Support for ICE Contacts

Version 0.2 [July 21, 2014]

Most recent spec available at – [link to folder in mozilla.box.com]
[insert bug # and title]
Questions? Email the author or _____

Version history

V0.1 draft   [07/07/2014]   [Carrie Wang]   Support ICE contacts for emergency call on Lockscreen and Contacts APP.

V0.2   [07/21/2014]   [Carrie Wang]   p.5 Add the ICE contact icon in the alphabetic indicator.
p.14 Add the use case of dialing out from Lockscreen but SIM is locked.
p.14 Add DSDS rule.
p.15 Add the use case of removing the phone numbers of ICE contacts.
p.16 Add the use case of adding a contact who doesn't have phone numbers set in contact details.
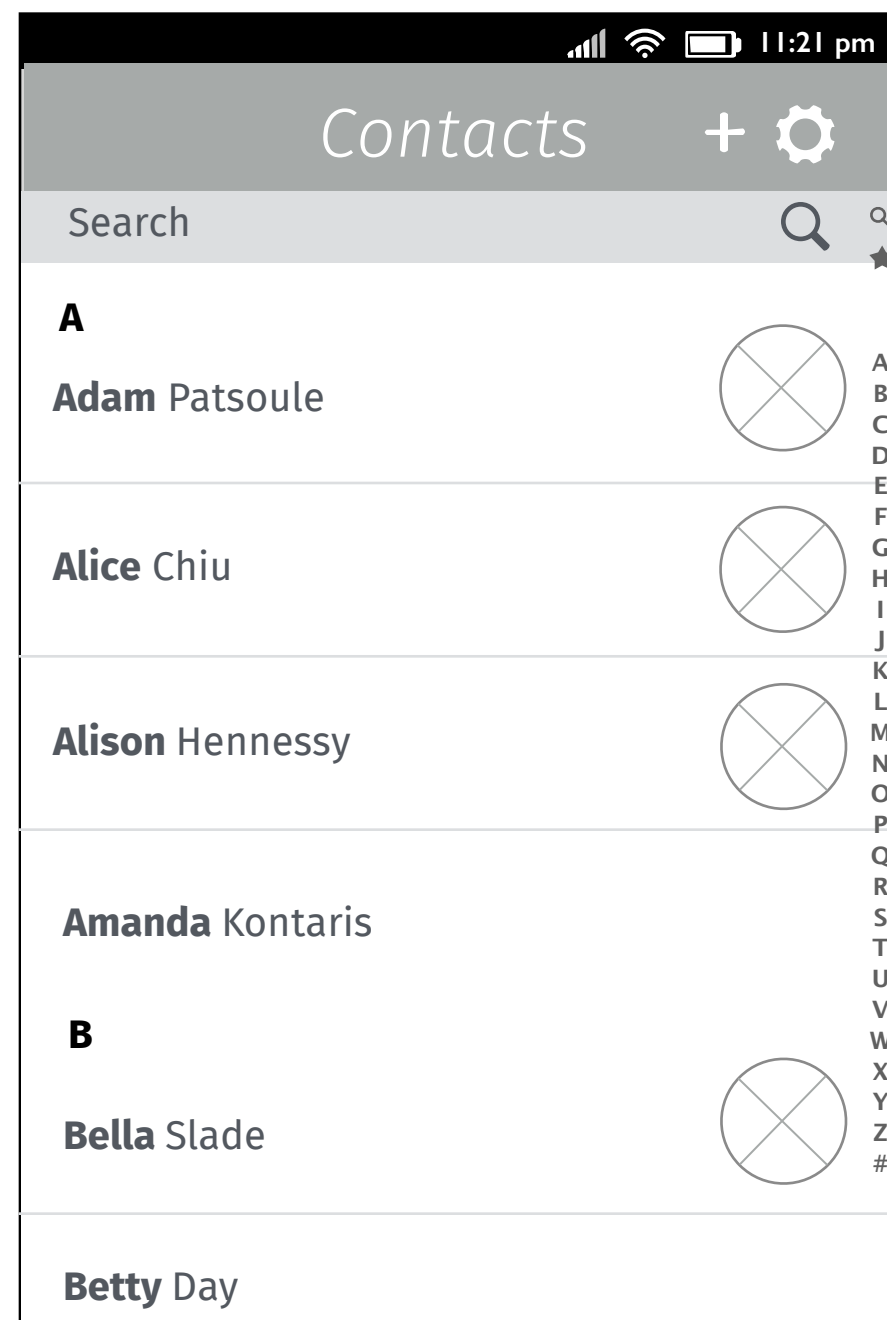
User stories / references

Bug 1026682
https://bugzilla.mozilla.org/show_bug.cgi?id=1026682

View details

Last Modified: 2014/7/21

Different views of ICE contacts in Contacts APP

Default Contacts view

Contacts view with ICE set

Contacts view with ICE & favorites set
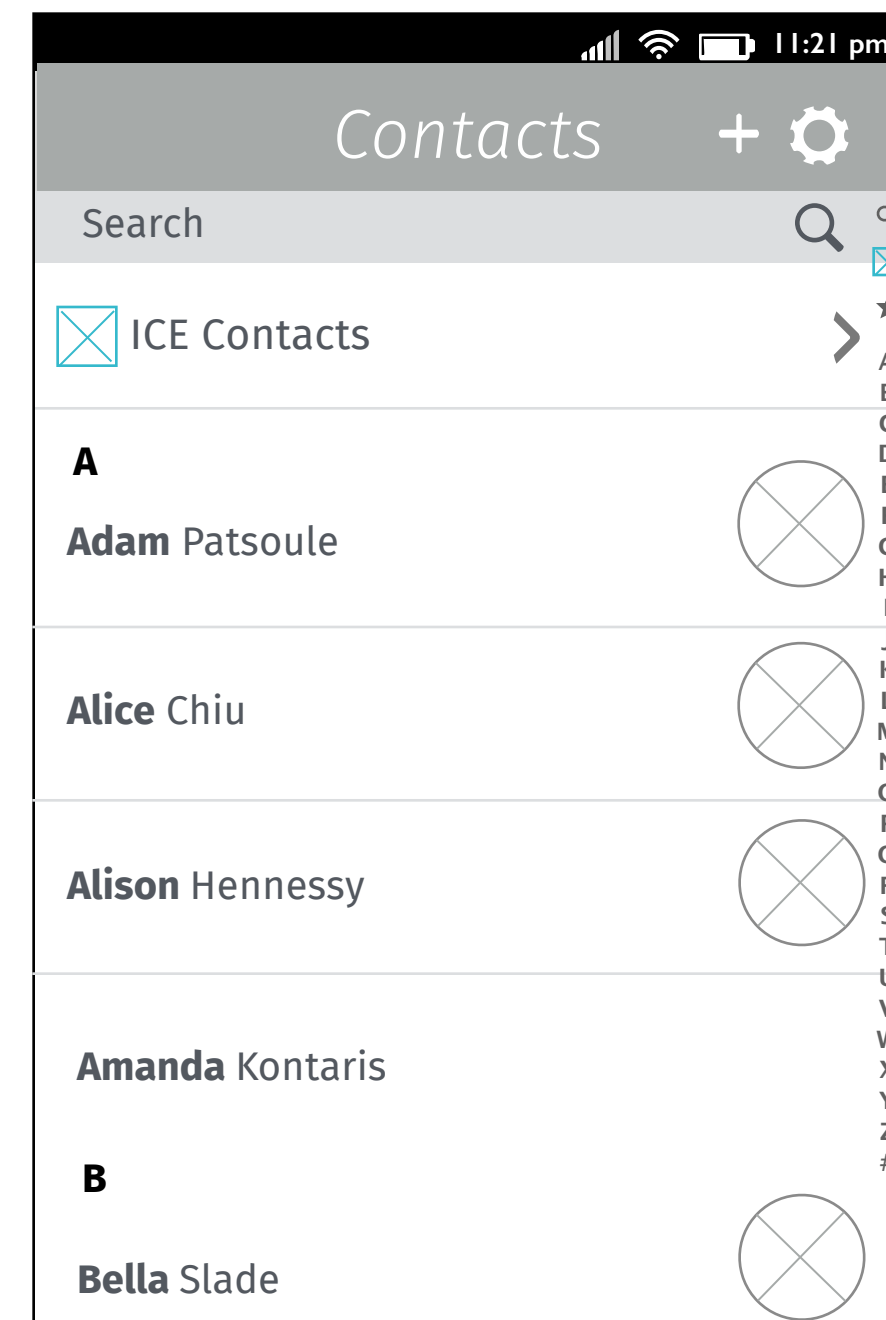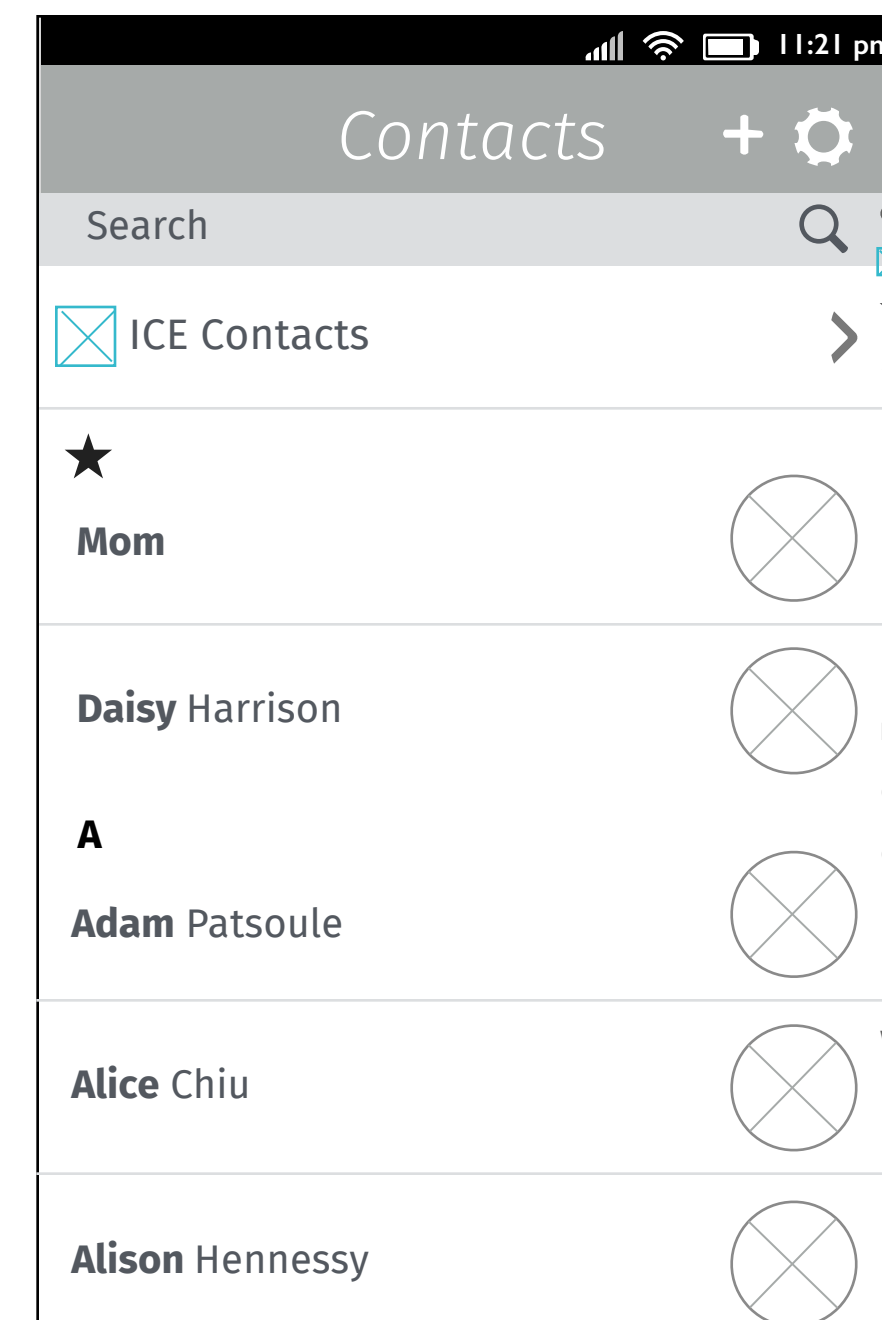

The ICE contacts section will be on the top of the page with an icon design (depends on visual design). This section appears when there has at least one ICE contact set in settings. The contacts which are set as ICE contacts will still be shown in the contacts list below.

