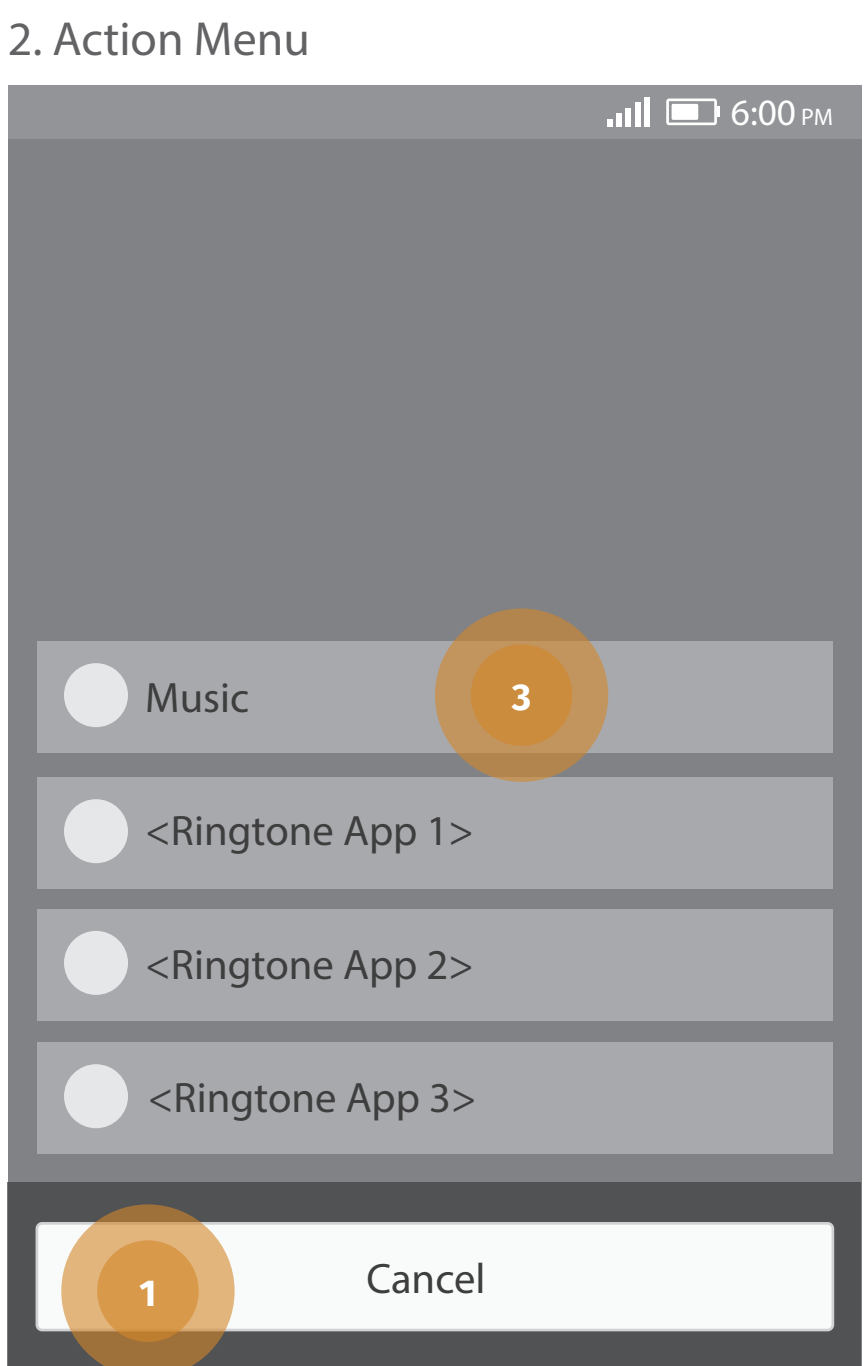
Ordering is TBD

ACTION FLOWS

→

See following pages for flows regarding these actions.
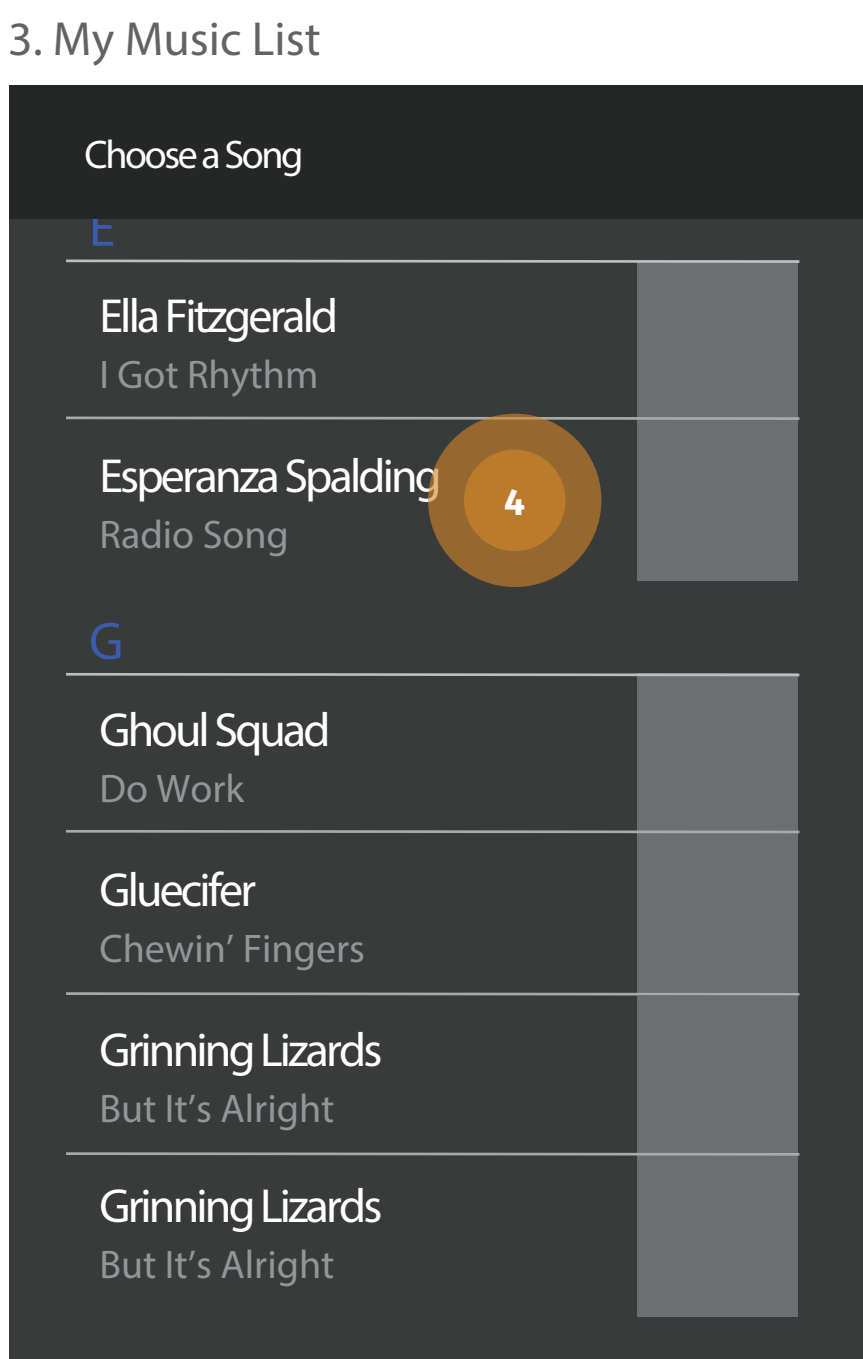
New Ringtone - No Editing/Cropping

1. Ringtone List

Manage Ringtones 2

Classics

Classic Prism ⋯

Classic Courier ⋯

Classic Touchmatic ⋯

Classic Electric ⋯

Classic Wallphone ⋯

Disco Drive ⋯

Vamos La Elektro ⋯

Ringtone list.

2. Action Menu

○ Music 3

○ <Ringtone App 1>

○ <Ringtone App 2>

○ <Ringtone App 3>

1 Cancel

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.

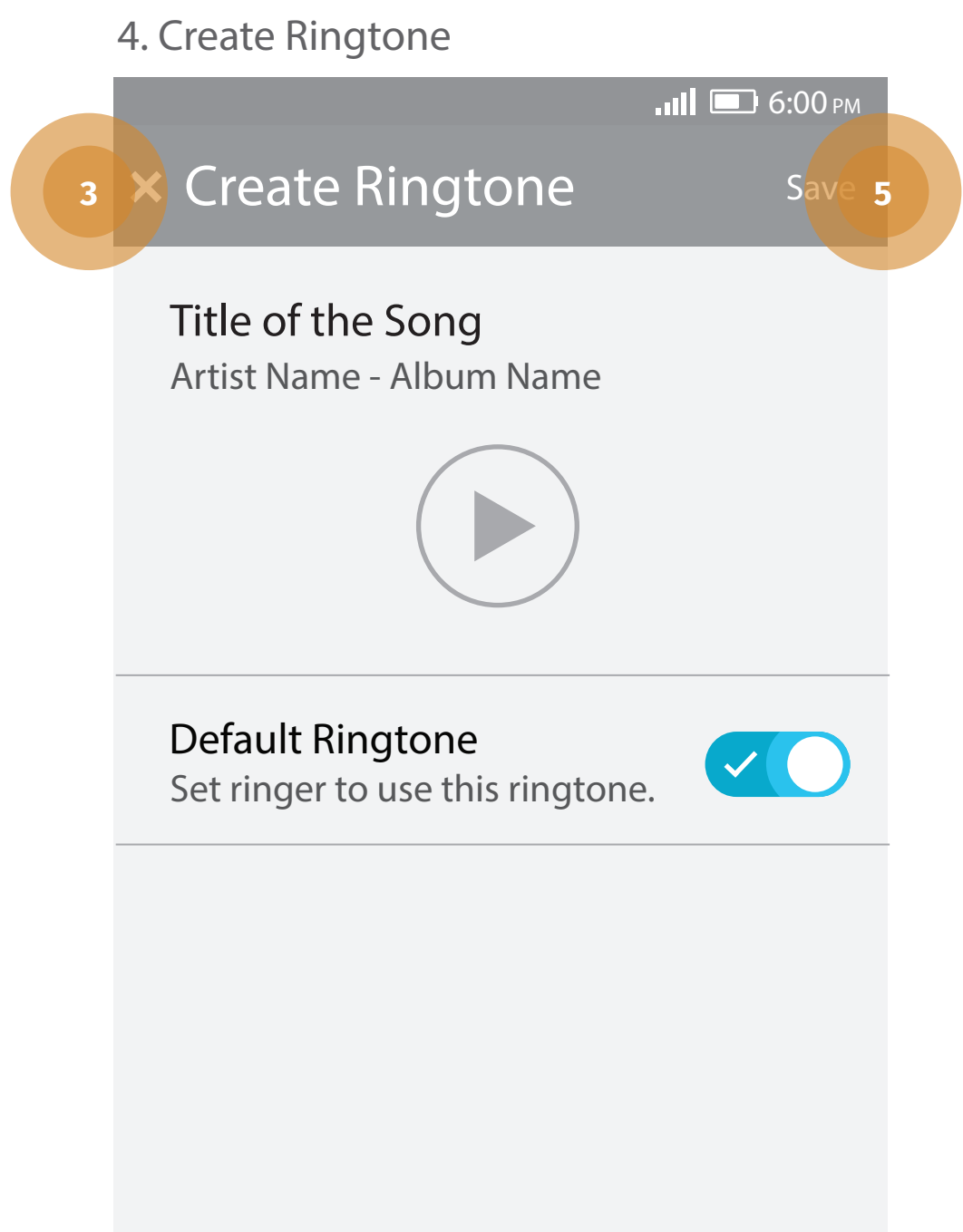If My Music is the only source, this step should be skipped.

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.

3. My Music List

Choose a Song

E

Ella Fitzgerald
I Got Rhythm

Esperanza Spalding 4
Radio Song

G

Ghoul Squad
Do Work

Gluecifer
Chewin' Fingers

Grinning Lizards
But It's Alright

Grinning Lizards
But It's Alright

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

This UI is provided by the app.

4. Create Ringtone

3 × **Create Ringtone** Save 5

Title of the Song
Artist Name - Album Name

▶

Default Ringtone
Set ringer to use this ringtone. ✓

Tapping a song selects the song to create the ringtone.

The user can see the song information to confirm the selection and also play the song.
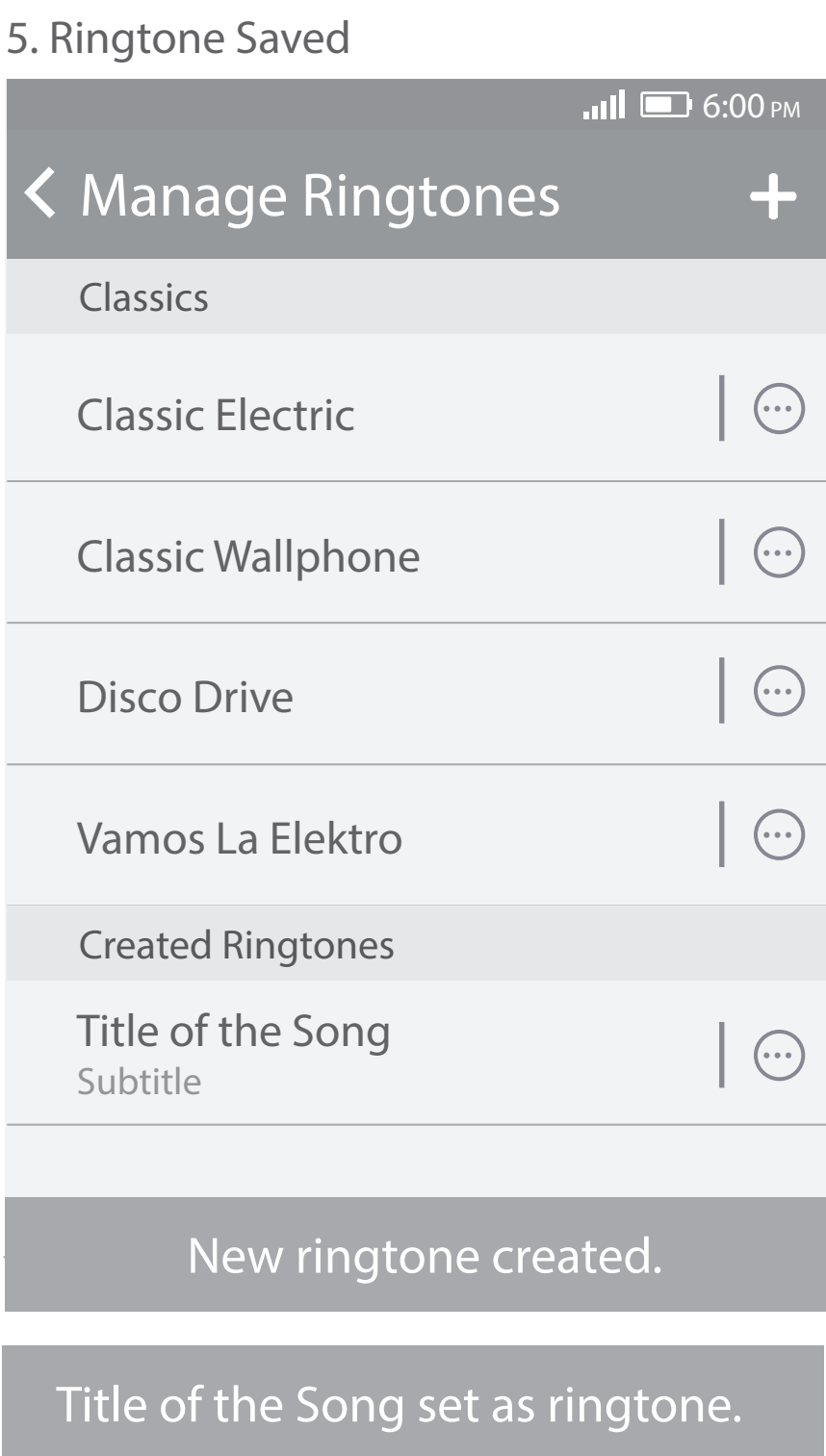
The user also has the option to make the ringtone they are creating the default ringtone. This option is defaulted to checked.

The title of the song or filename becomes the ringtone name. If the 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.

Cancel should go back to song/file selection.

strings TBD

5. Ringtone Saved

Manage Ringtones +

Classics

Classic Electric ⋯

Classic Wallphone ⋯

Disco Drive ⋯

Vamos La Elektro ⋯

Created Ringtones

Title of the Song
Subtitle ⋯

New ringtone created.

Title of the Song set as ringtone.

Tapping save creates and saves the ringtone. The user is returned to the ringtone list, which is updated with the new ringtone.
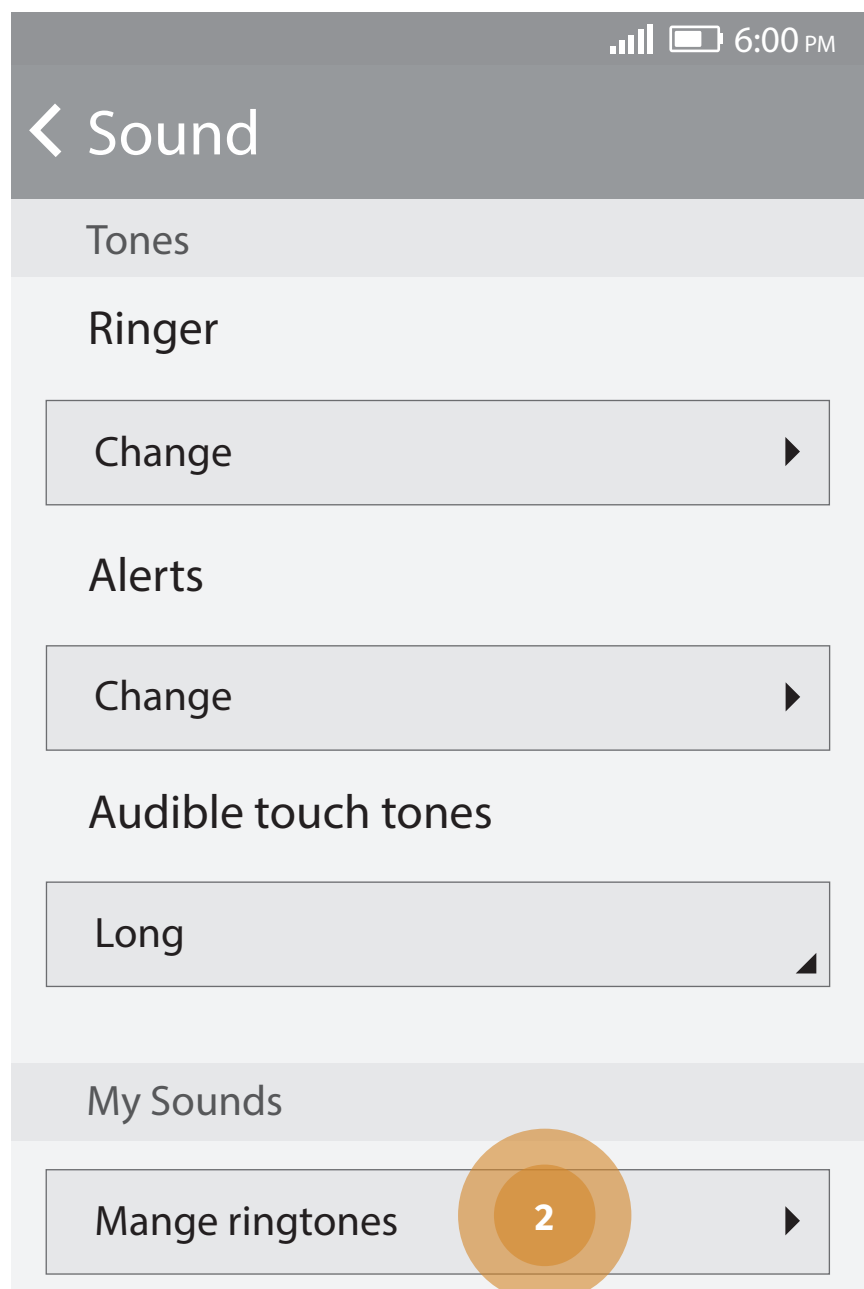
If the user created section didn't appear previously, it should now appear.

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).
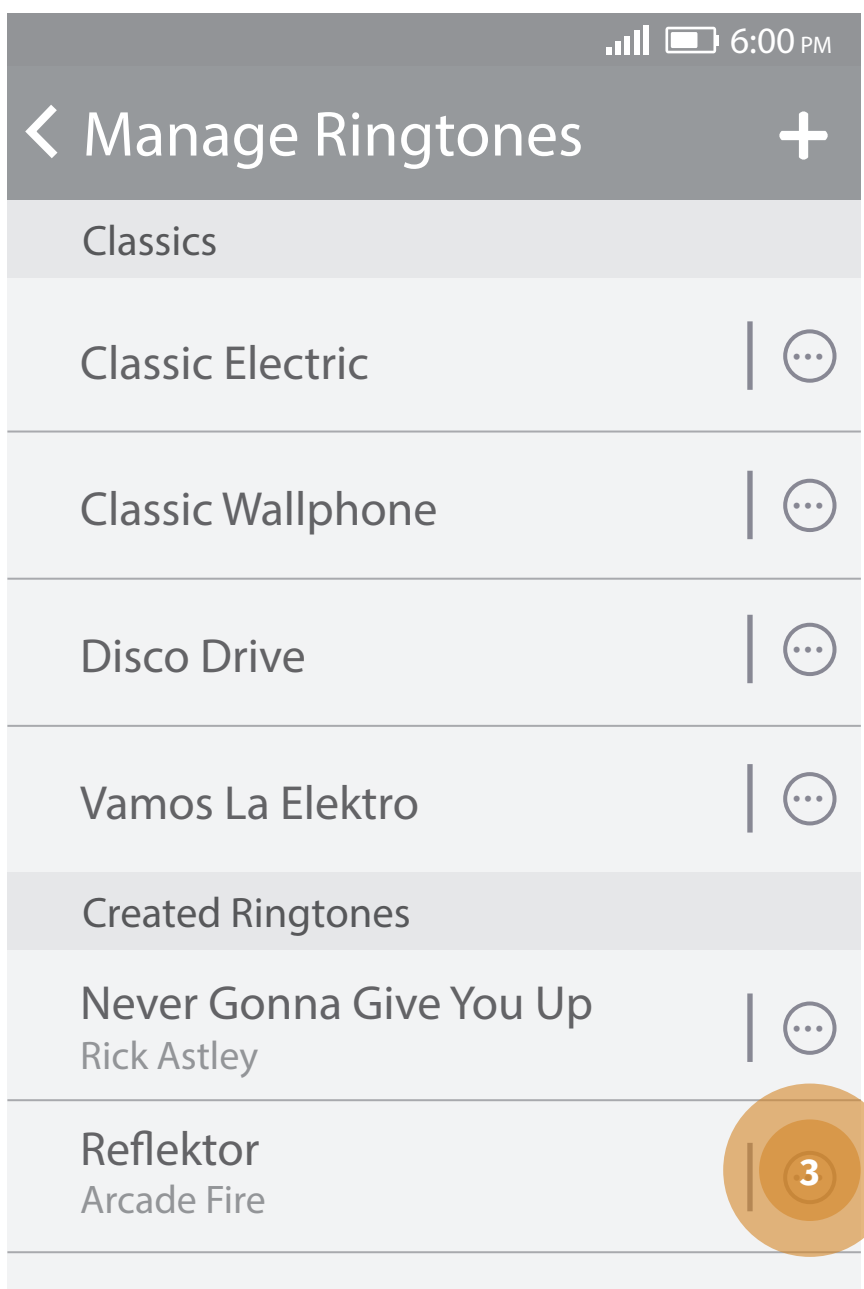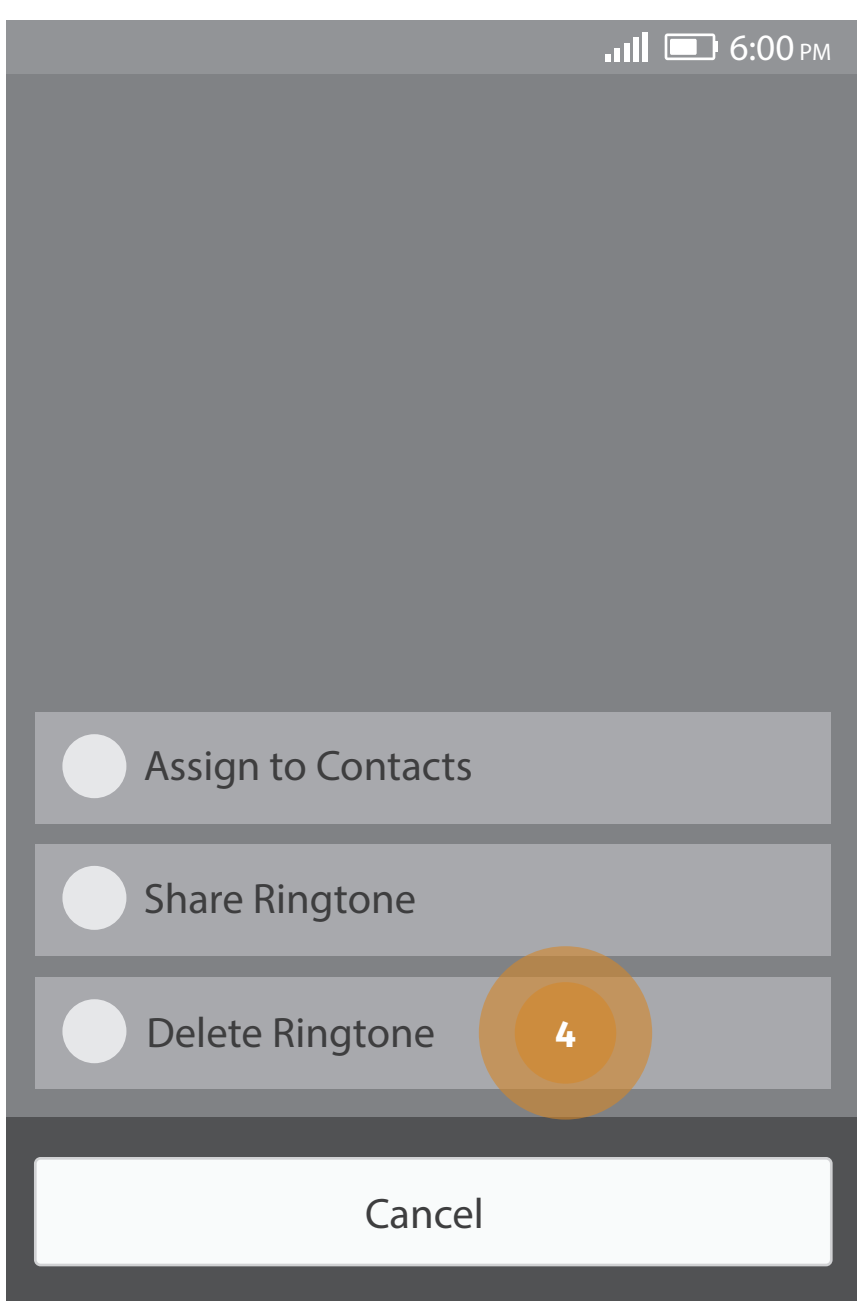
strings TBD

Delete Ringtone

1. Settings->Sounds

Sound settings.

2. Ringtone List

Ringtone list.

3. Action Menu

Additional actions the user can take on the ringtone.
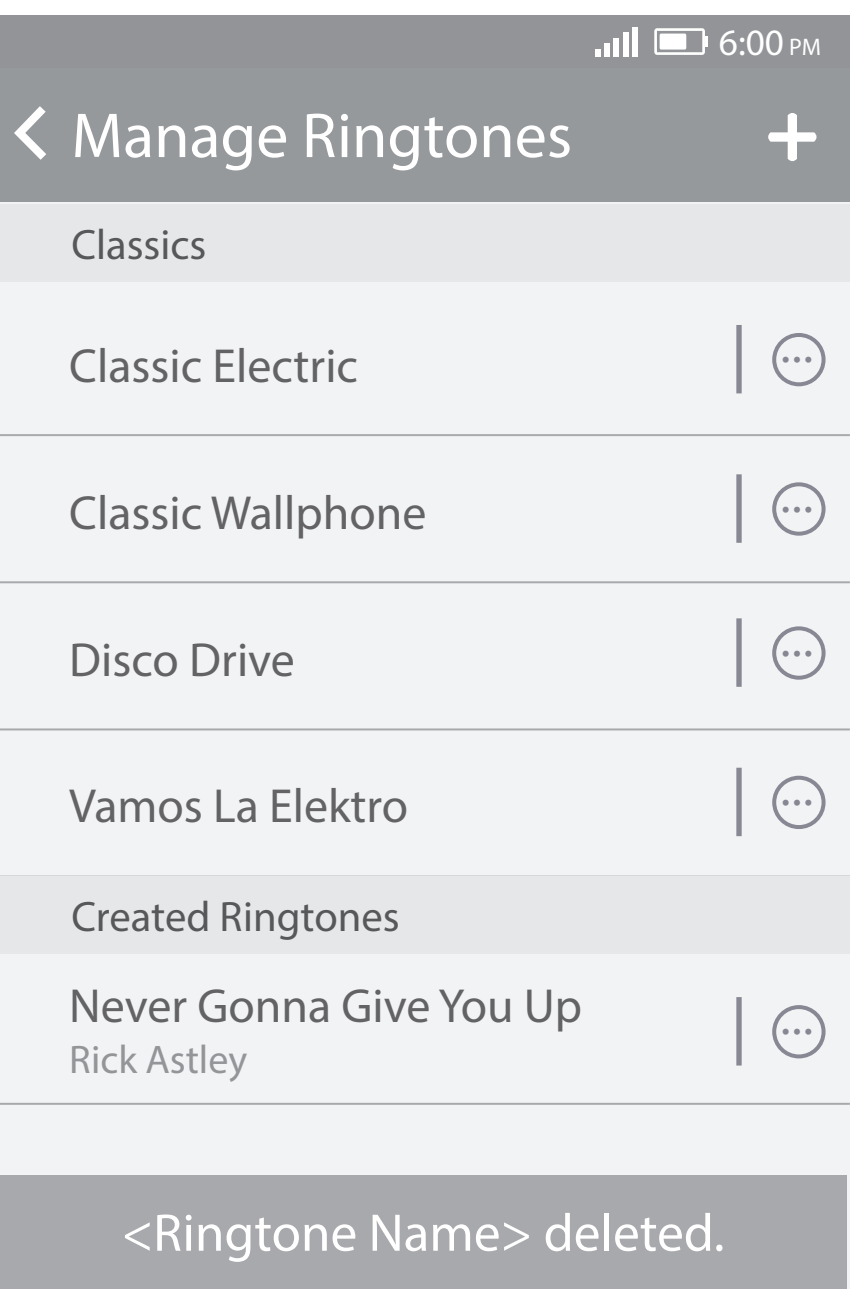
4. Delete Ringtone

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.

strings TBD

5. Ringtone Deleted

The ringtone is deleted and the list is updated to remove the ringtone.
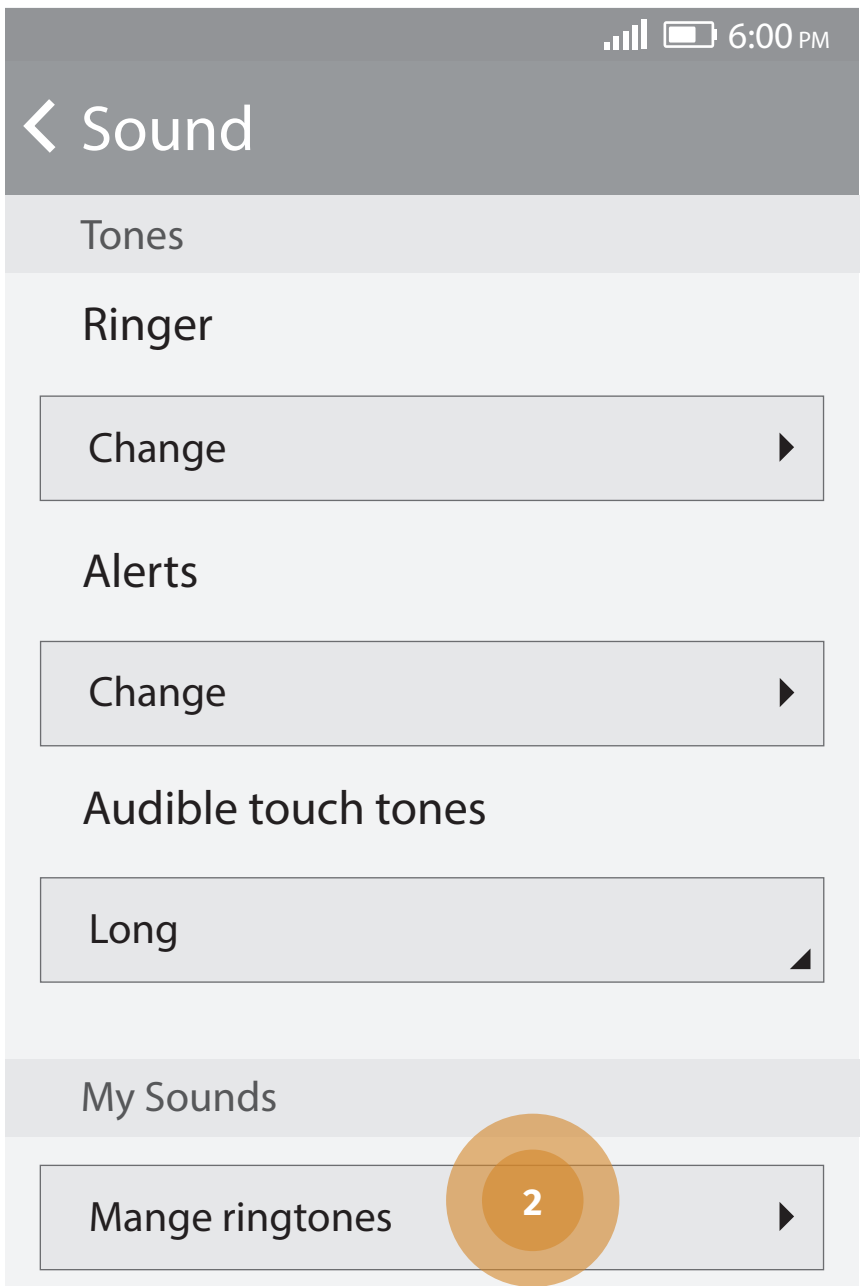
A banner is also shown to confirm the save.