The alphabetic indicator on the right will add an ICE icon as a hint.
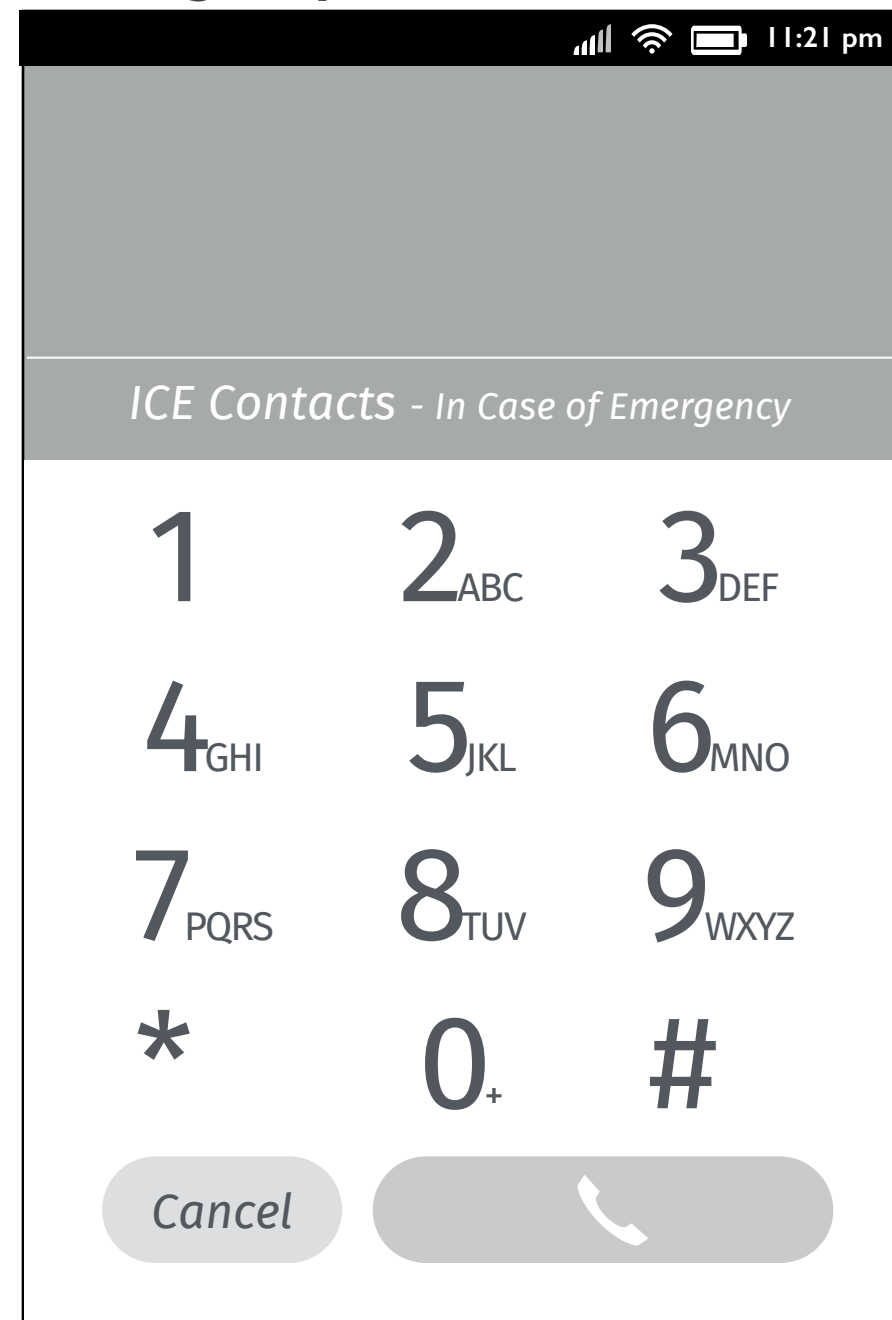
If user has set "favorite" contacts, the ICE contact section will be above the "favorites" section.

ICE contacts in Dialer (Emergency call mode)

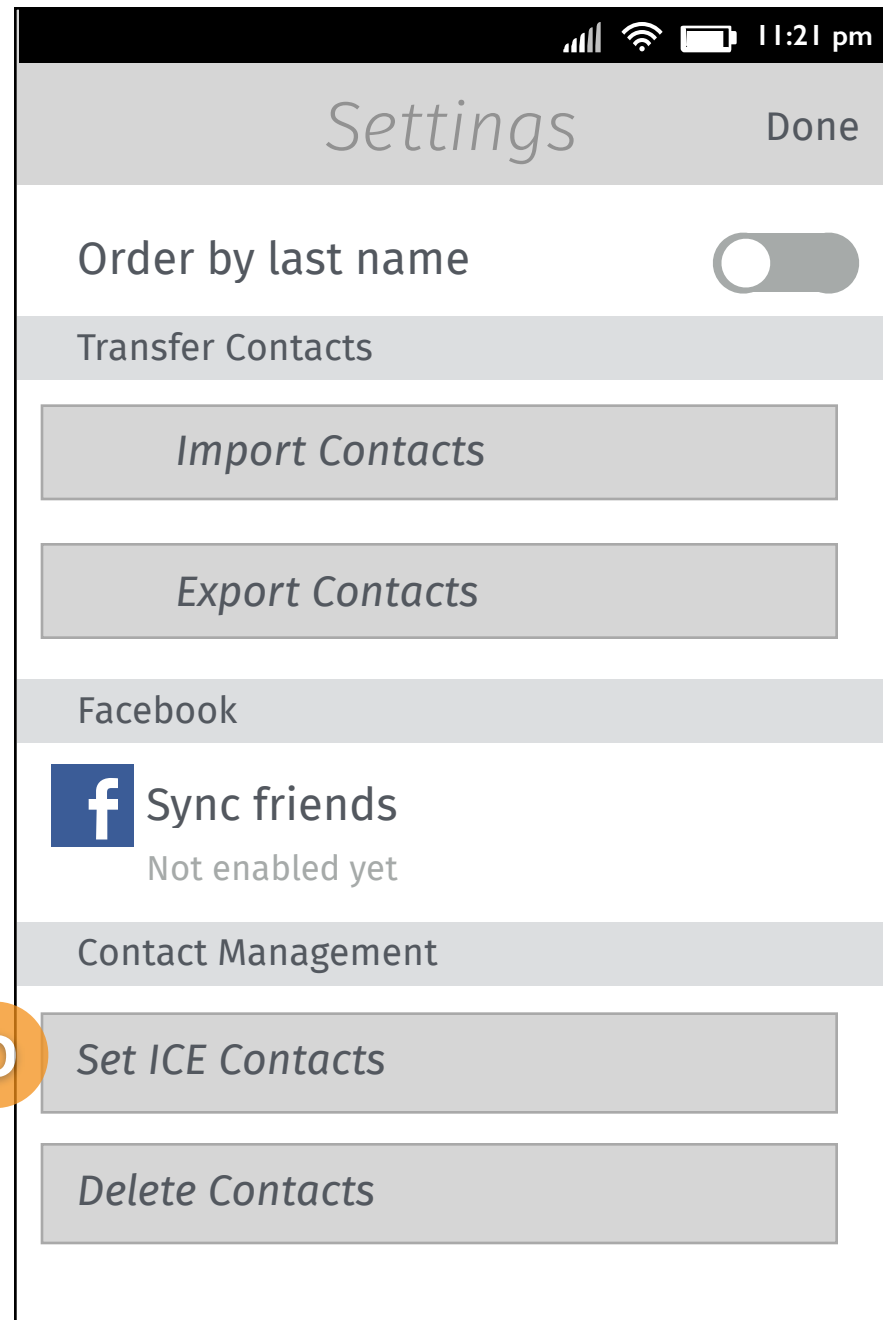**ICE Contacts in Dialer
(Emergency call mode)**

		11:21 pm

ICE Contacts - In Case of Emergency   C

1	2ABC	3DEF
4GHI	5JKL	6MNO
7PQRS	8TUV	9WXYZ
*	0+	#

Cancel   📞

If user has set ICE contact, then there will be an "ICE Contacts" section on the middle of the page (above the kaypad). Users can tap it to trigger menu.
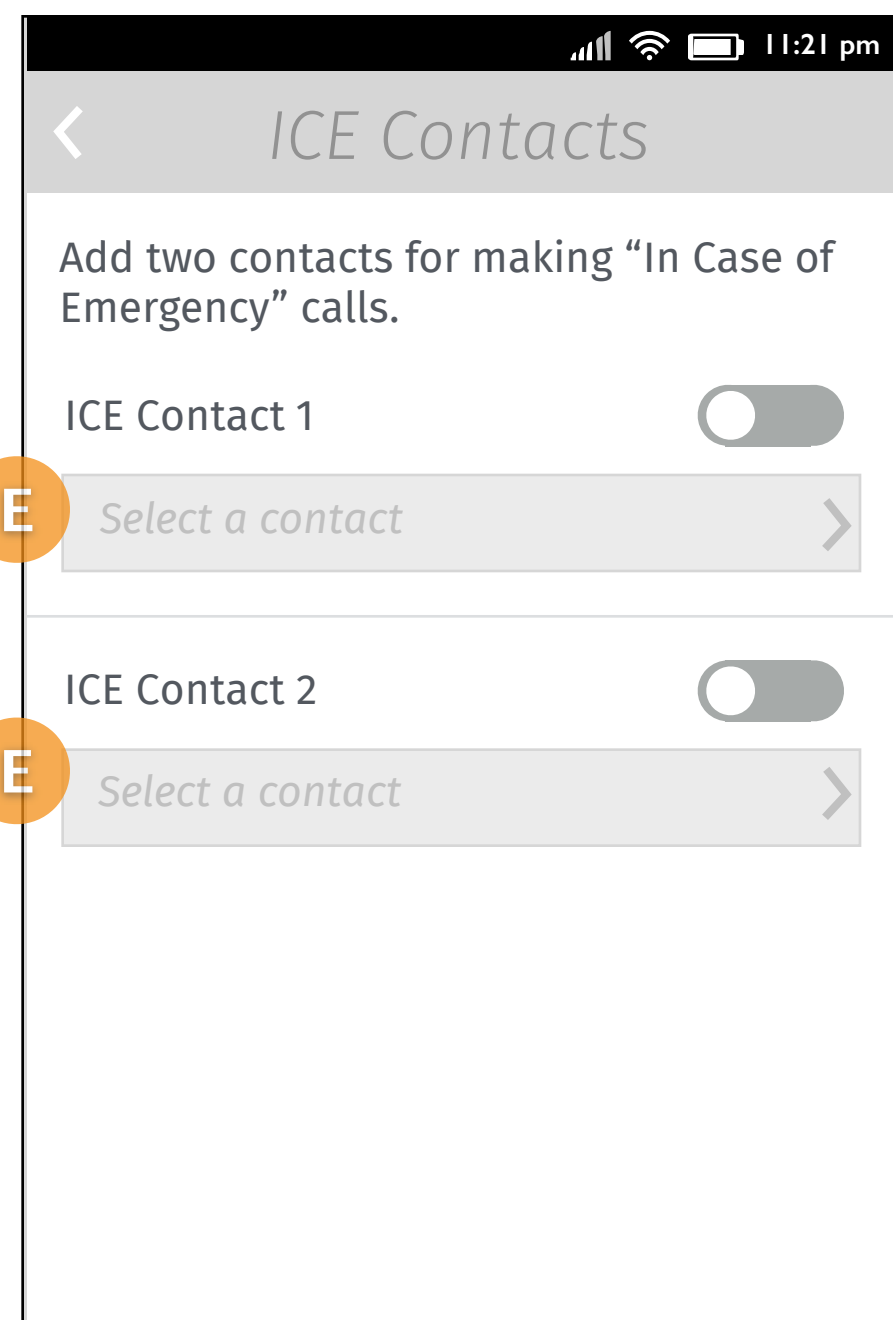
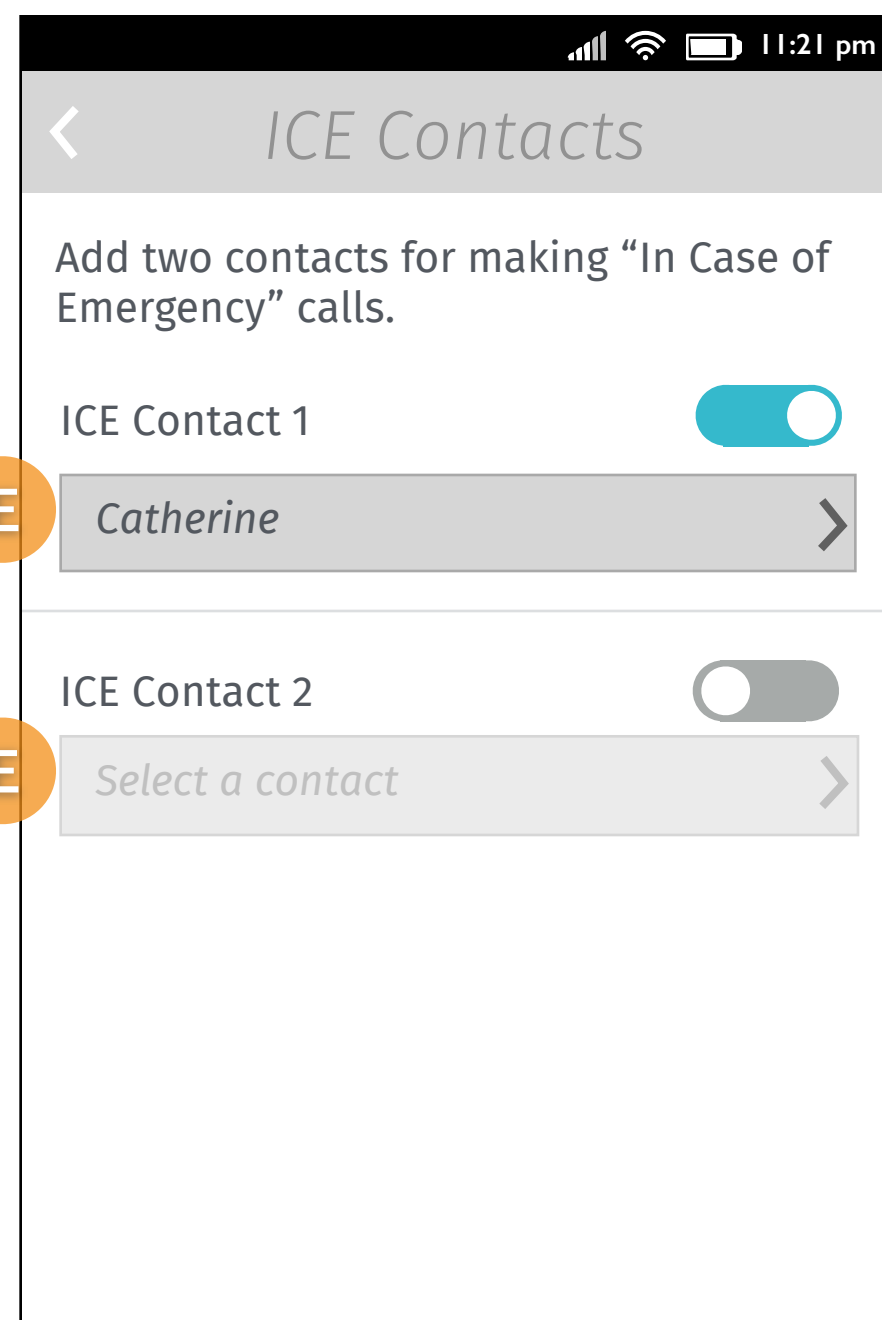# Views of ICE contacts settings in Contacts APP