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.

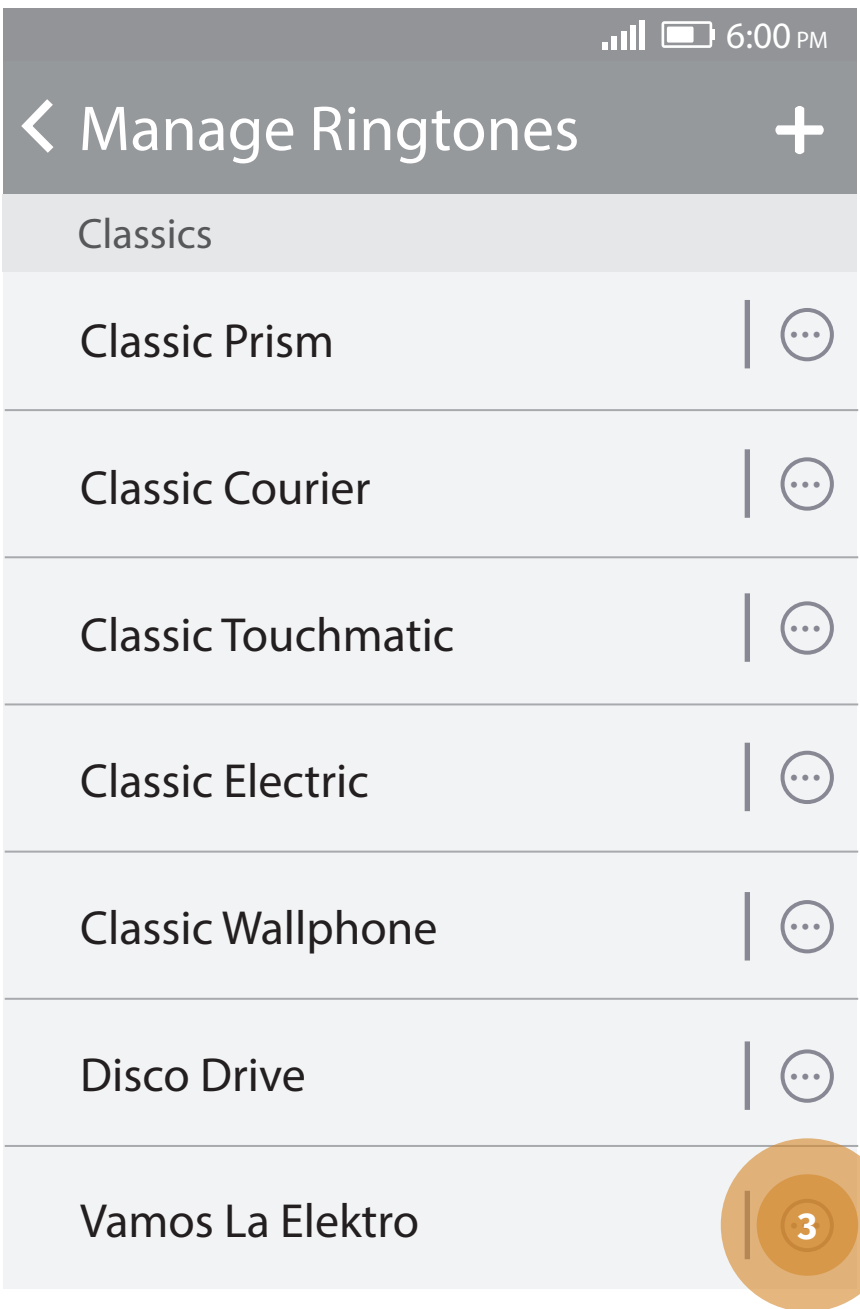**If Contacts/Alarm user stories are implemented, this must be resolved.**
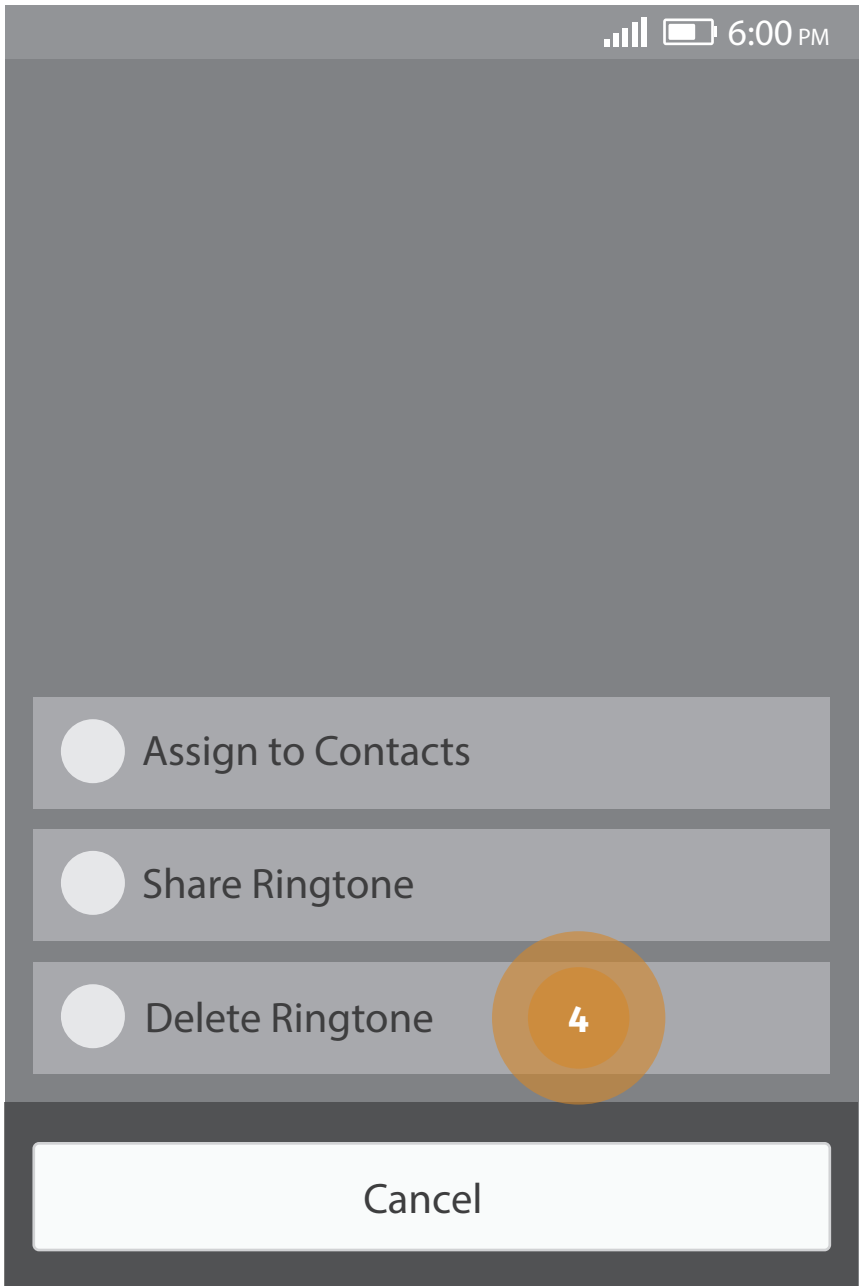
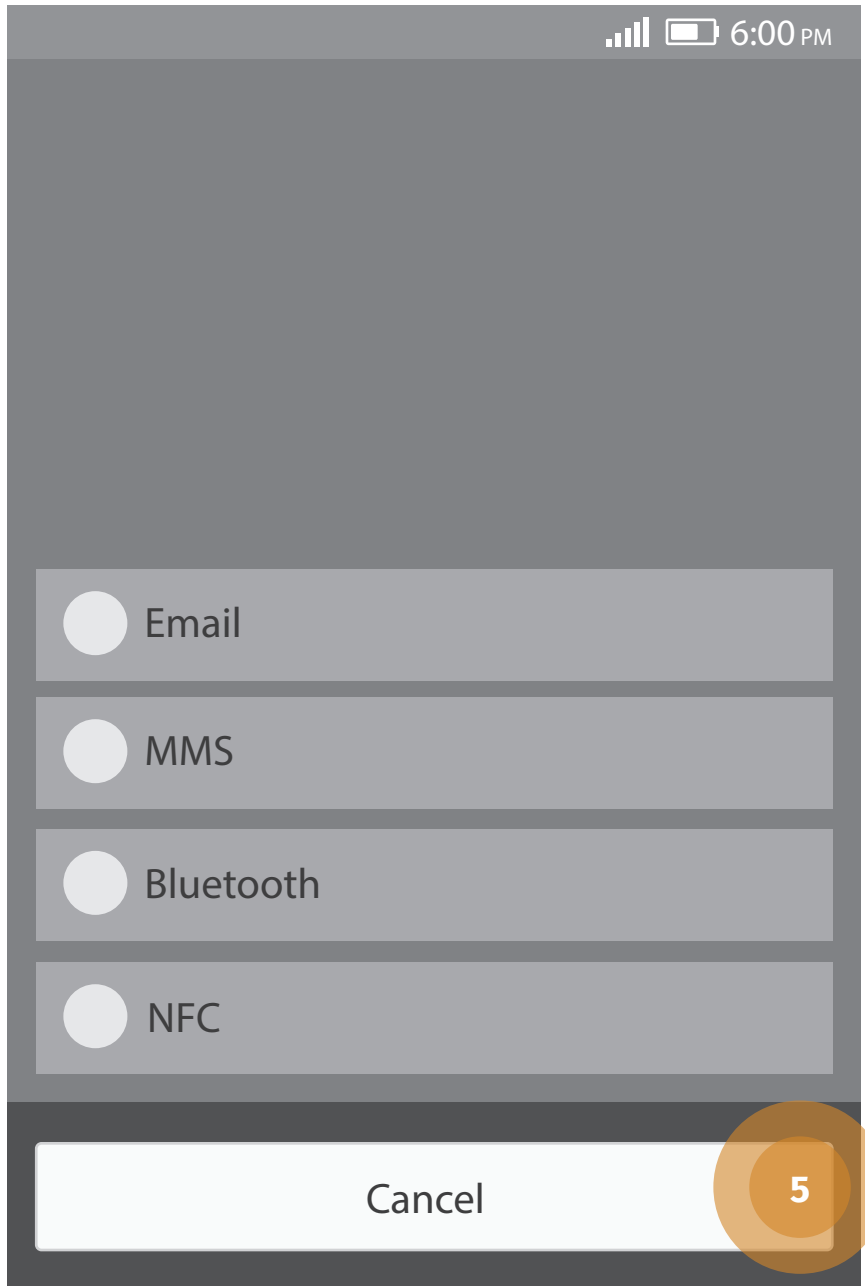# Share Ringtone

1. Settings->Sounds

‹ Sound   📶 🔋 6:00 PM

Tones

Ringer

| Change | ▶ |

Alerts

| Change | ▶ |

Audible touch tones

| Long | ◢ |

My Sounds

| Mange ringtones   (2) | ▶ |

Sound settings.

2. Ringtone List

‹ Manage Ringtones   +   📶 🔋 6:00 PM

Classics

Classic Prism	⋯
Classic Courier	⋯
Classic Touchmatic	⋯
Classic Electric	⋯
Classic Wallphone	⋯
Disco Drive	⋯
Vamos La Elektro	(3)

Ringtone list.

3. Action Menu

📶 🔋 6:00 PM

○ Assign to Contacts

○ Share Ringtone

○ Delete Ringtone   (4)

Cancel

Additional actions the user can take on the ringtone.

4. Share Action Menu

📶 🔋 6:00 PM

○ Email

○ MMS

○ Bluetooth

○ NFC

Cancel   (5)