V0.2

Contacts settings

ICE Contact in Contacts settings

ICE Contact in Contacts settings

ICE Contact in Contacts settings

ICE Contact in Contacts settings

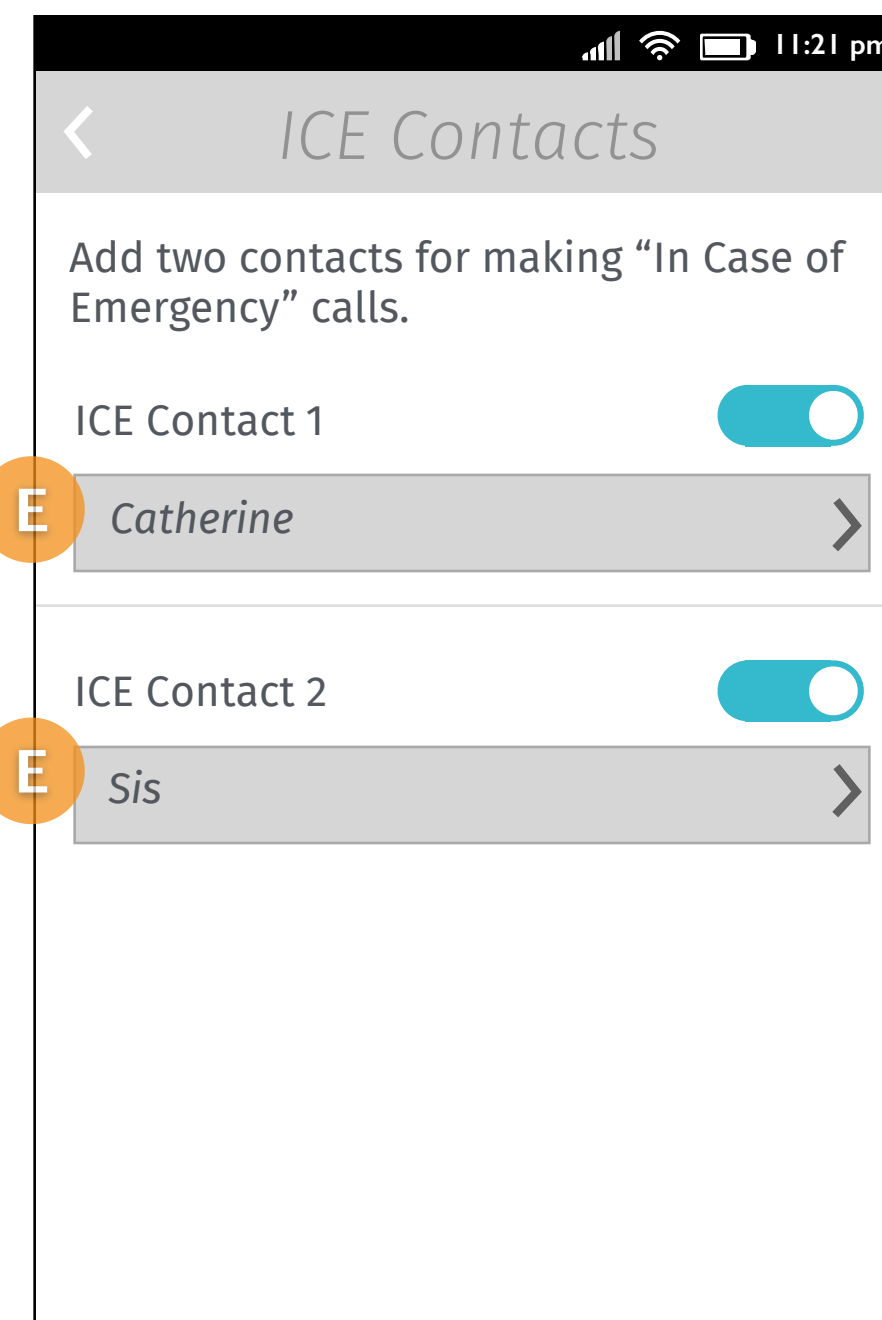Add an option "Set ICE Contacts" in the "Contact Management" section.

In ICE Contacts settings, users can set 2 contacts respectively for emergency calls.
It shows "Select a contact" as indication when there is no contact set before. It will display contact name if user has select a contact for ICE.
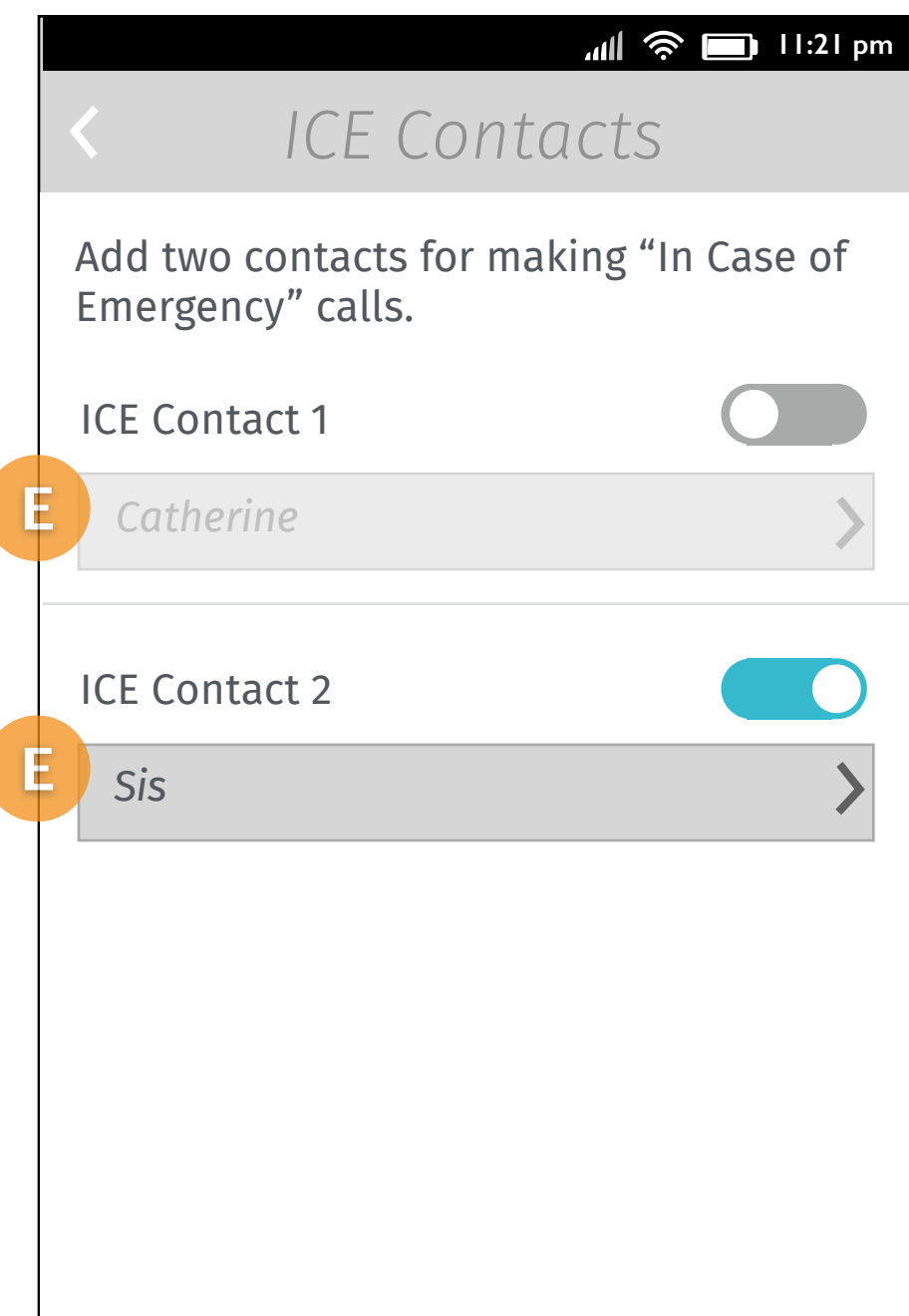
One ICE contact set.

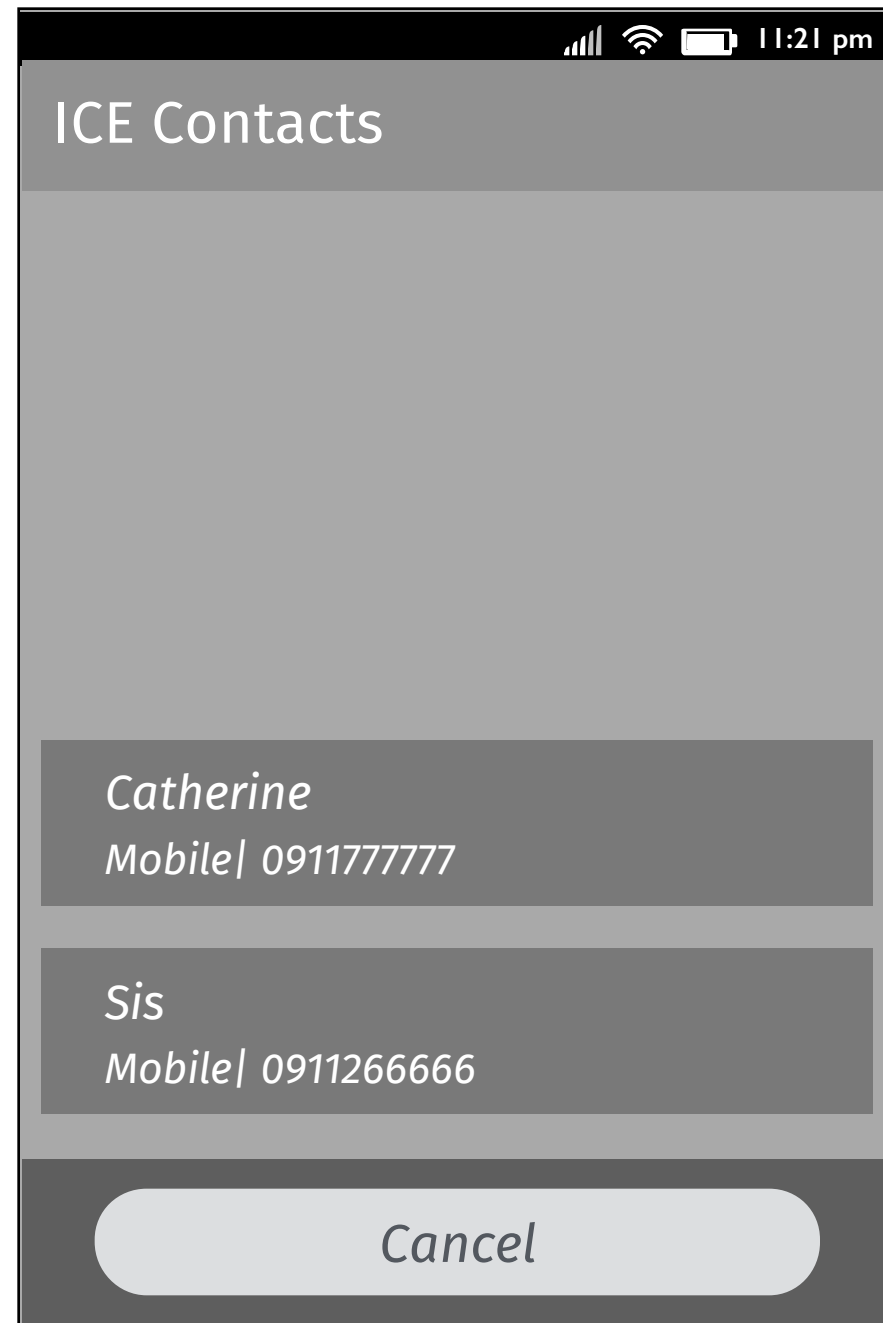Two ICE contact set.