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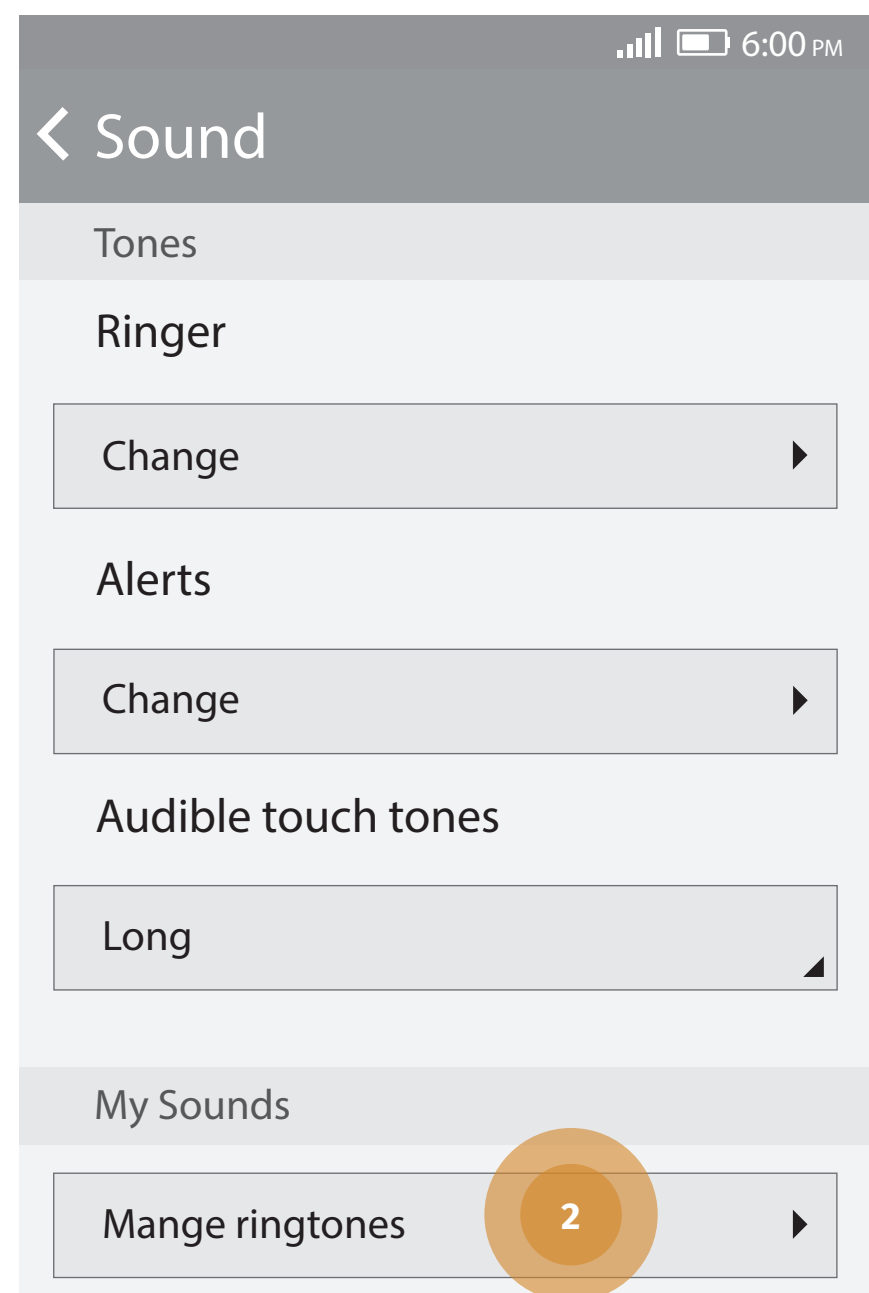
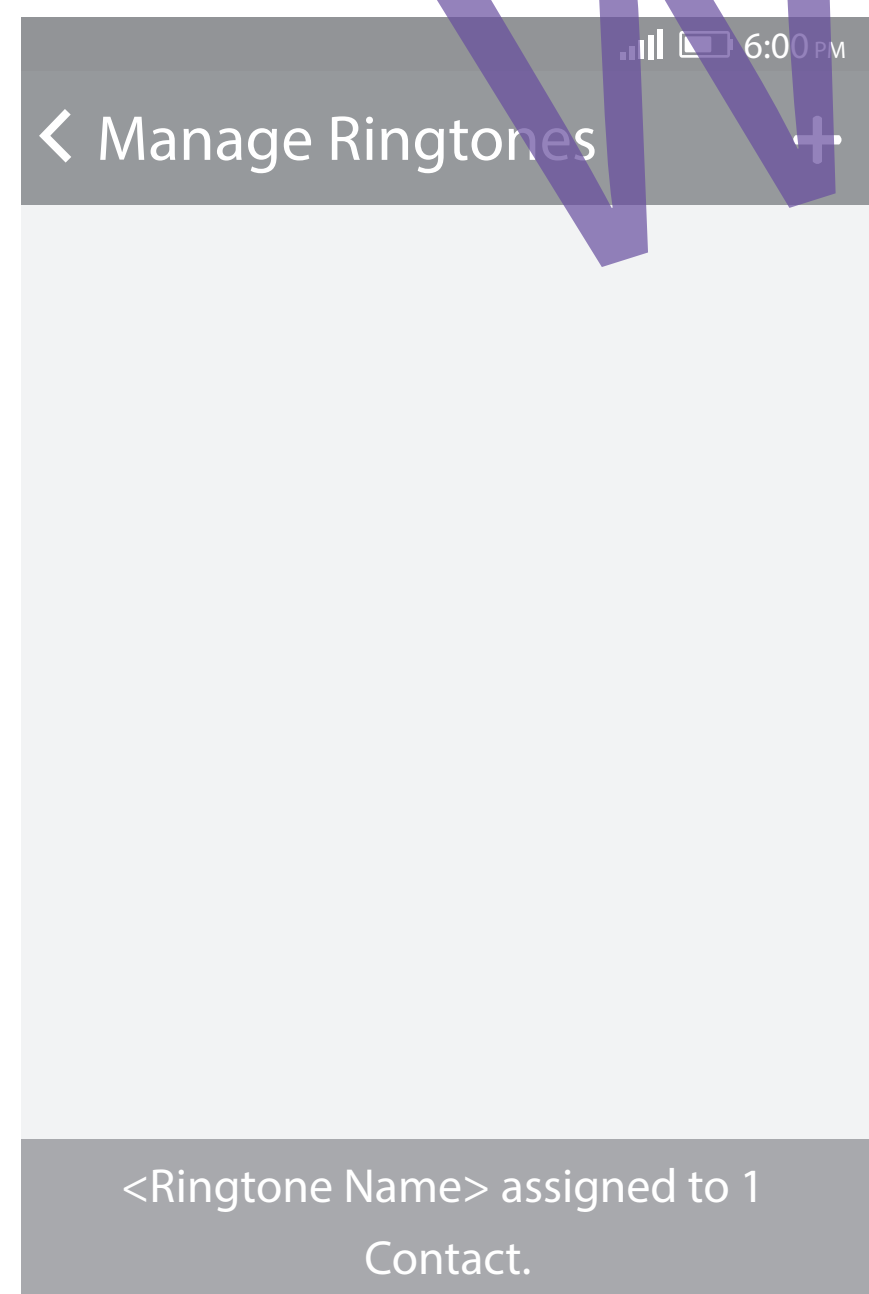## SHARE FLOW

→

Use current UI/flows for sharing options.

Firefox OS

Assign Ringtone to Multiple Contacts

1. Settings->Sounds

Sound settings.

2. Ringtone List

Ringtone list.

3. Action Menu

Additional actions the user can take on the ringtone.

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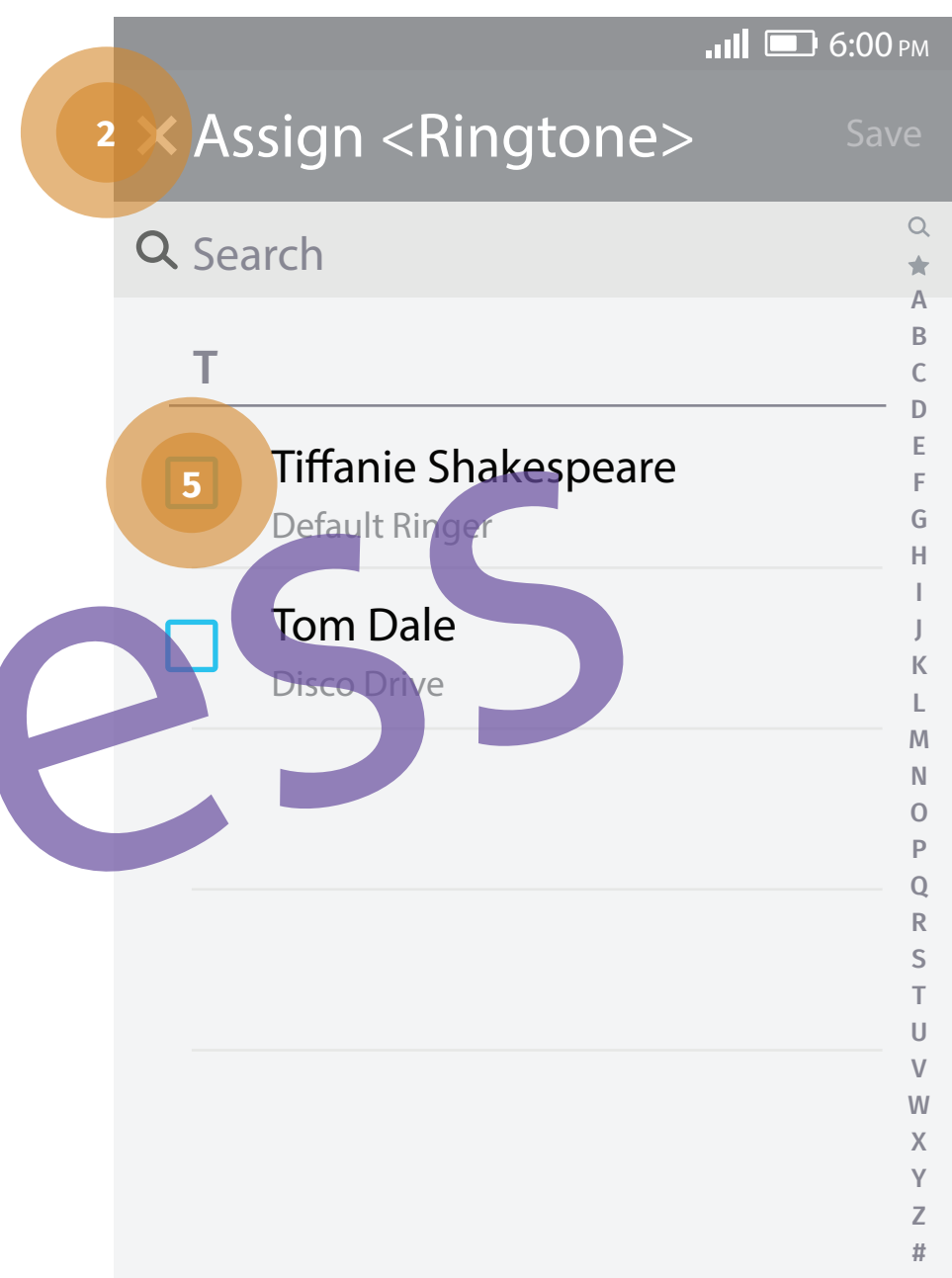
Tapping shows a picker where the user can choose many people to assign the ringtone. Search and quick jump should be available to help the user quickly find people.

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.
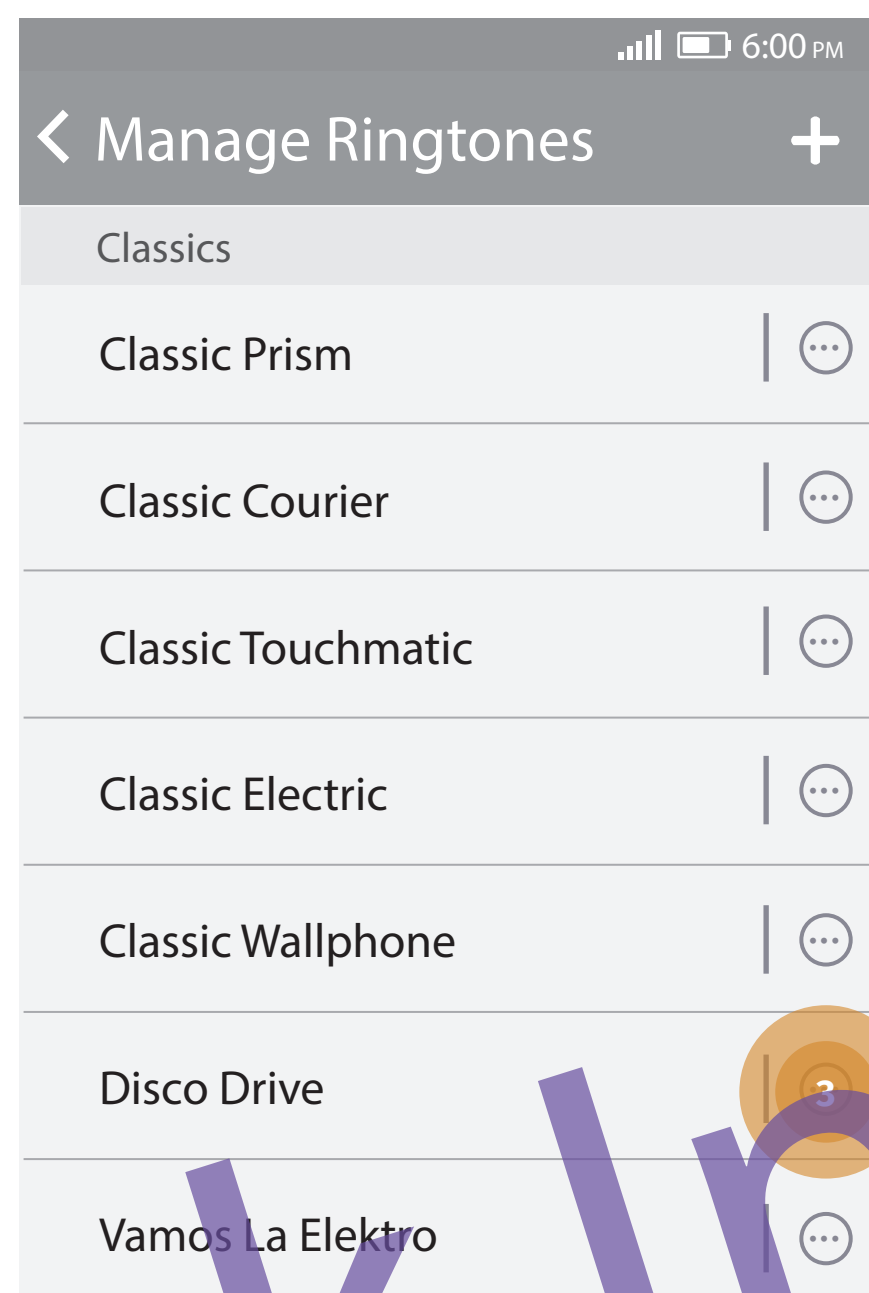
6. Ringtones Set

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

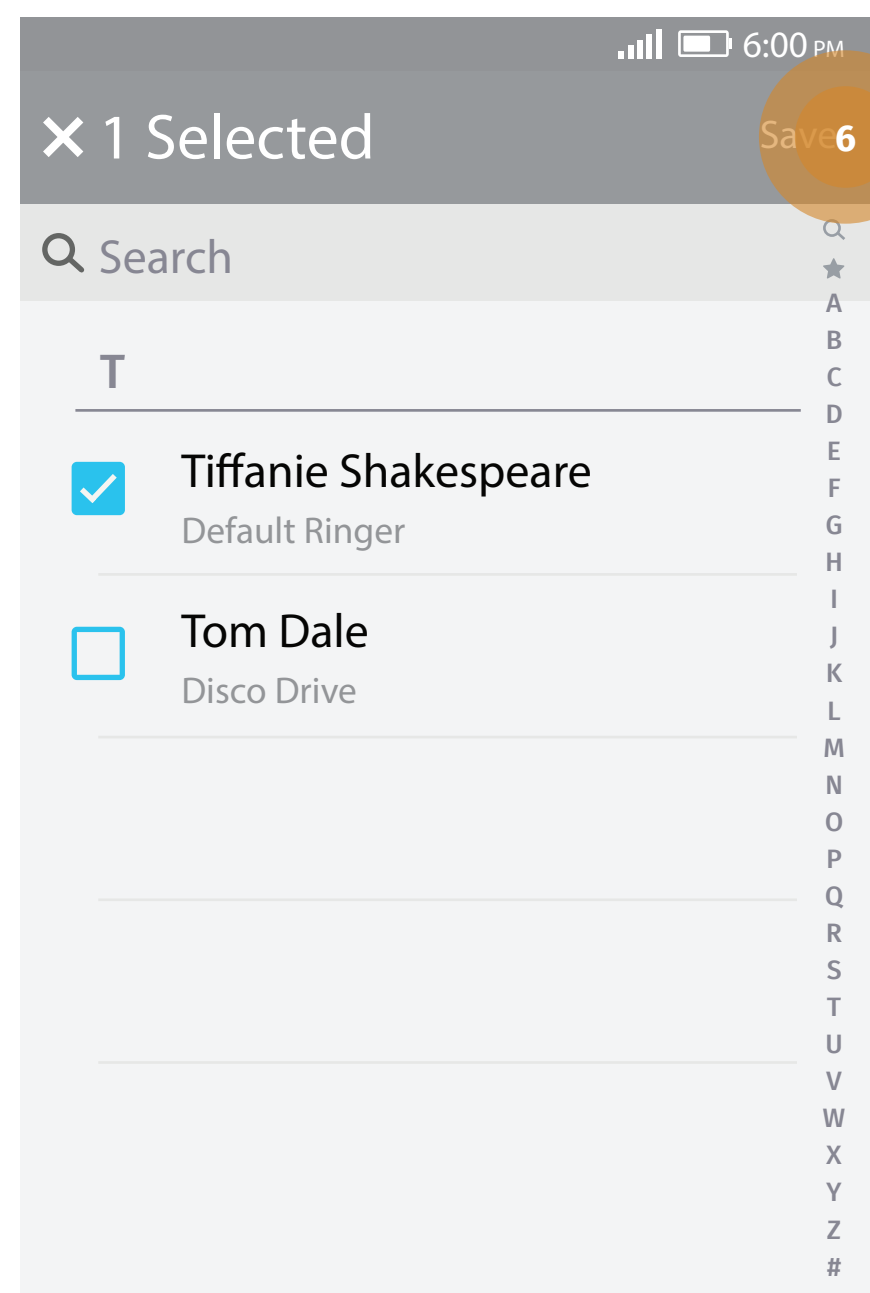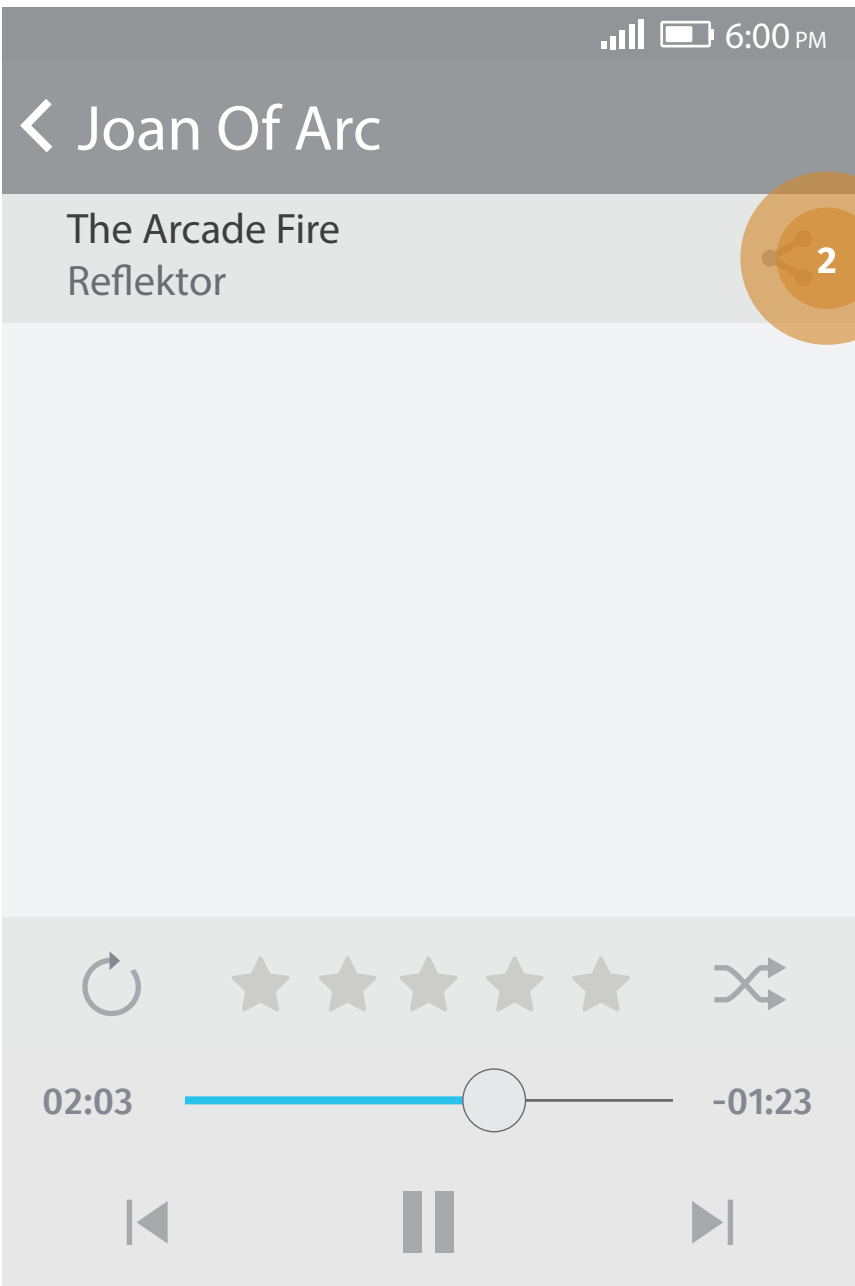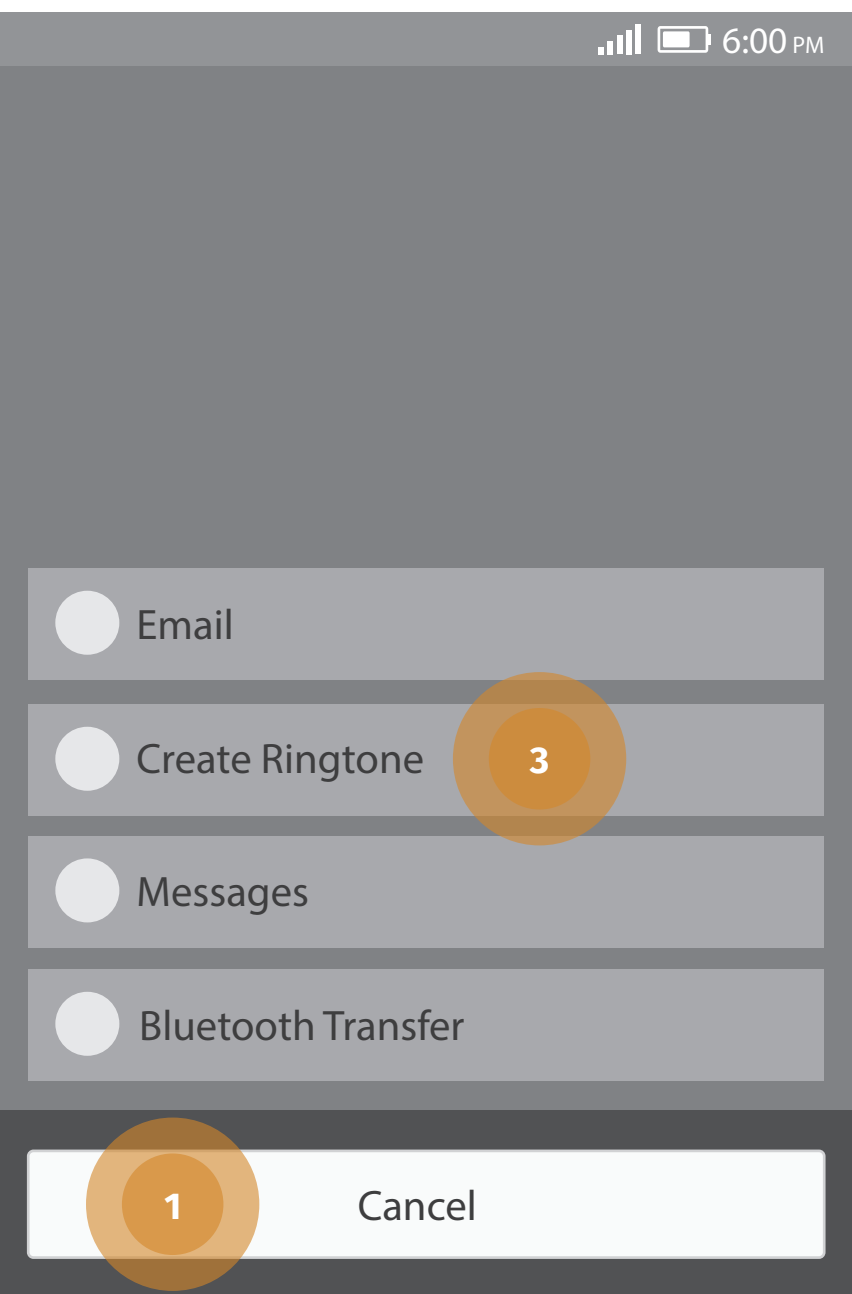The user is returned to the ringtone list and a confirmation banner is shown.

Work In Progress

Firefox OS

Other Apps & Ringtones

New Ringtone - From Music App

1. Music App - Now Playing

‹ Joan Of Arc

The Arcade Fire
Reflektor

02:03 —————————————— -01:23

Current music app - now playing view.

2. Action Menu

○ Email

○ Create Ringtone

○ Messages
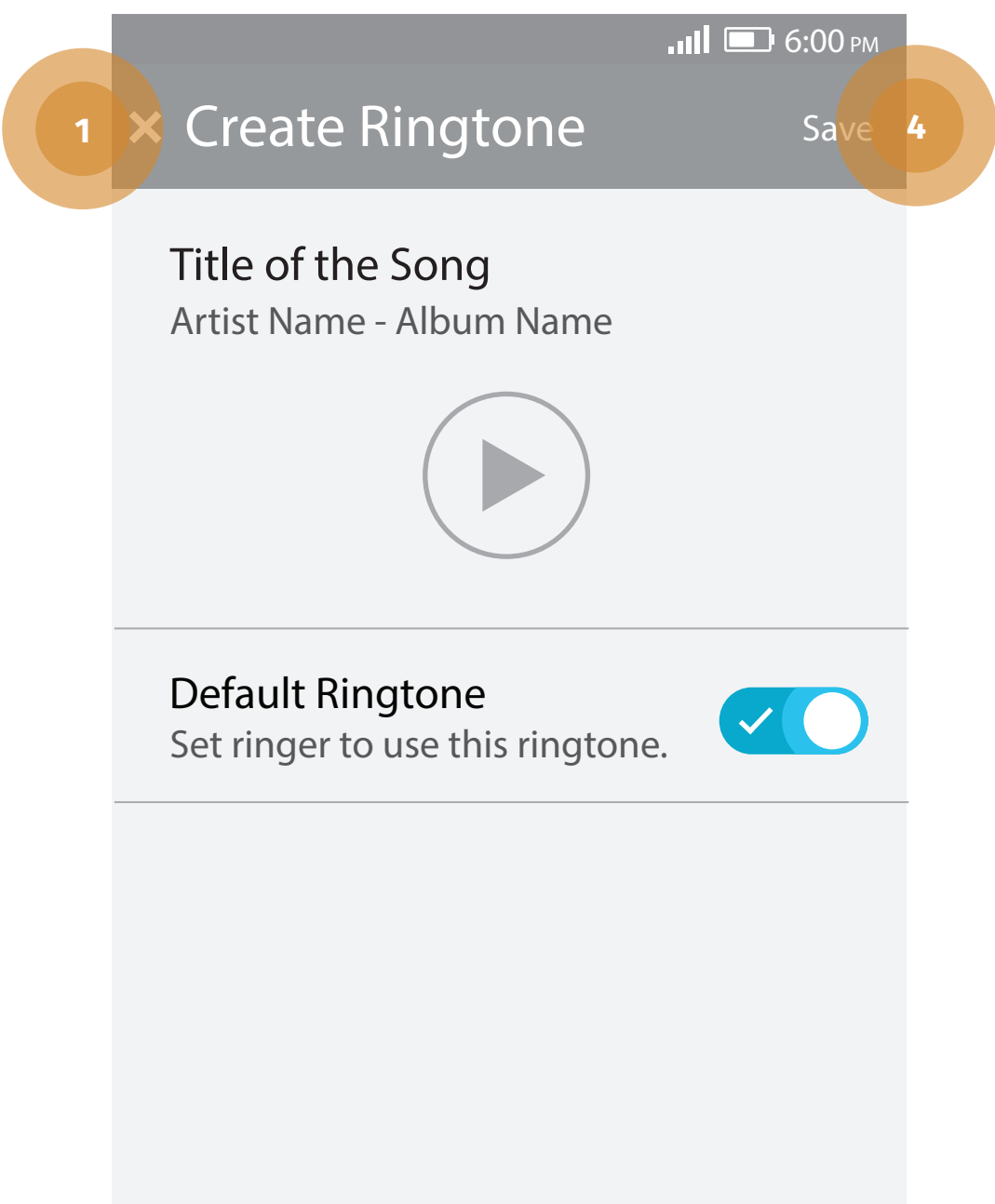
○ Bluetooth Transfer

Cancel

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

✕ Create Ringtone   Save

Title of the Song
Artist Name - Album Name

▶

Default Ringtone
Set ringer to use this ringtone.

Same behaviours/UI as the create new ringtone flow.

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

strings TBD

4. Music App - Now Playing

‹ Joan Of Arc

The Arcade Fire
Reflektor

02:03 —————————————— -01:23

Title of the Song set as ringtone.

New ringtone created.

Same behaviours/UI as the create new ringtone flow.

strings TBD

New Ringtone - From Download Manager

1. Download Manager
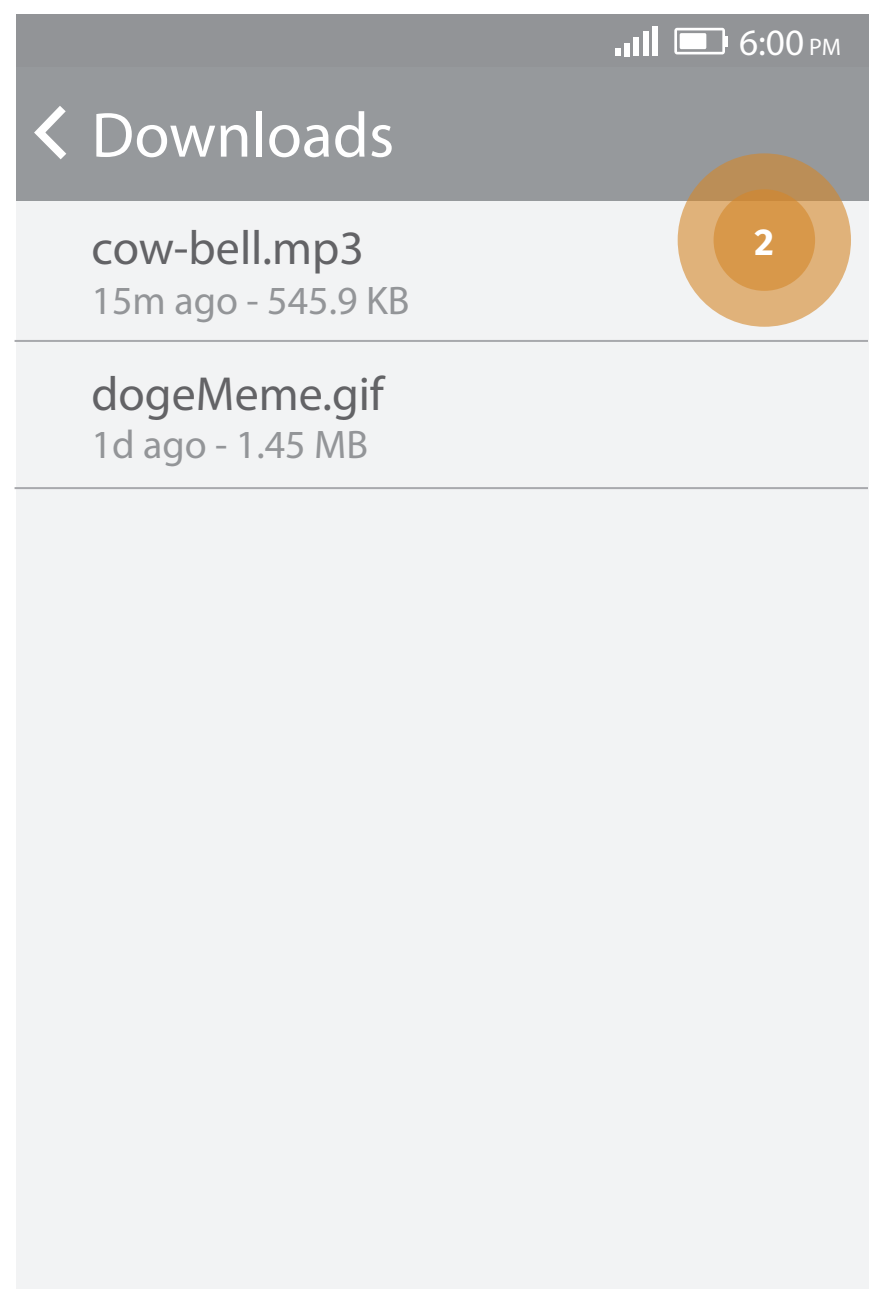
Download manager

2. Action Menu

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

One of these options is share.

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

final order TBD

3. Create Ringtone

Tapping share shows an action menurevealing 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.