Disable an ICE contact. The list button will be grayed out with the previous ICE contact name displayed.

Views of ICE contacts menu for making calls

Two ICE contacts

Two ICE contacts with more than 2 numbers
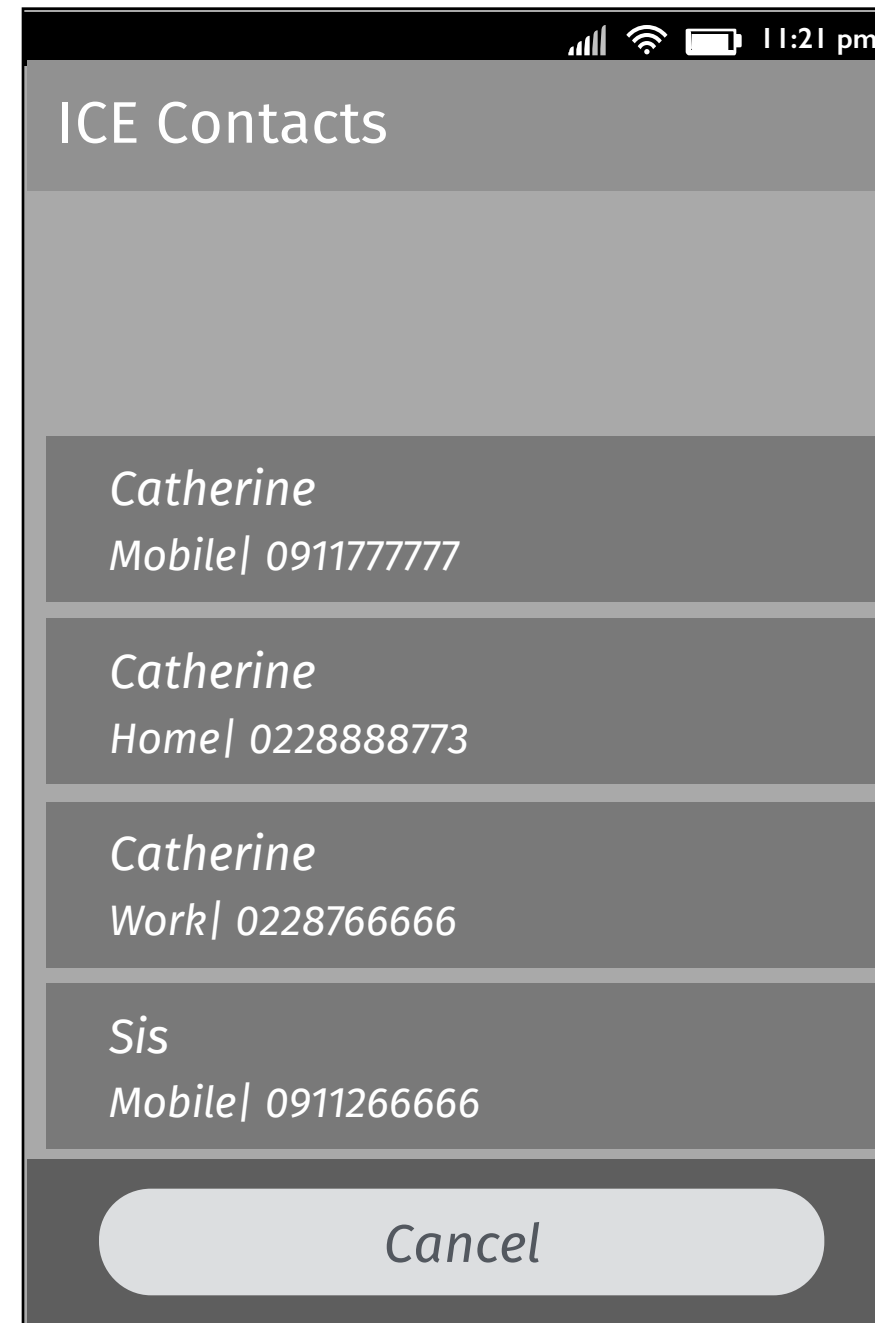

If user has set ICE contacts, they can trigger an action menu which display 2 contacts' numbers on it.

In this case, each contact has only one number set in APP.

If the contact has more than one number, we display all of them on action menu. So user can decide using which one to reach the contact.
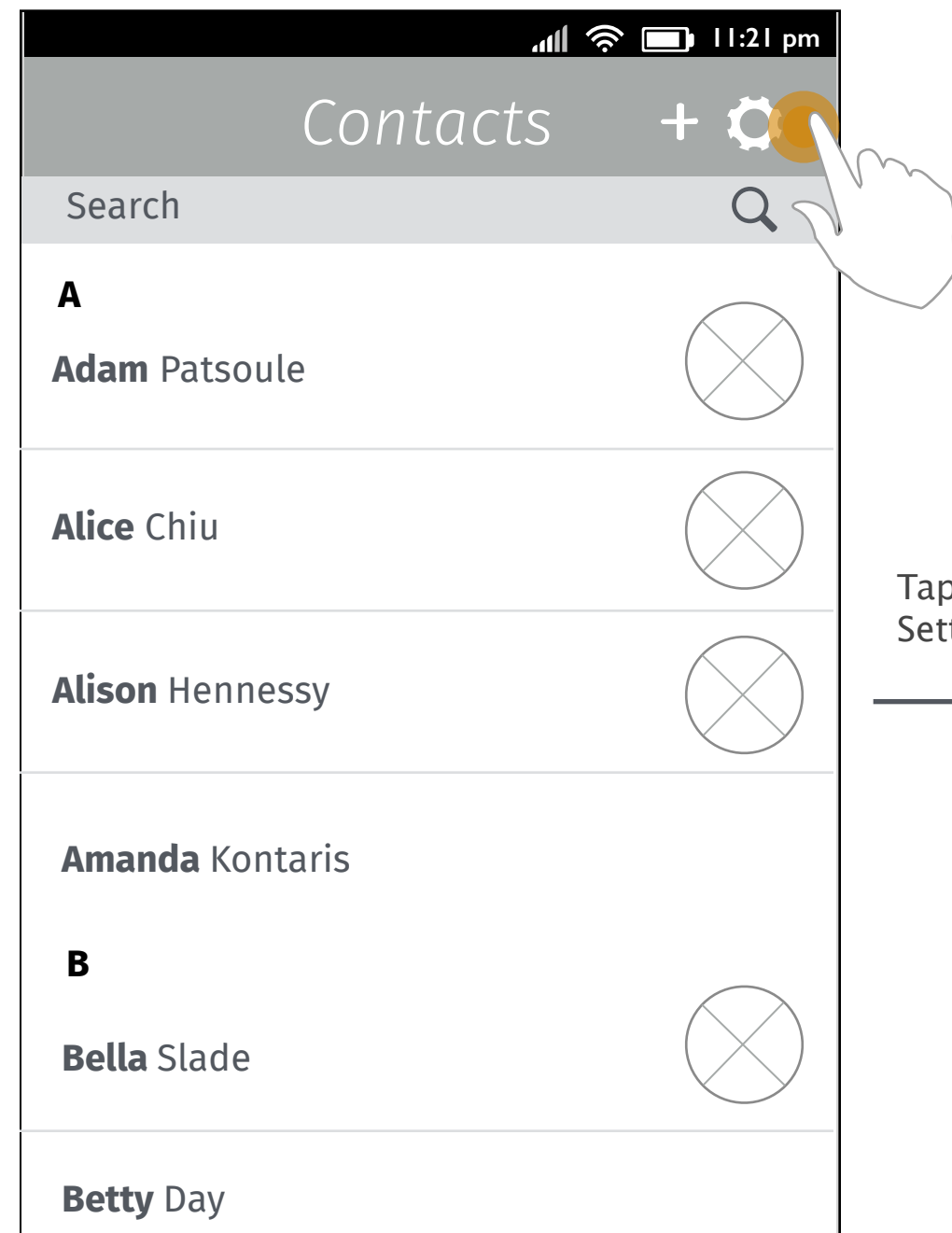If it has more than 6 items on the page, the action menu will become scrollable.
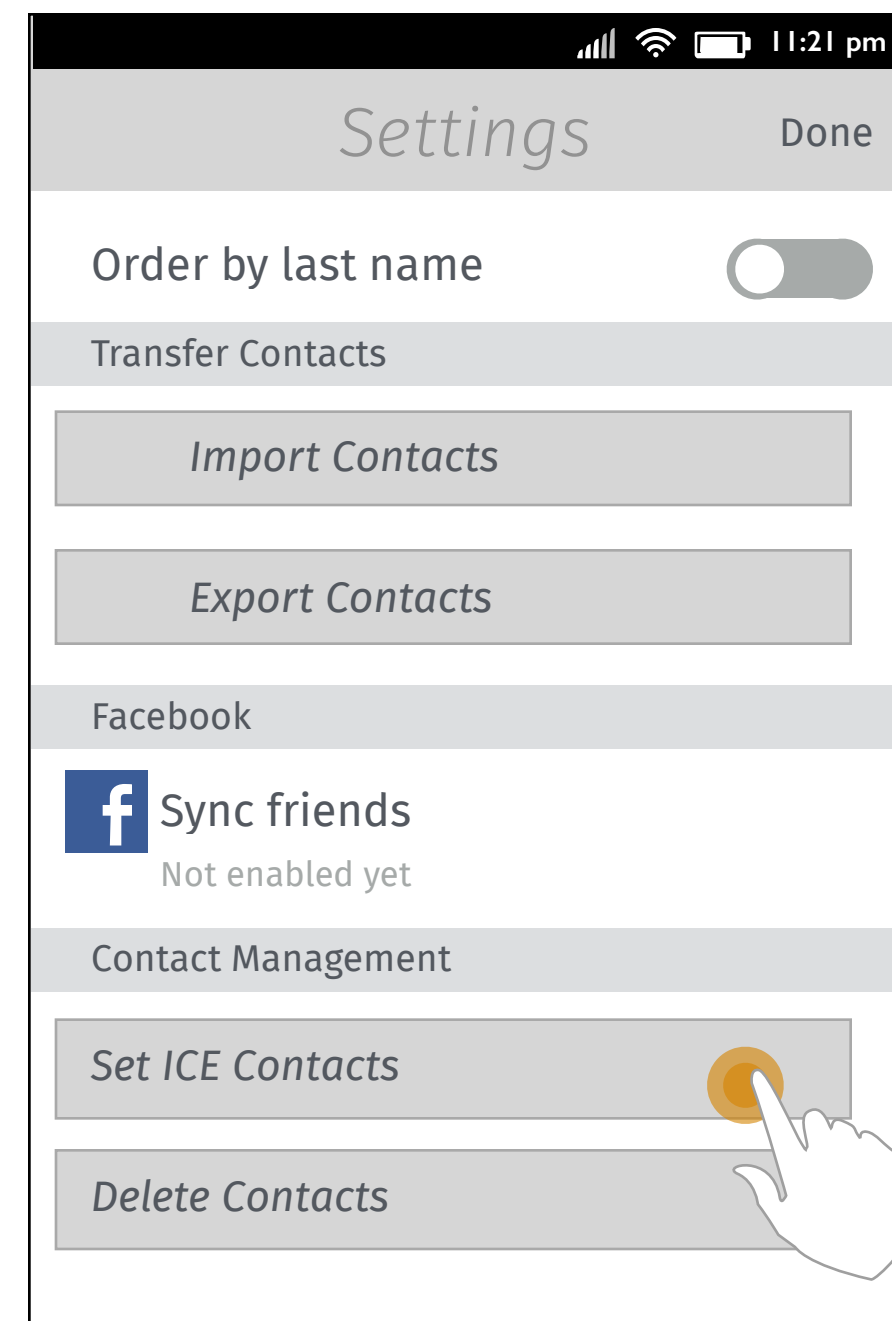
Key flow

Set ICE Contacts (1/2)

1. [Contacts list]

.ull 🛜 🔋 11:21 pm

Contacts   + ⚙

Search   🔍

A

Adam Patsoule   ⊗

Alice Chiu   ⊗

Alison Hennessy   ⊗

Amanda Kontaris

B

Bella Slade   ⊗

Betty Day

The user taps the settings button on the top right of the page in Contacts APP.

Tap Settings →

2. [Contacts settings]

.ull 🛜 🔋 11:21 pm

Settings   Done

Order by last name   ⭕

Transfer Contacts

Import Contacts

Export Contacts

Facebook

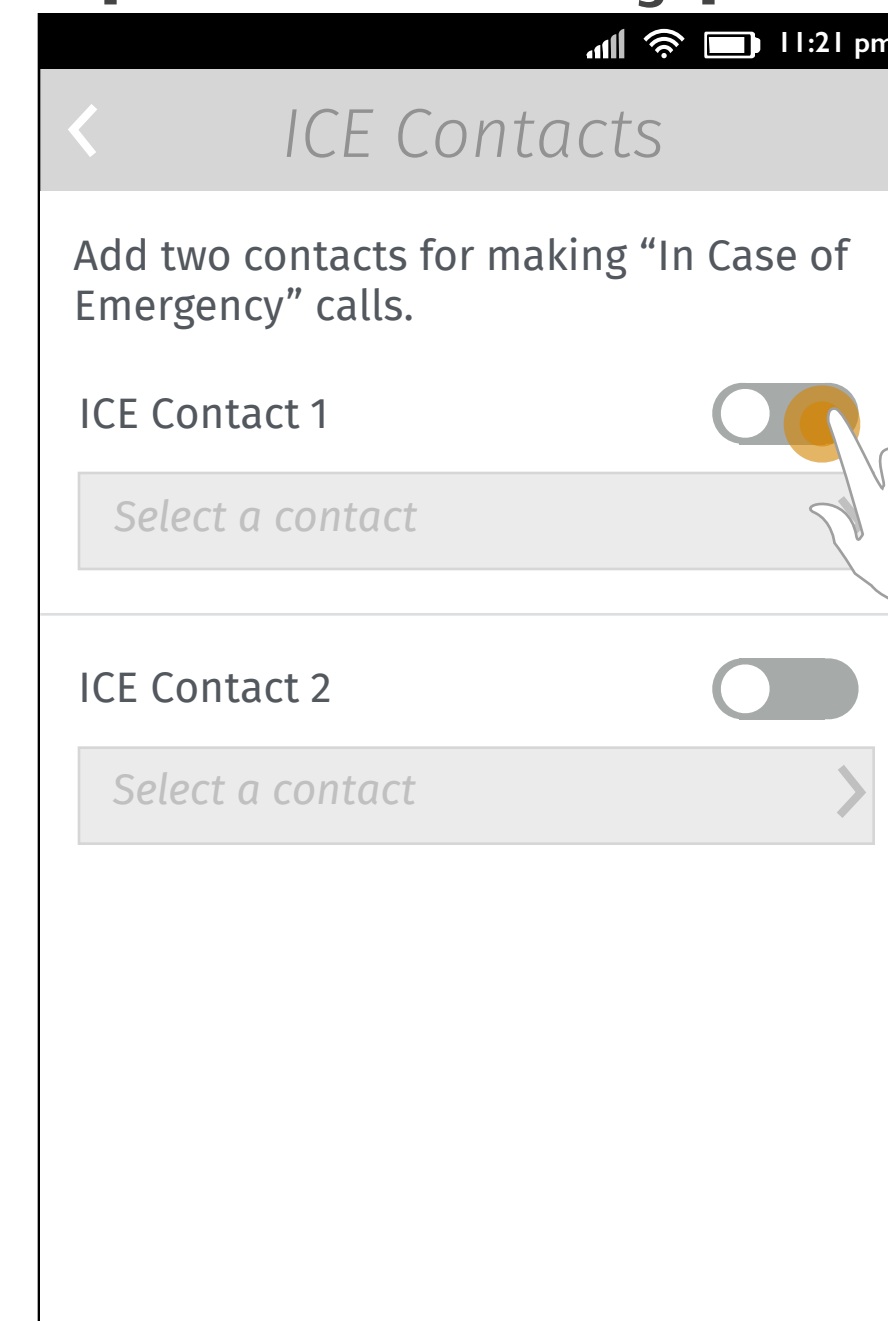[f] Sync friends
Not enabled yet

Contact Management

Set ICE Contacts

Delete Contacts

The Settings slides up and user taps "Set ICE Contacts" from "Contact Management" section.

Tap Set ICE Contacts →

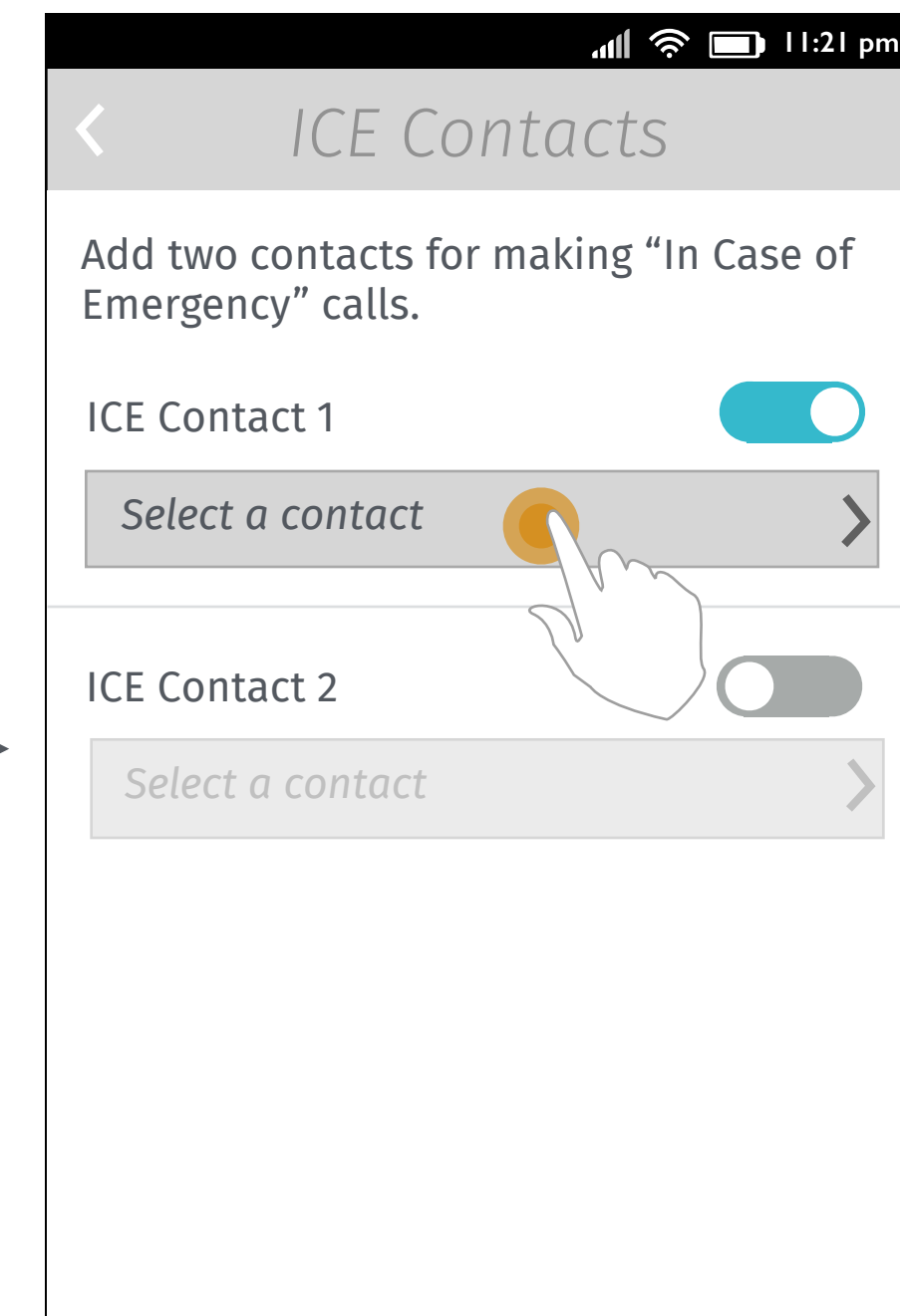## 3. [ICE contacts settings]

.ull 🛜 🔋 11:21 pm

‹ ICE Contacts

Add two contacts for making "In Case of Emergency" calls.

ICE Contact 1   ⭕

Select a contact

ICE Contact 2   ⭕

Select a contact   ›

User switches the ICE contact 1 on.

Tap "<" on left top to go back to Screen2.

Switch on ICE contact 1 →

.ull 🛜 🔋 11:21 pm

‹ ICE Contacts

Add two contacts for making "In Case of Emergency" calls.

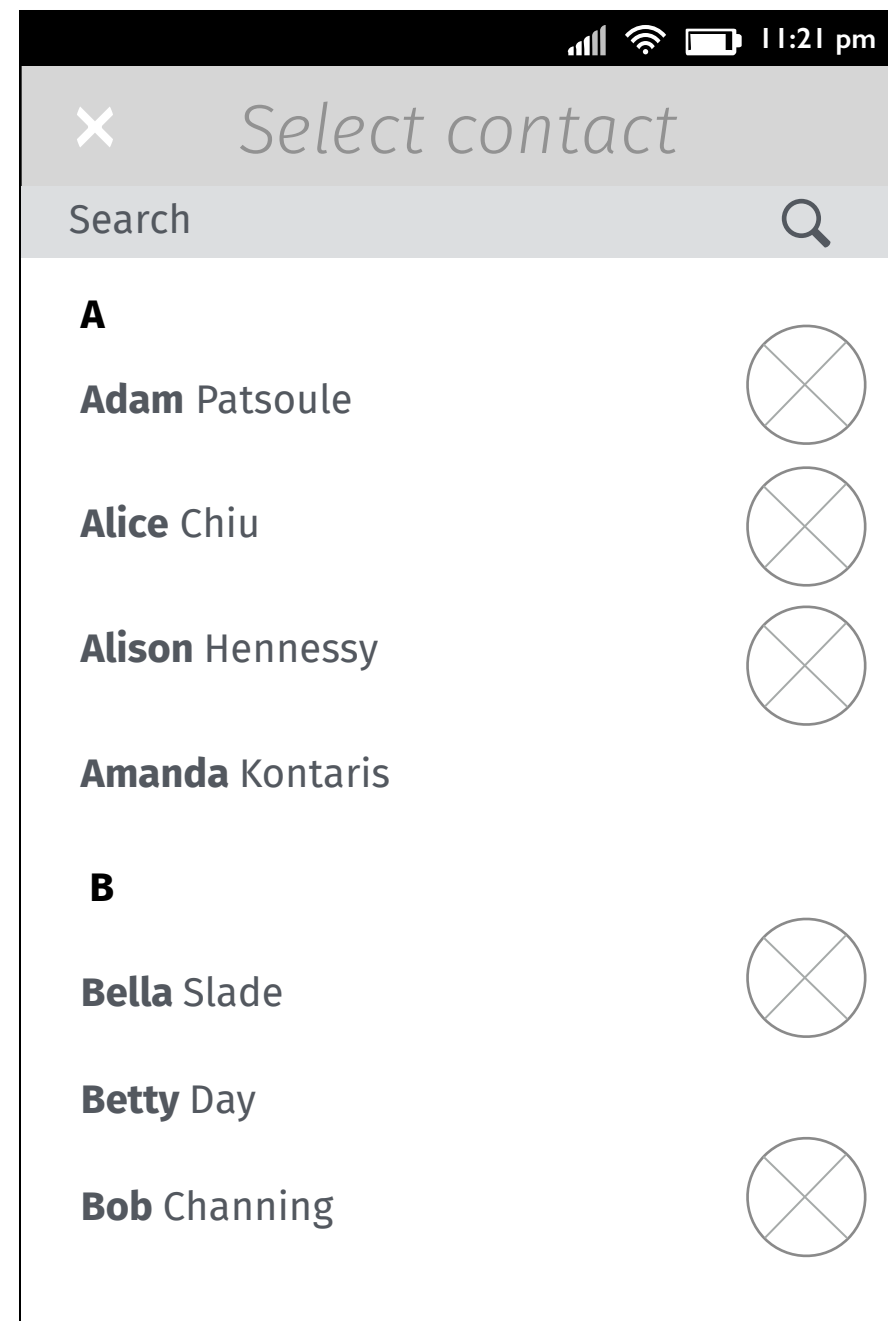ICE Contact 1   ⬤

Select a contact   ›

ICE Contact 2   ⭕

Select a contact   ›

The list button is enabled. User taps the list button to set the first ICE contact.