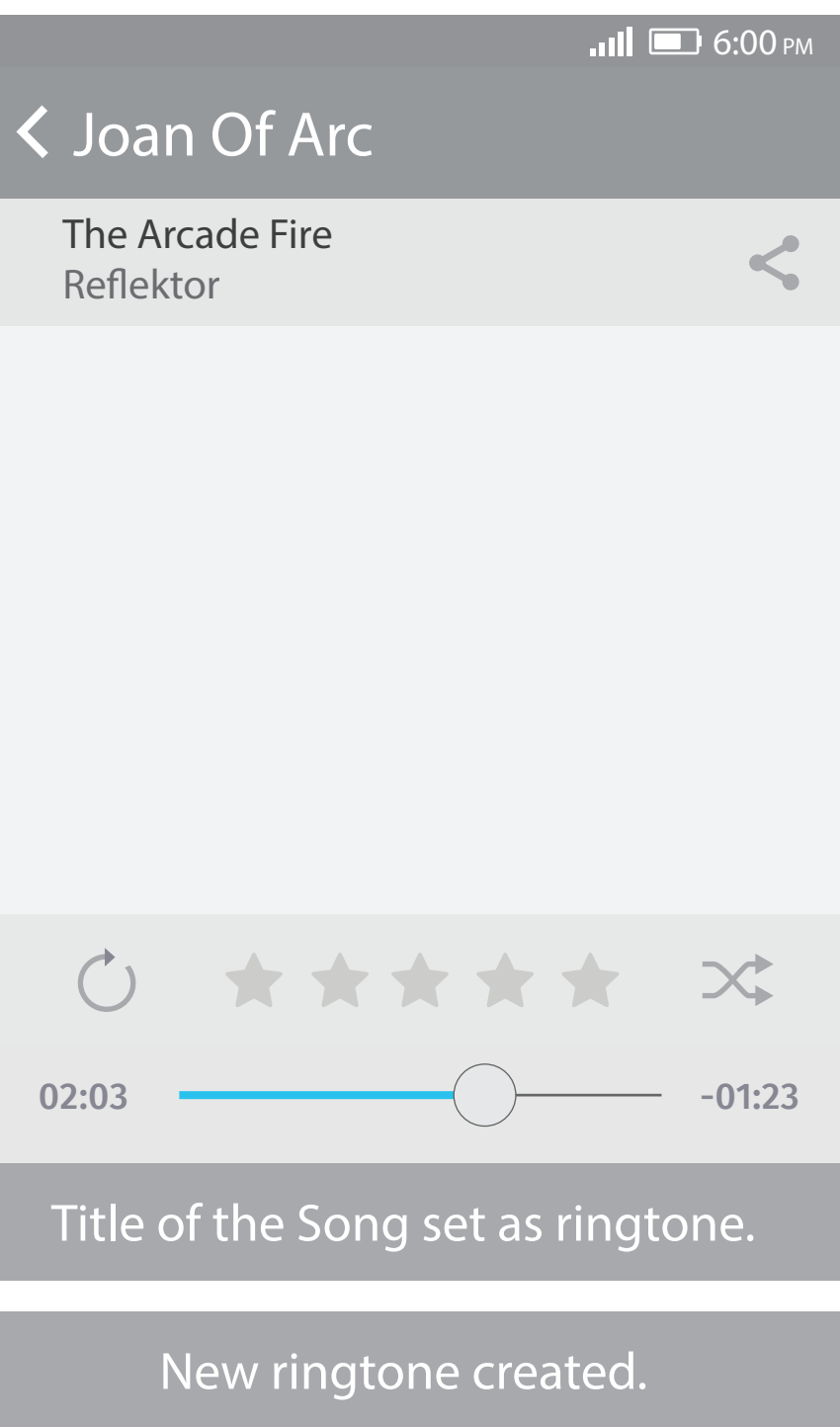**final order TBD**

4. Music App - Now Playing
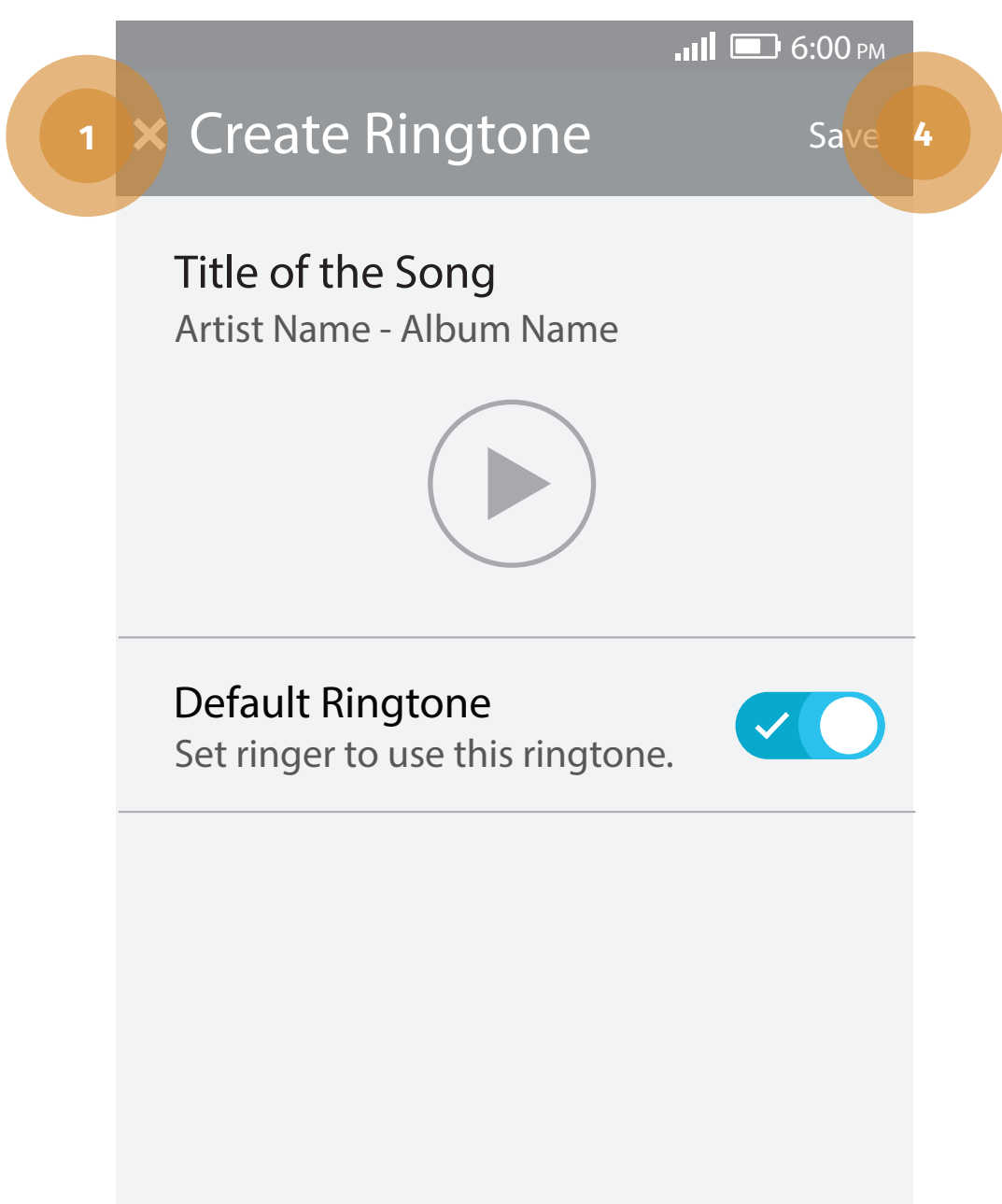
Same behaviours/UI as the create new ringtone flow.

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

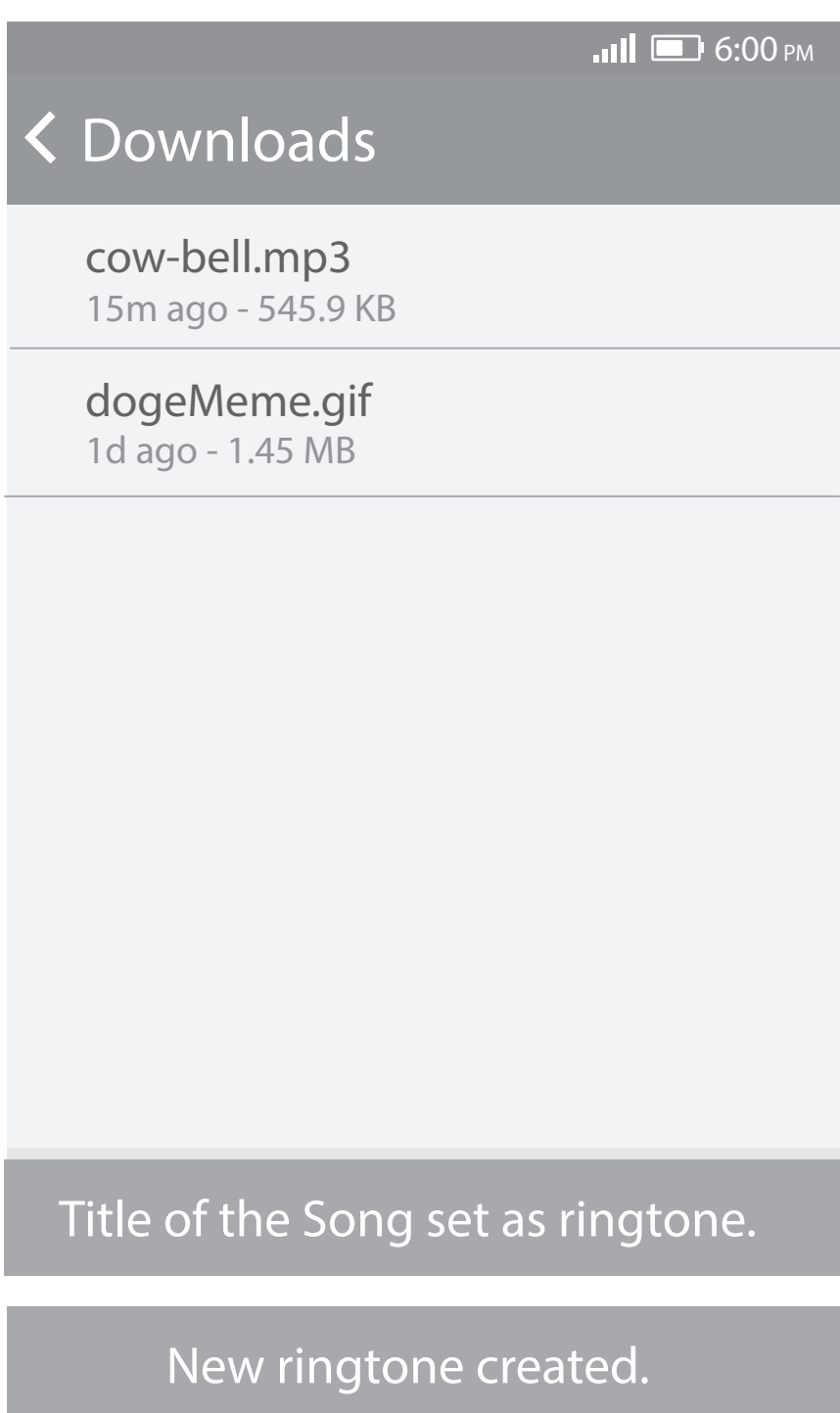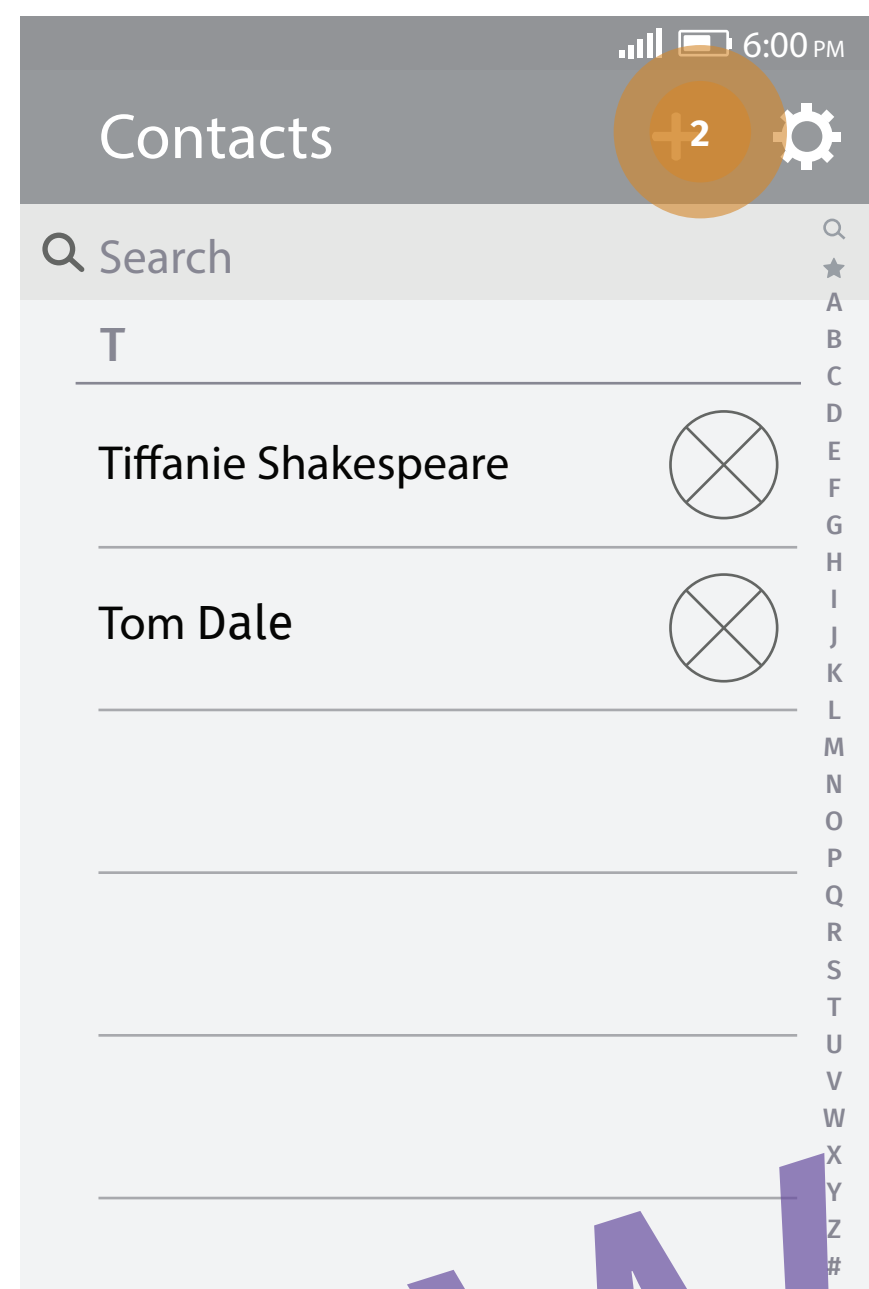**strings TBD**

4. Music App - Now Playing

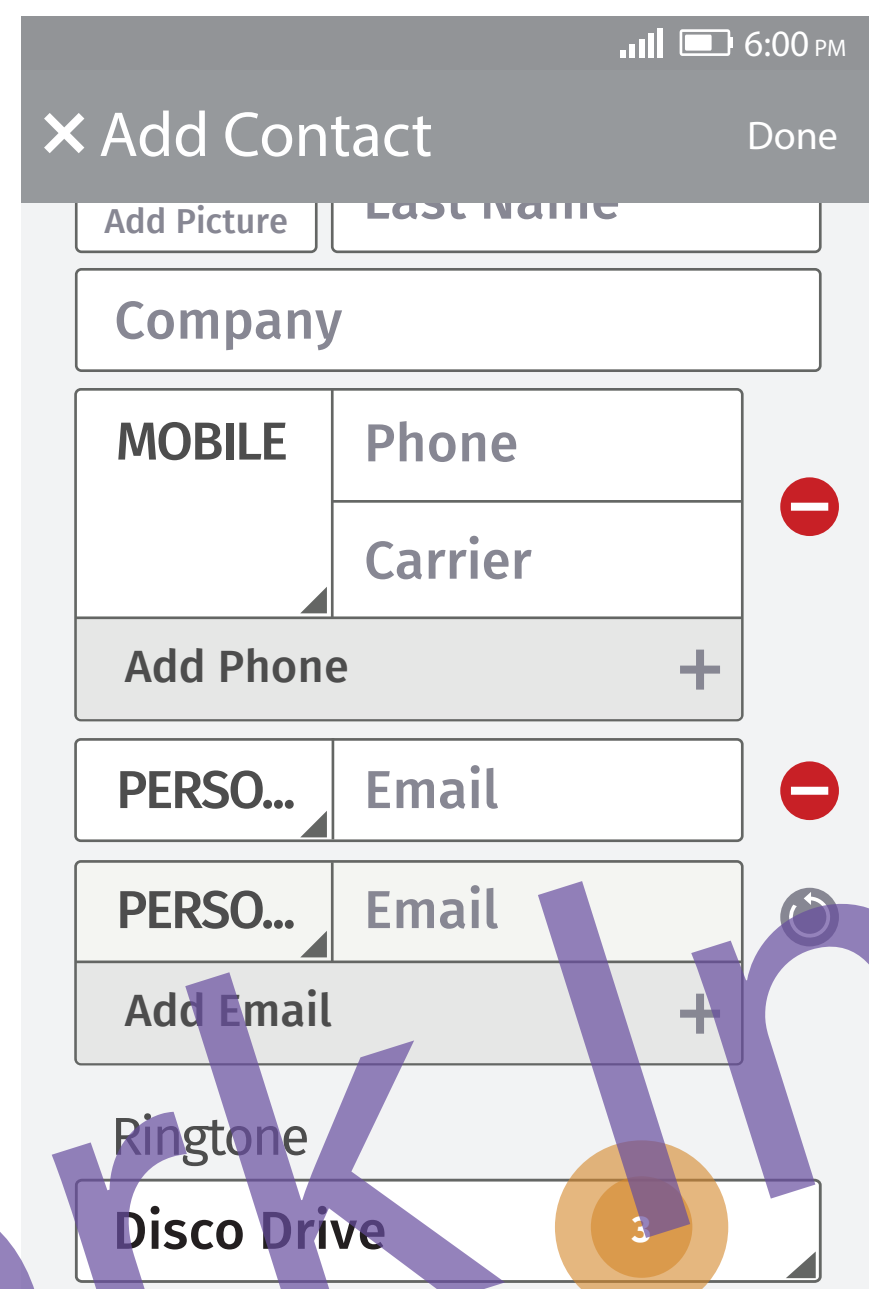Same behaviours/UI as the create new ringtone flow.

strings TBD

Contacts - Assign Ringtone to New Contact

1. Contacts

Contacts

2 ⚙

🔍 Search

T

Tiffanie Shakespeare ⊗

Tom Dale ⊗

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z #

Contacts app.