Tap "<" on left top to go back to Screen2.

Tap "Select a contact" →

next page

Set ICE Contacts (2/2)

4. [Single select mode]

✕	Select contact
Search	🔍

A

Adam Patsoule ⊗

Alice Chiu ⊗

Alison Hennessy ⊗

Amanda Kontaris

B

Bella Slade ⊗

Betty Day

Bob Channing ⊗
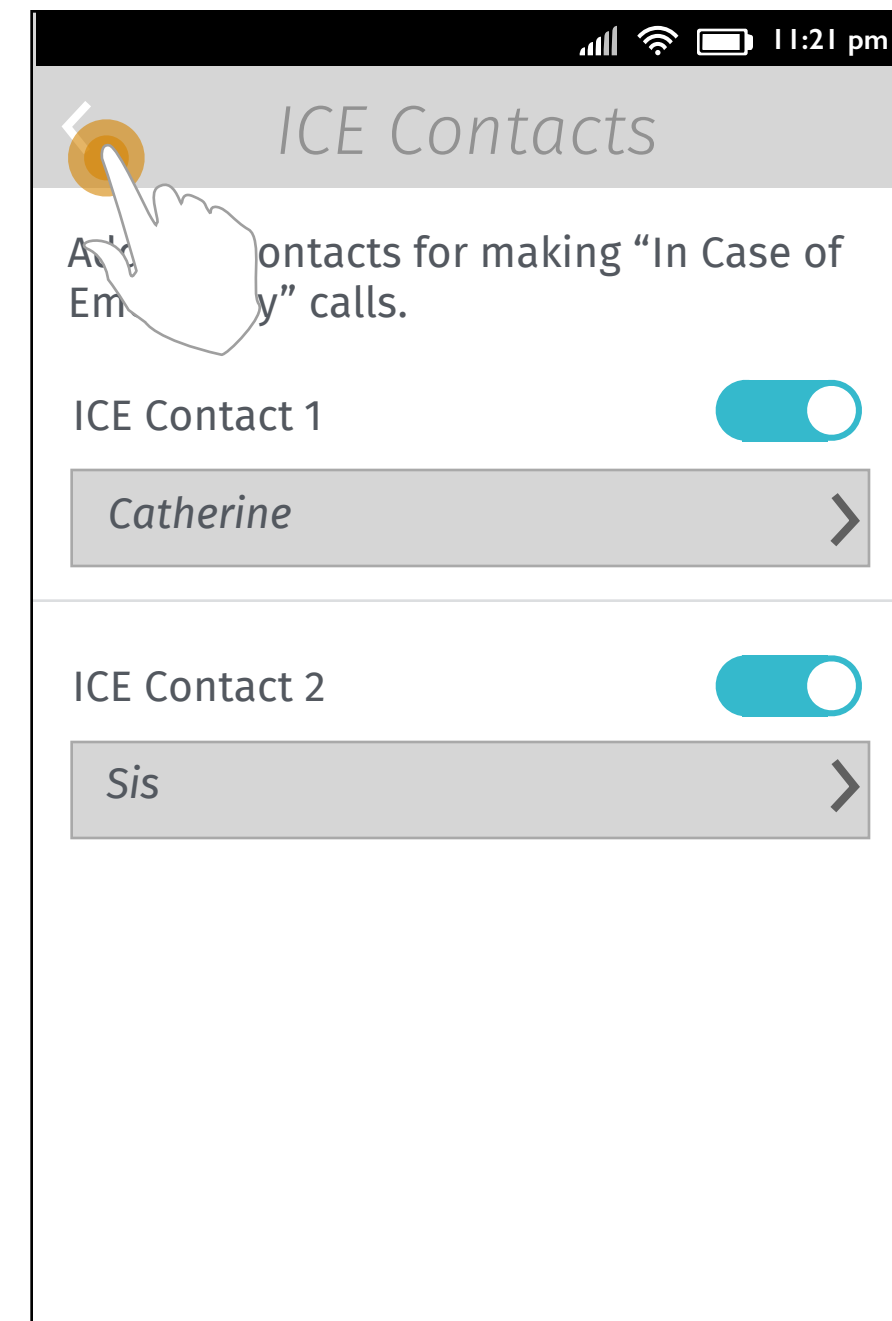
Single selection mode for
contact list pops up and user
selects one contact to close
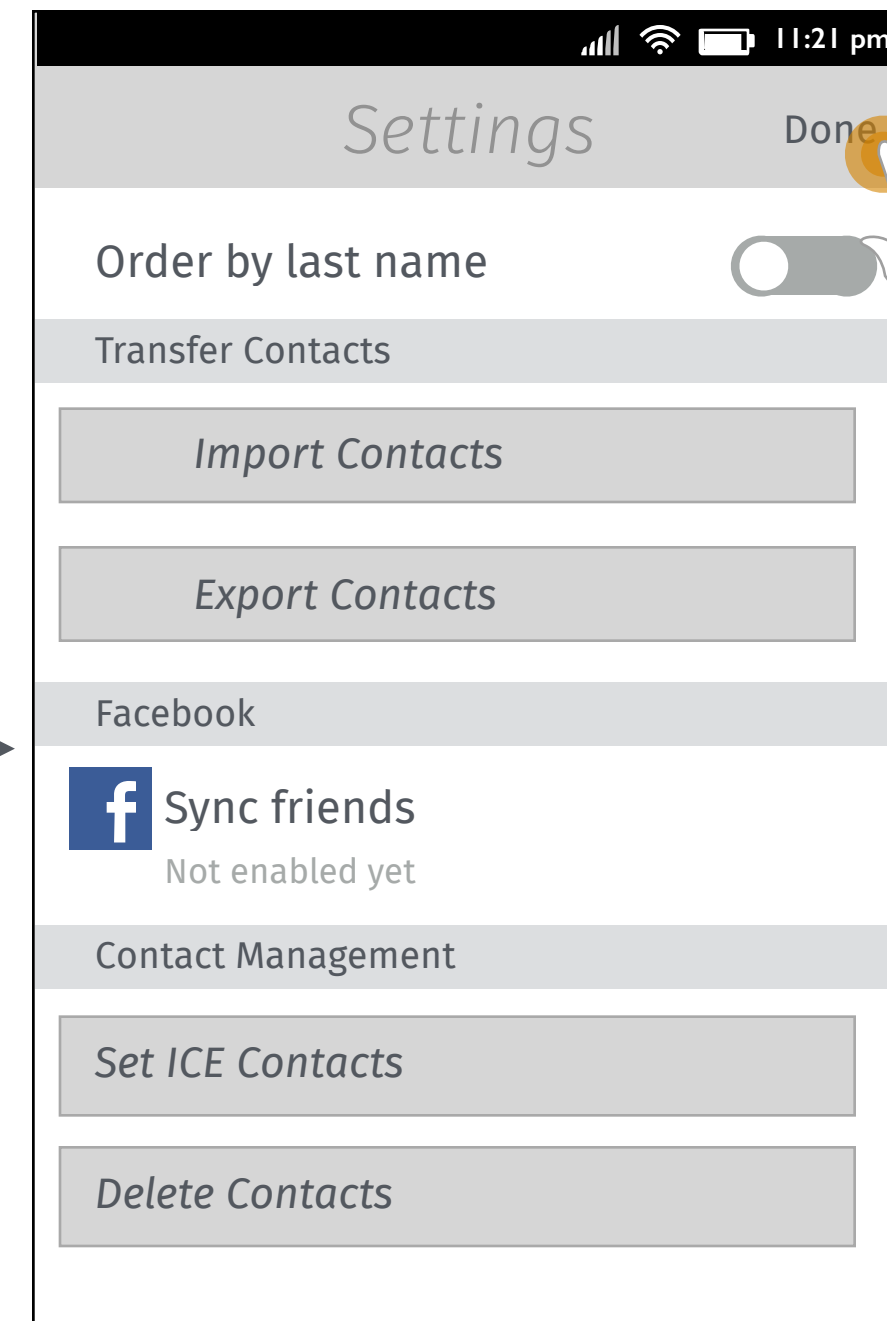window and go to Screen 5.

Tap "x" on left top to go back to
Screen3.

→ Select a contact →

5. [Finish 2 ICE contact settings]

‹ ICE Contacts

Add contacts for making "In Case of
Emergency" calls.

ICE Contact 1 ⬤

Catherine ›

ICE Contact 2 ⬤

Sis ›

After finishing two ICE contacts
settings, user taps back key on
the top left to go back to
general Contacts settings.

→ Tap back key →
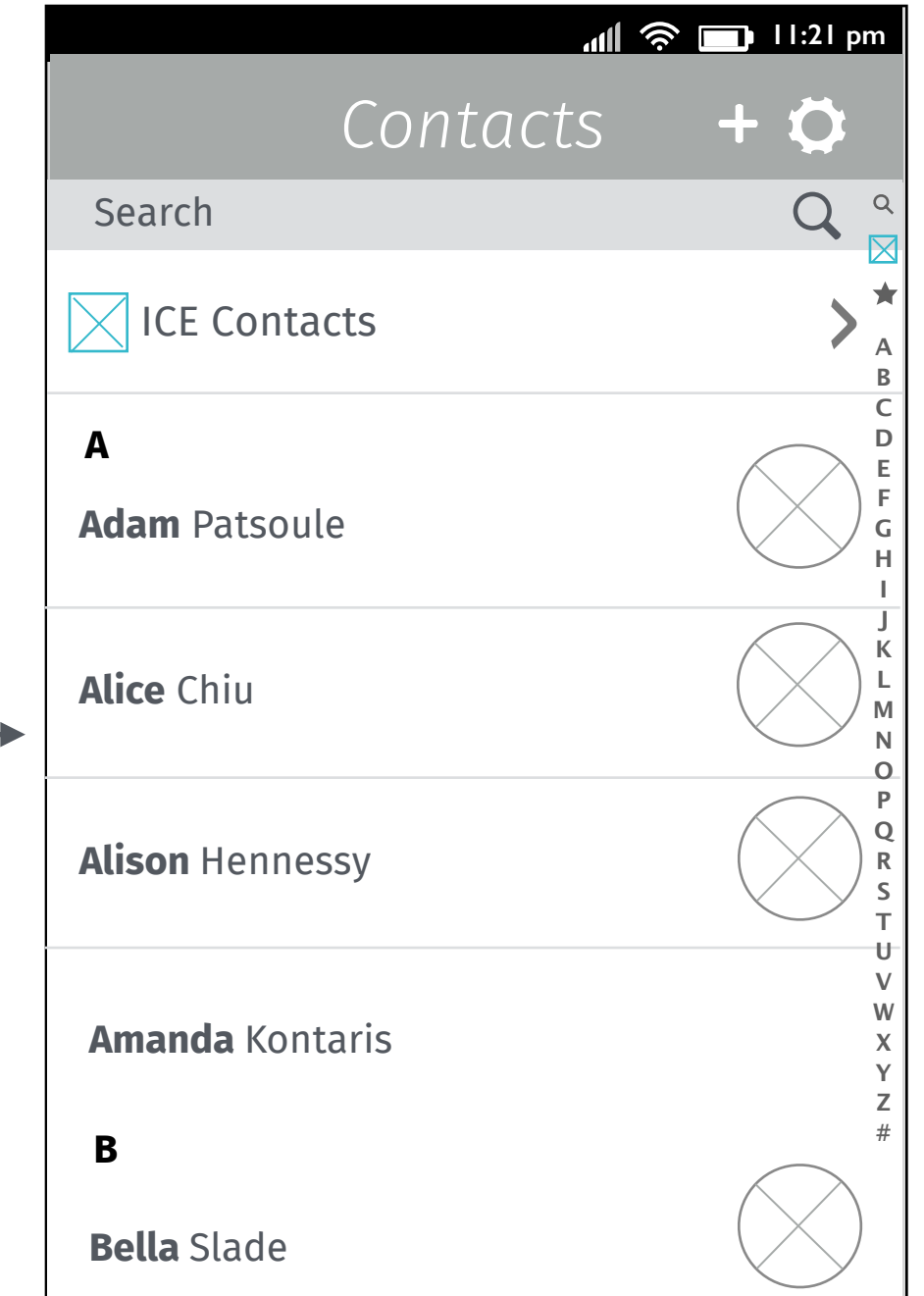
6. [Done Contacts settings]

Settings   Done

Order by last name ⬤

Transfer Contacts

Import Contacts

Export Contacts

Facebook

f Sync friends
   Not enabled yet

Contact Management

Set ICE Contacts

Delete Contacts

User taps "Done" to close the
Contacts settings.

→ Tap Done →

7. [Contacts with ICE Contacts section]

Contacts   + ⚙

Search 🔍

⊠ ICE Contacts ›

A

Adam Patsoule ⊗

Alice Chiu ⊗

Alison Hennessy ⊗

Amanda Kontaris

B

Bella Slade ⊗

There will be an "ICE Contacts"
section in Contacts APP after
user has set ICE contact.

Call ICE Contacts from Contacts APP

1. [Contacts list in Contacts APP]
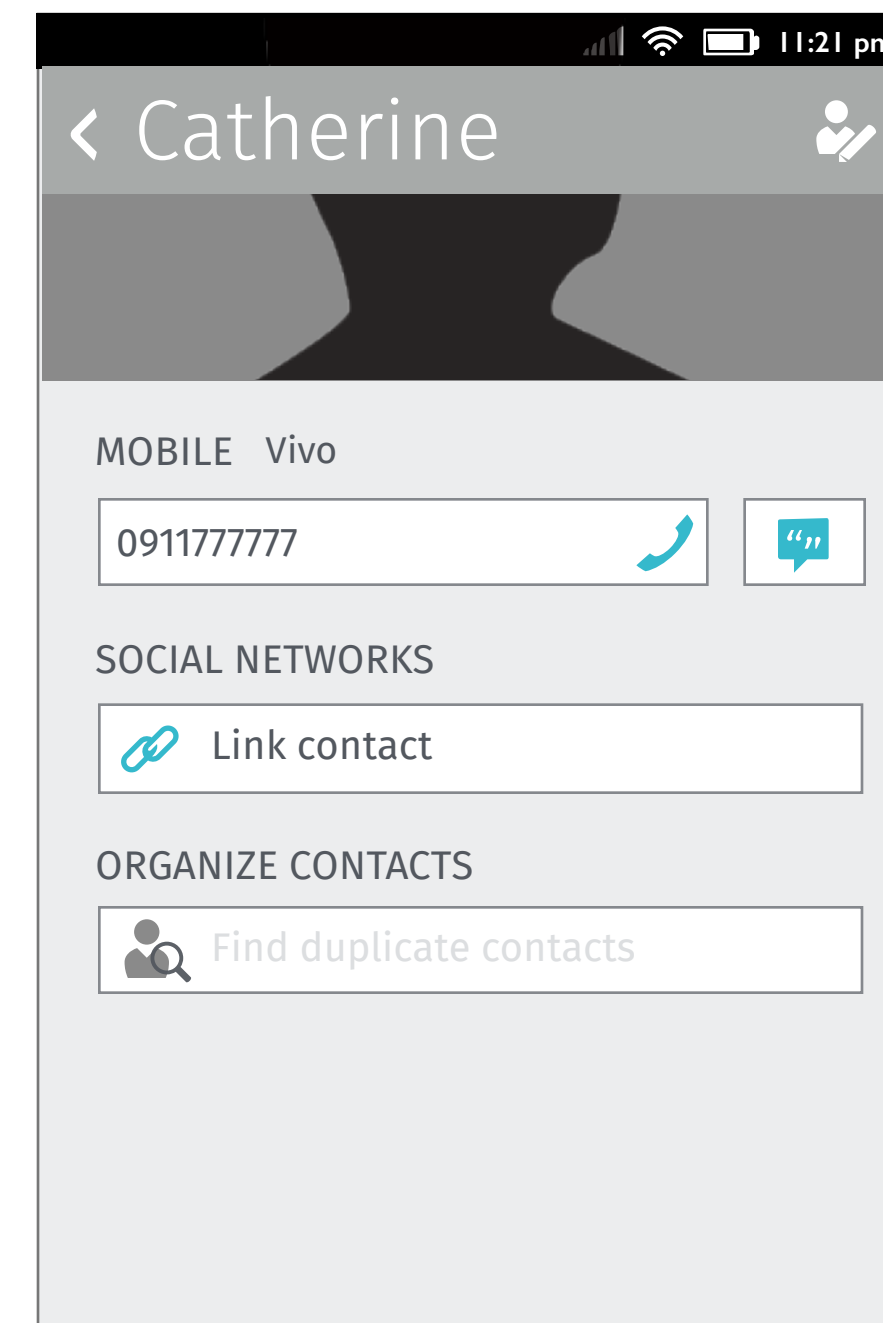

2. [ICE contacts]

3. [Contact details]

Tap
ICE Contacts

Tap
Catherine
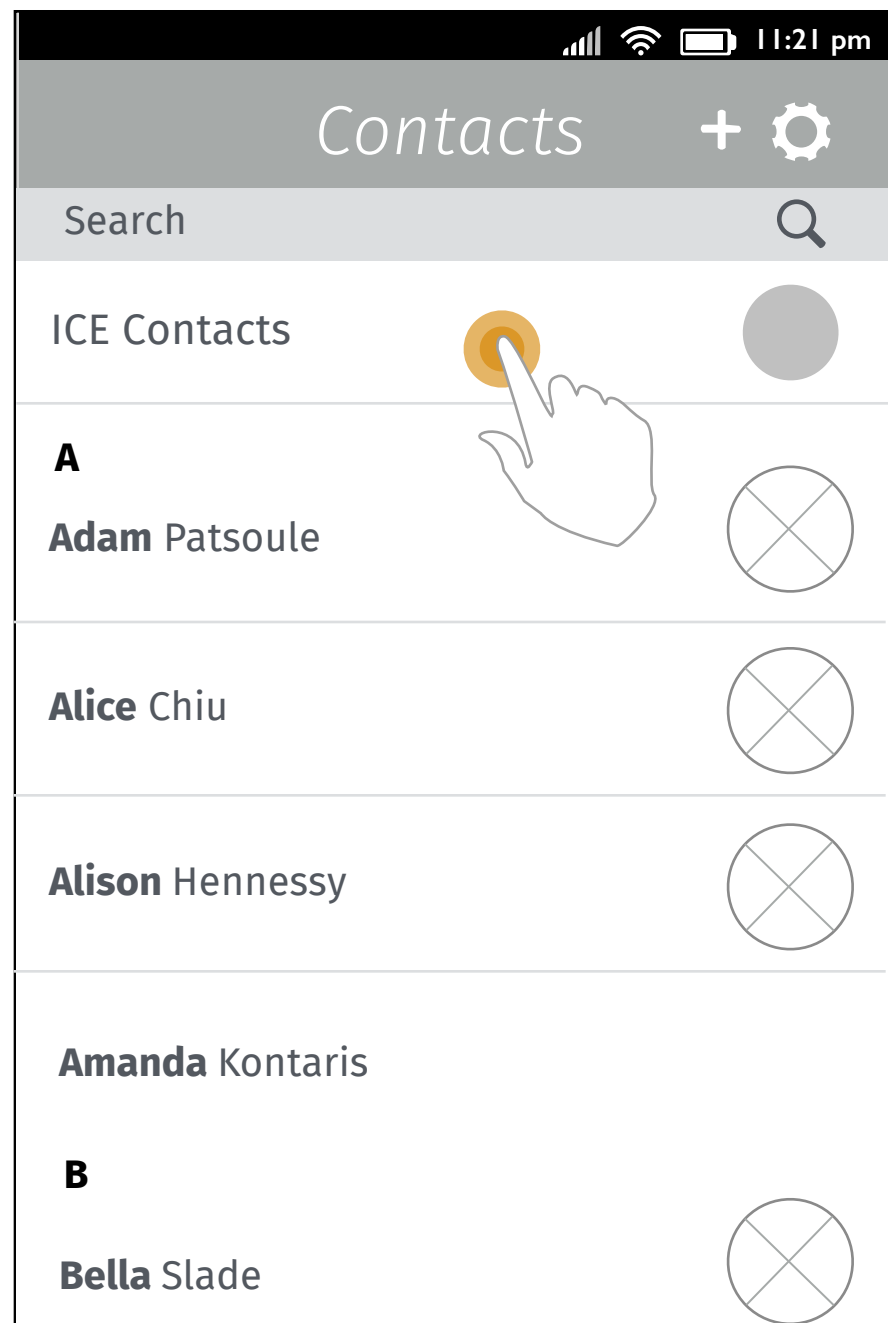
User taps the ICE Contacts section in Contacts APP.
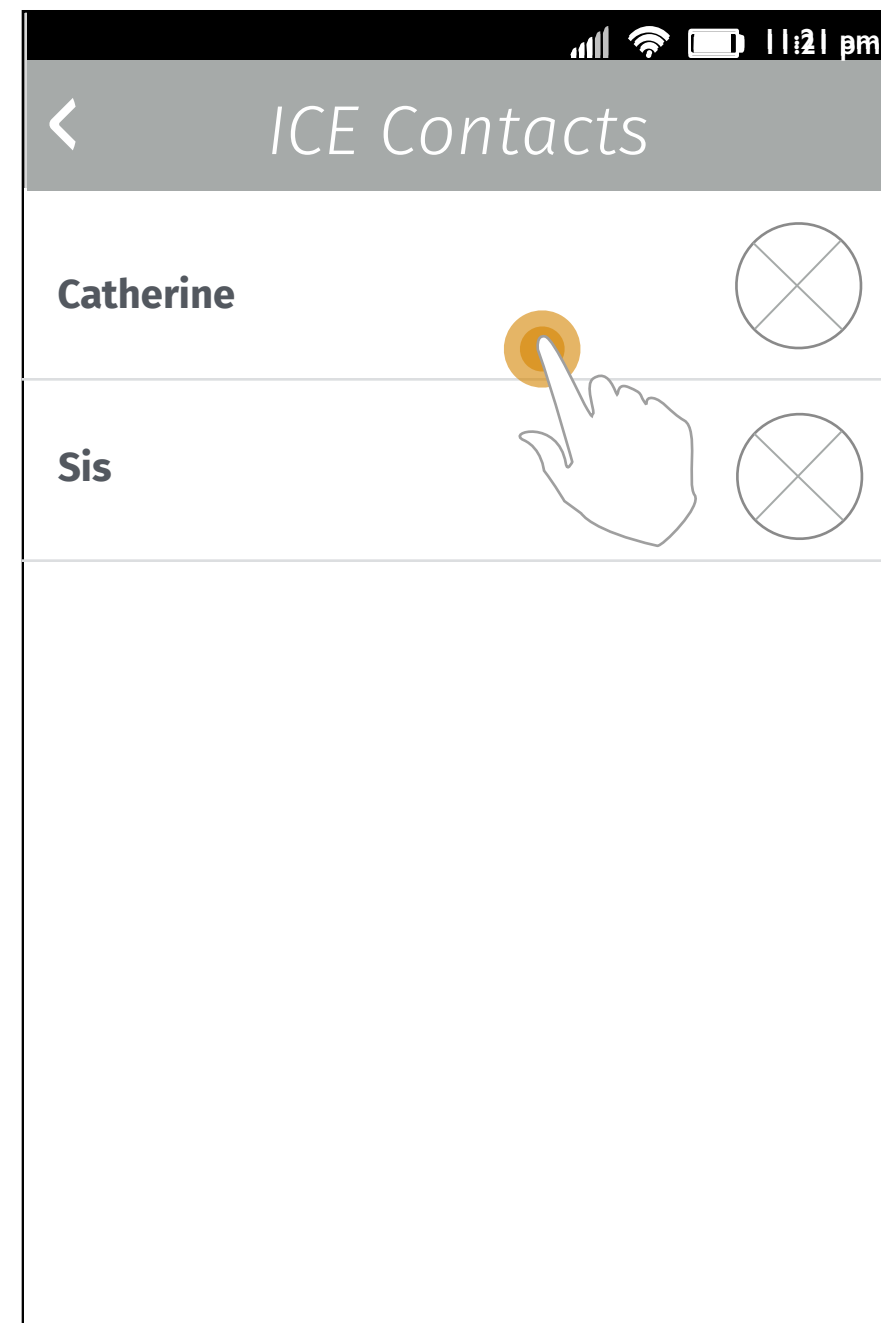
Display the contacts that user has set for emergency.

Details of the contact slides in.