2. New Contact

✕ **Add Contact** Done

Add Picture Last Name

Company

MOBILE | Phone
      | Carrier ⊖

Add Phone ✛

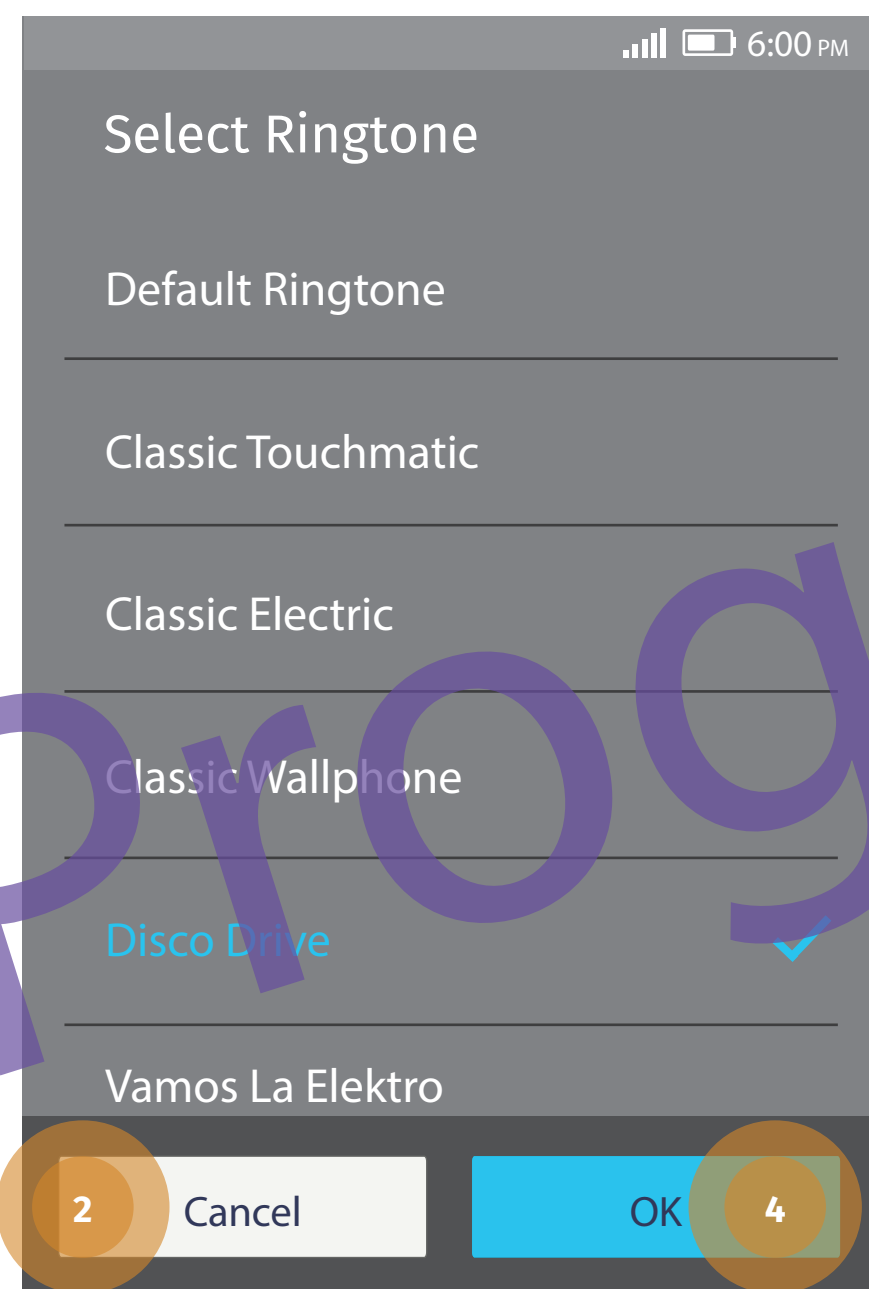PERSO... | Email ⊖

PERSO... | Email ↻

Add Email ✛

Ringtone

Disco Drive

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

Select Ringtone

Default Ringtone

Classic Touchmatic

Classic Electric

Classic Wallphone

Disco Drive ✓

Vamos La Elektro

2 Cancel | OK 4

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

✕ **Add Contact** Done

Add Picture Last Name

Company

MOBILE | Phone
      | Carrier ⊖

Add Phone ✛

PERSO... | Email ⊖

PERSO... | Email ↻

Add Email ✛

Ringtone

Disco Drive

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

Contacts - Assign Ringtone to Existing Contact

1. Contacts

.ıll 📶 6:00 PM

Contacts + ⚙

🔍 Search

T

Tiffanie Shakespear ⊗

Tom Dale ⊗

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z #

Contacts app.

2. Contact Details

.ıll 📶 6:00 PM

‹ **<contact name>**

<Company>

PERSONAL

☒ <email address>

HOME
<address>

RINGTONE
<ringtone name>

COMMENTS
<comments>

SOCIAL NETWORKS

☒ Link contact

ORGANIZE CONTACTS

☒ Find duplicate contacts
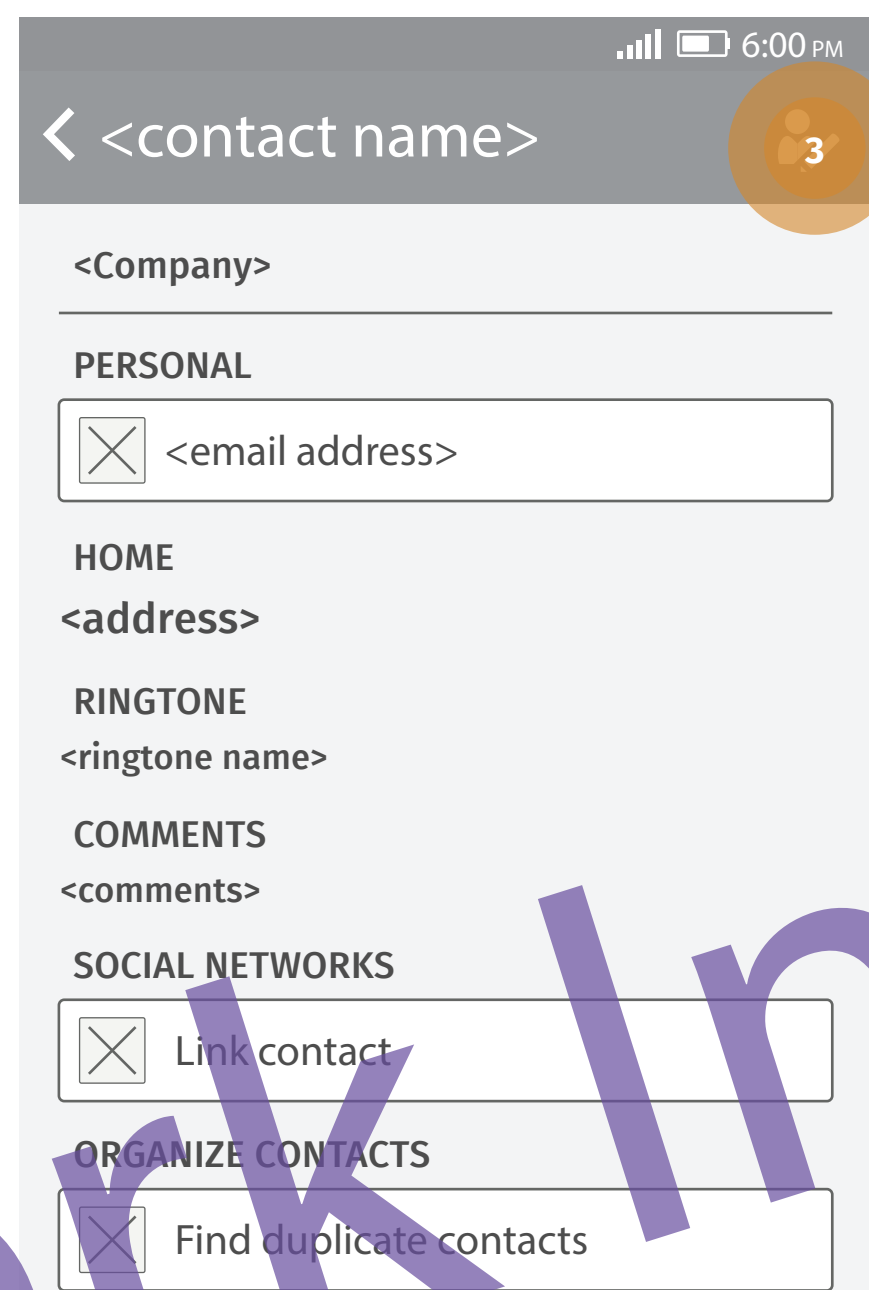
Contact details of the selected contact.

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

3. Edit Contact

.ıll 📶 6:00 PM

✕ **Edit Contact**   Update

Add Picture   Last Name

Company

MOBILE | Phone
       | Carrier   ⊖

Add Phone   +

PERSO... | Email   ⊖
PERSO... | Email   ◎

Add Email   +

Ringtone

Disco Drive

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

.ıll 📶 6:00 PM

Select Ringtone

Classic Courier

Classic Touchmatic

Classic Electric

Classic Wallphone

Disco Drive   ✓

Vamos La Elektro

Cancel | OK

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

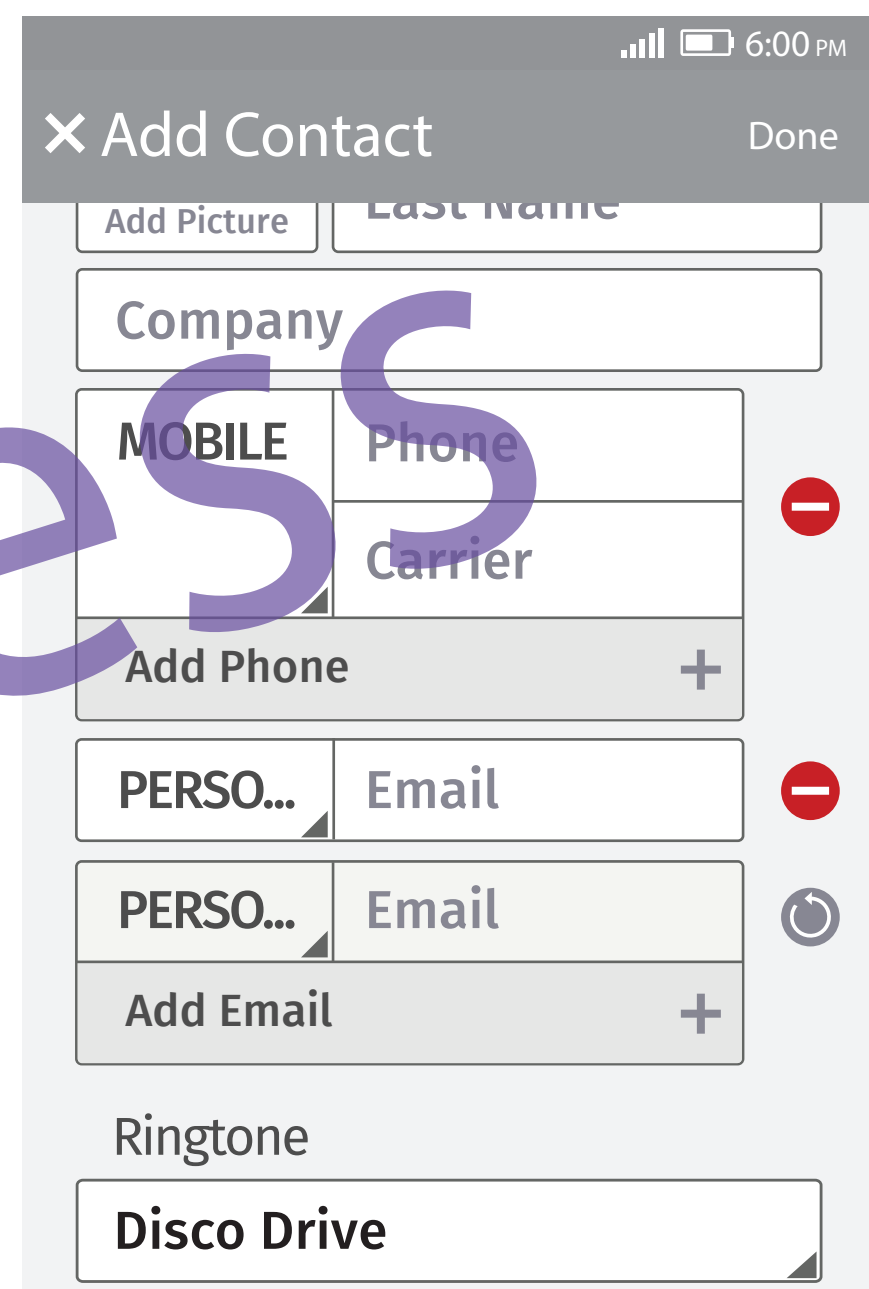An option to use the default ringtone setting is at the top of the list.

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

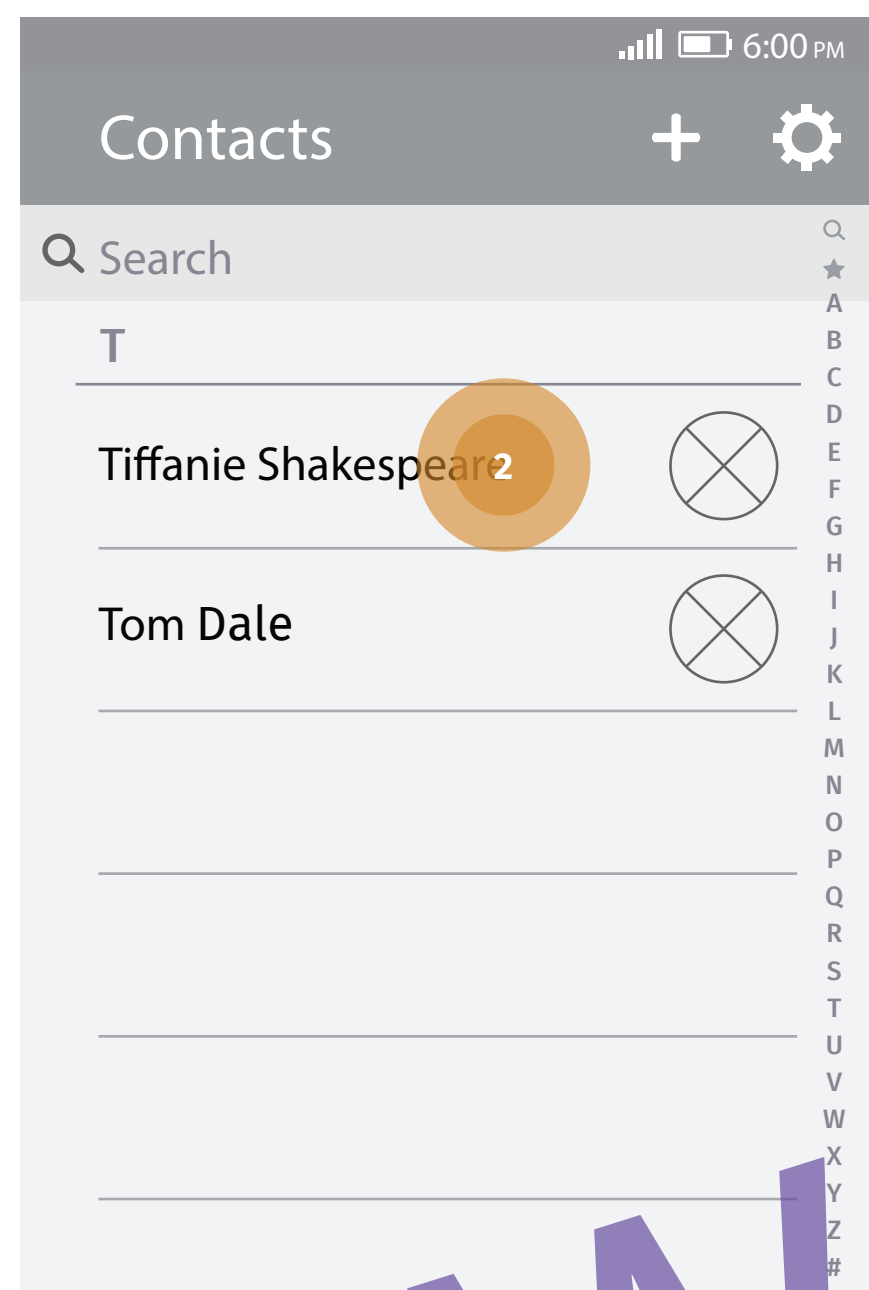**What are the requirements for 1.5? Media ringtones team needs work session with Contacts team.**

5. Edit Contact

.ıll 📶 6:00 PM

✕ **Edit Contact**   Update

Add Picture   Last Name

Company

MOBILE | Phone
       | Carrier   ⊖

Add Phone   +

PERSO... | Email   ⊖
PERSO... | Email   ◎

Add Email   +

Ringtone

Disco Drive

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

Work In Progress

Firefox OS

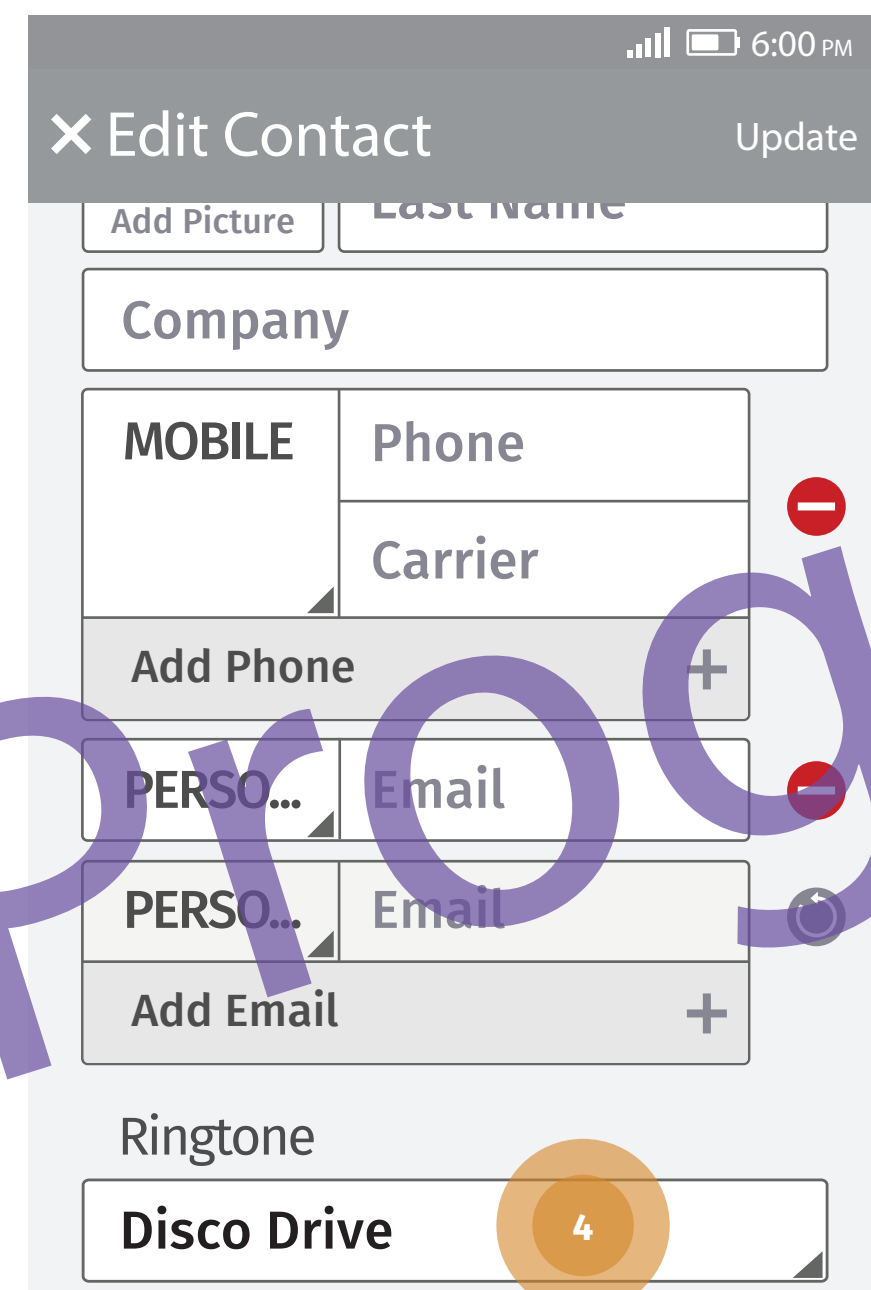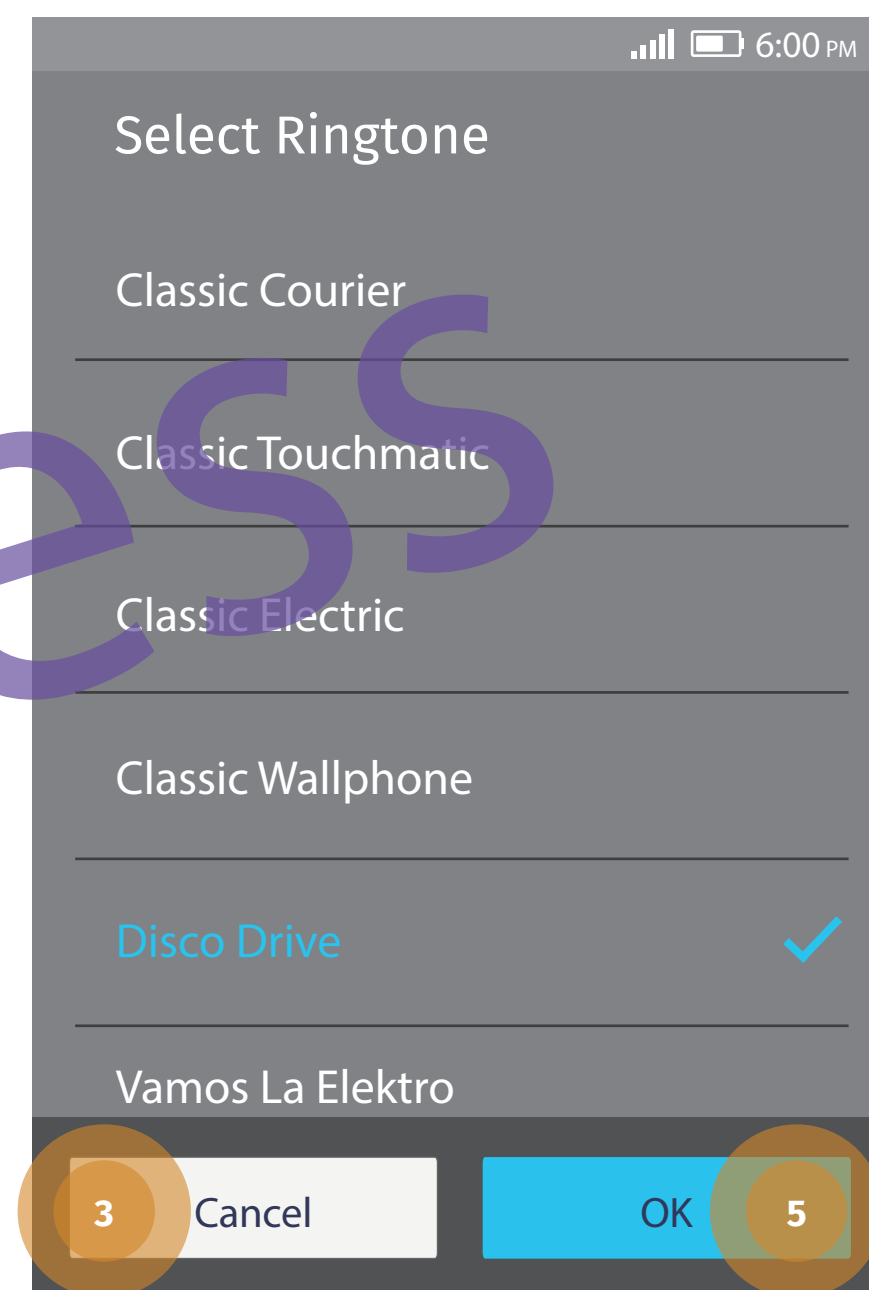# Alarm – Assign Ringtone to a New Alarm

1. Alarm

📶 🔋 6:00 PM

Monday, December 17 ②

8:00 AM Wake Up! ◯

Alarm | Timer | Stopwatch

Clock app.

2. New Alarm

📶 🔋 6:00 PM

✕ **New Alarm**   Done

Alarm name

Time
11:06AM ◢

Repeat
Never ◢

Sound
Disco Drive ③

Vibrate
On ◢

Creating a new alarm form.

The sound should be the default until the user changes.

<alarm>

3. Value Selector

📶 🔋 6:00 PM

Select Ringtone

Classic Courier

Classic Touchmatic

Classic Electric

Classic Wallphone

Disco Drive ✓

Vamos La Elektro

② Cancel   OK ④

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 Clock team.

4. New Alarm

📶 🔋 6:00 PM

✕ **Edit Alarm**   Done

Wake Up!

Time
11:06AM ◢

Repeat
Never ◢

Sound
Disco Drive ◢

Vibrate
On ◢

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

Work In Progress

Firefox OS

Alarm - Assign Ringtone to an Existing Alarm

1. Alarm

Clock app.

2. Alarm Details

Alarm details of the selected alram.

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

3. Value Selector

Tapping shows a value selector with possible ringtone and alert options. The current option is selected.
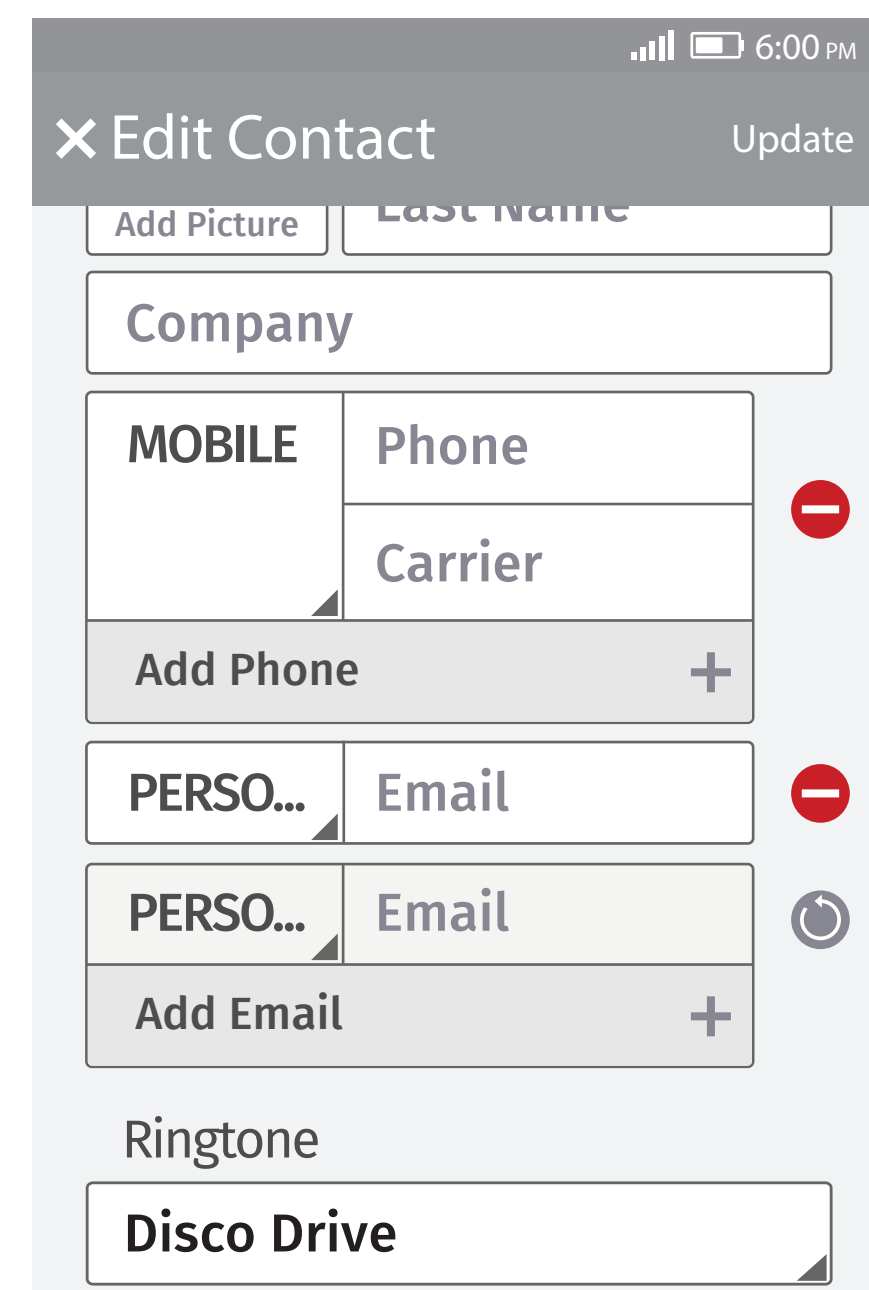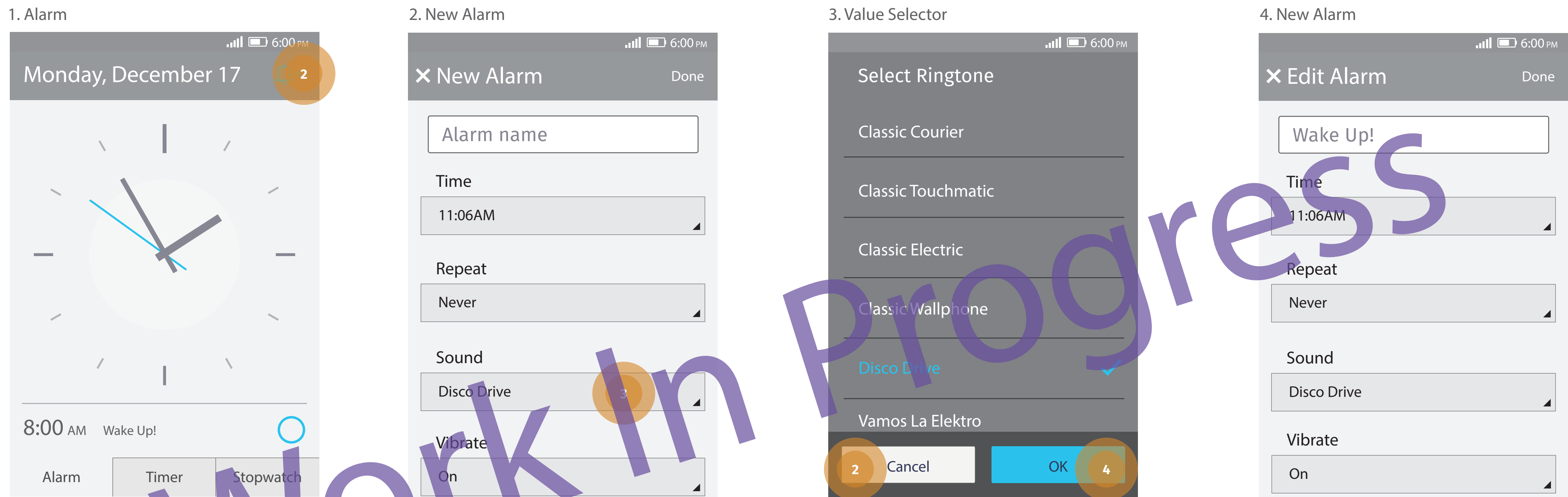
OK changes the sound for the alarm. Cancel returns to the form with no changes.

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.

4. Alarm Details

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

Thanks!

From your friends in Firefox OS UX