Call ICE Contacts from Lockscreen (passcode set)

1. [Lockscreen]

Chunghwa

10:10 AM
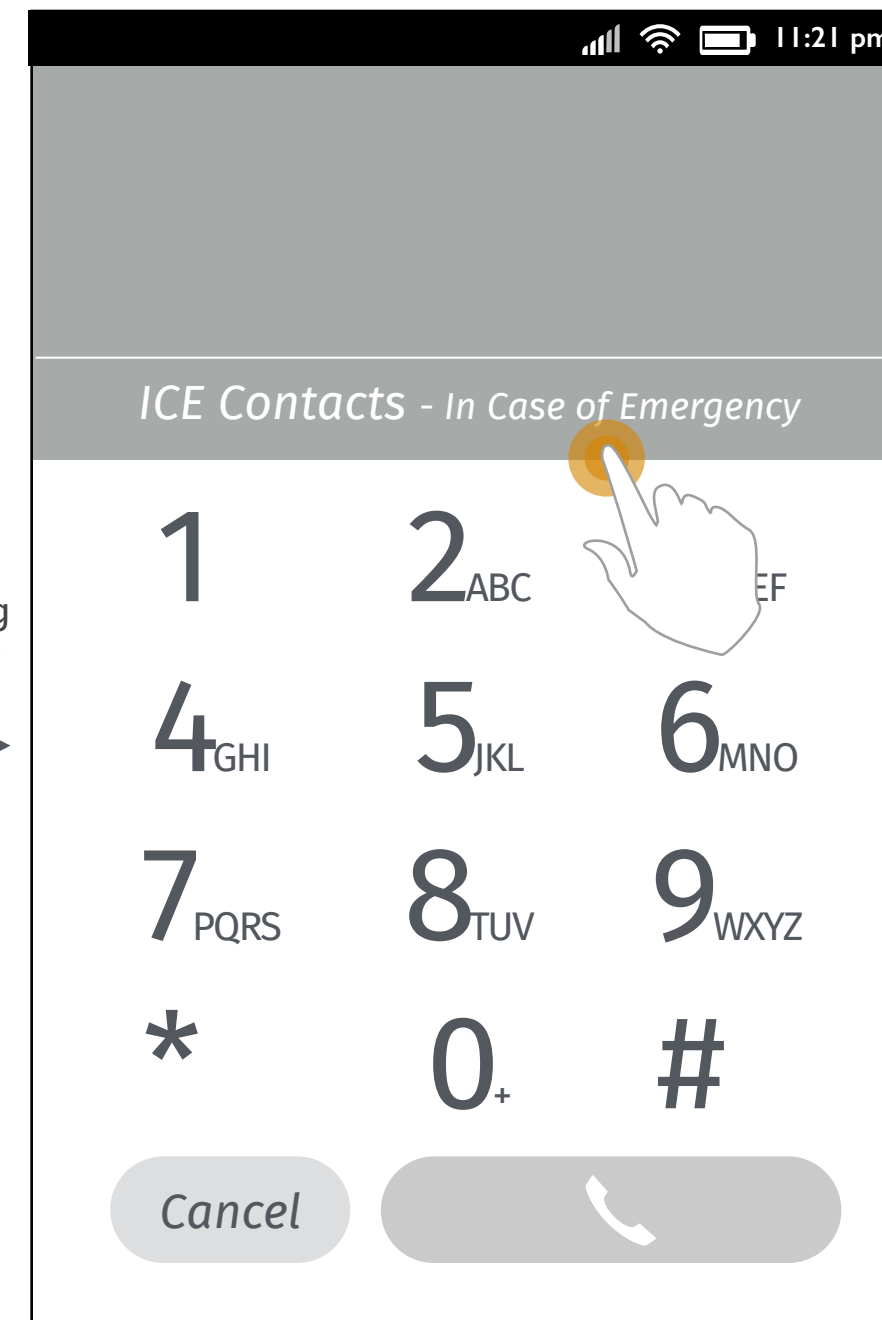
Thursday, June 6

User unlocks the screen.

Drag to unlock →

2. [Passcode keypad triggered]

Chunghwa

10:10 AM

Thursday, June 6

1.	2 ABC	3 DEF
4 GHI	5 JKL	6 MNO
7 PQRS	8 TUV	9 WXYZ
EMERGENCY CALL	0	⌫

The keypad pops up and user taps the emergency call button.

Tap Emerg–ency call →

3. [Dialer for emergency call]

ICE Contacts - In Case of Emergency

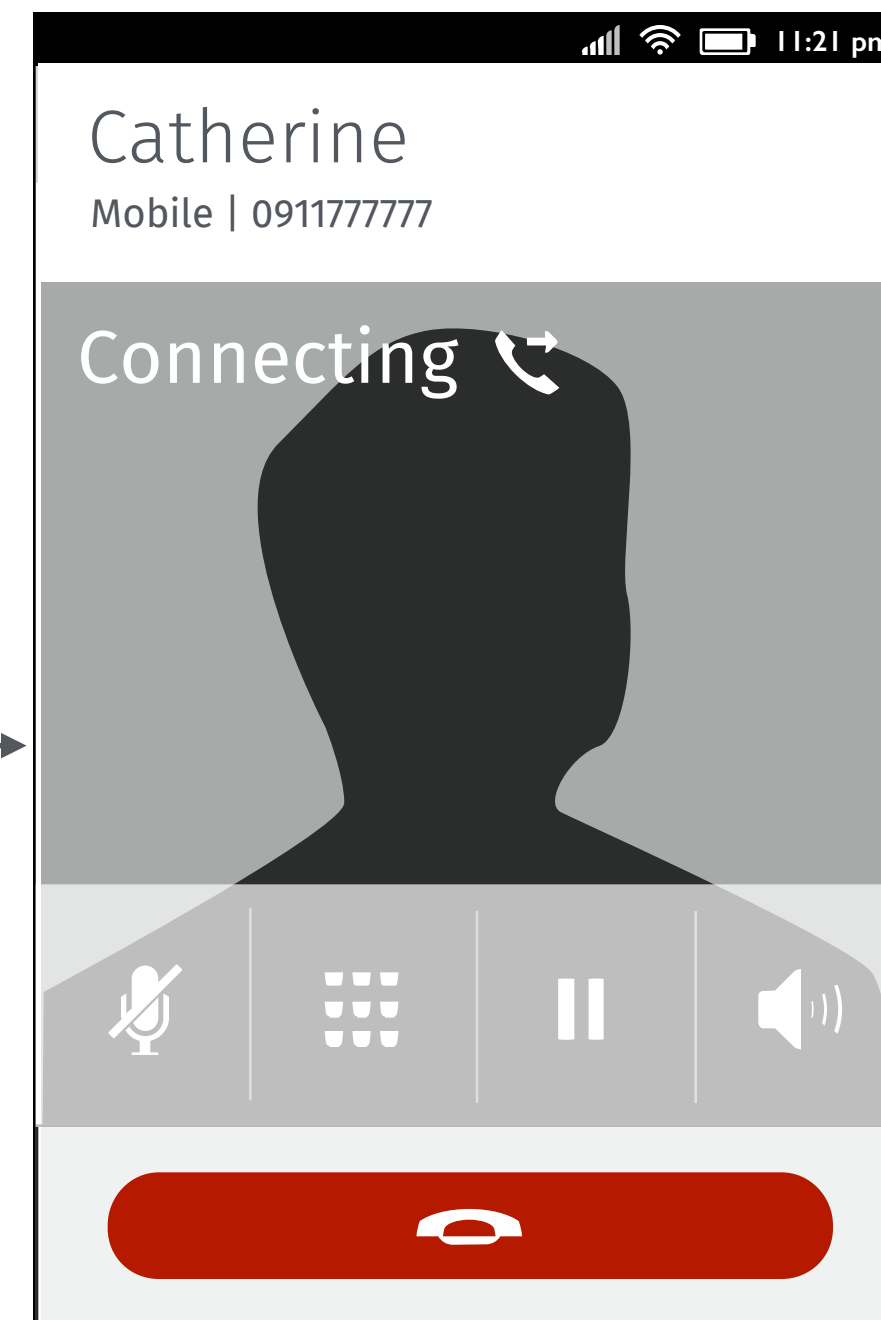| 1 | 2ABC | ?EF |
4GHI	5JKL	6MNO
7PQRS	8TUV	9WXYZ
*	0.	#

Cancel   ☎

User will be redirected to Dialer (only for emergency calls). User can tap the ICE contacts section above the keypad to trigger the ICE contacts list.

Tap ICE Contact →

4. [ICE Contacts menu]

ICE Contacts

Catherine
Mobile| 0911777777

Sis
Mobile| 0911266666

Cancel

The ICE Contacts menu pops up. User select one to make an emergency call.

Tap →

5. [Call page]

Catherine
Mobile | 0911777777

Connecting ↳

The call is dialing out.

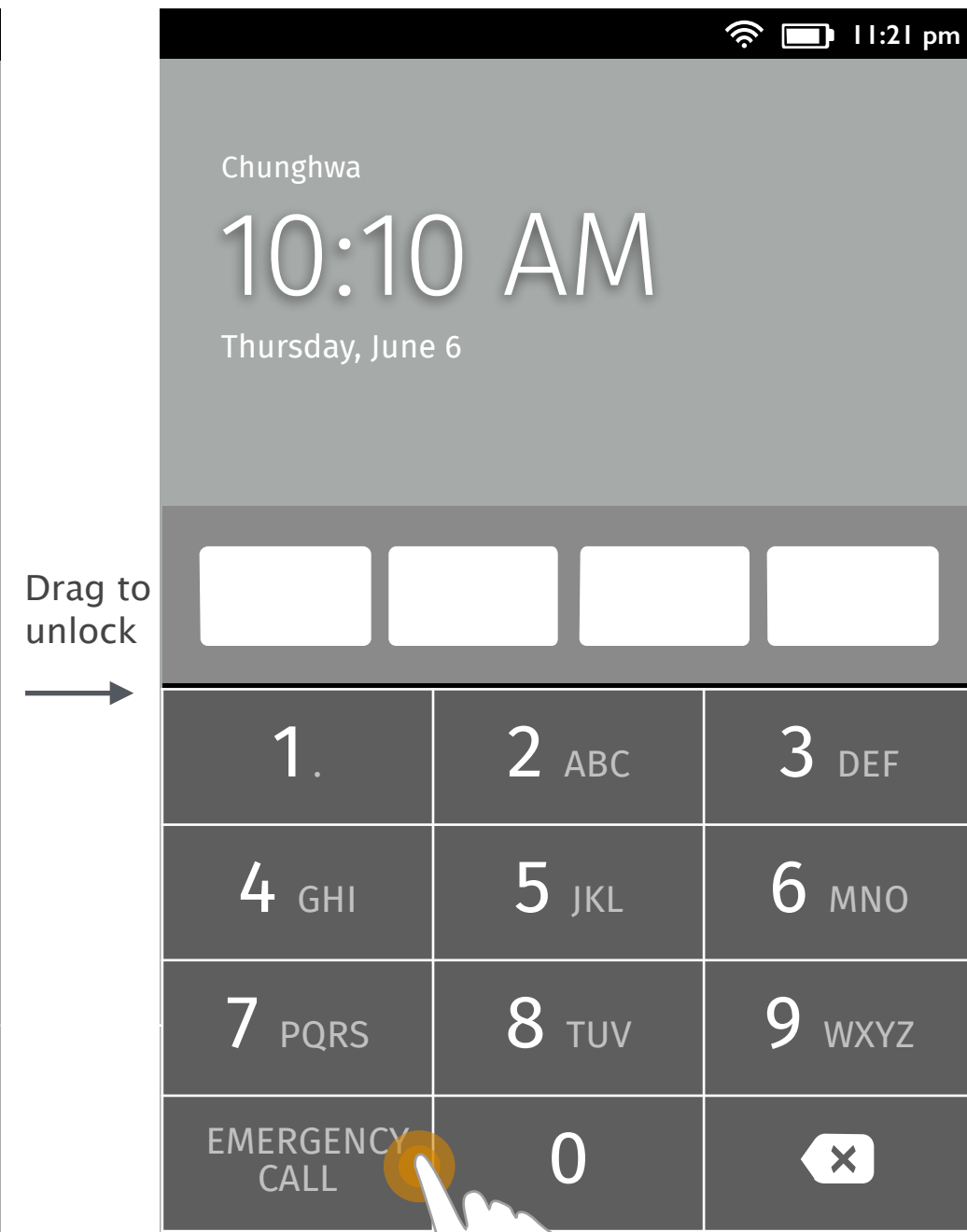## 1. [Lockscreen]

Chunghwa

10:10 AM

Thursday, June 6

The SIM PIN is locked. Hence there is no signal bar on status bar.

User unlocks the screen.

Drag to unlock →

2. [Passcode keypad triggered]

Chunghwa

10:10 AM

Thursday, June 6

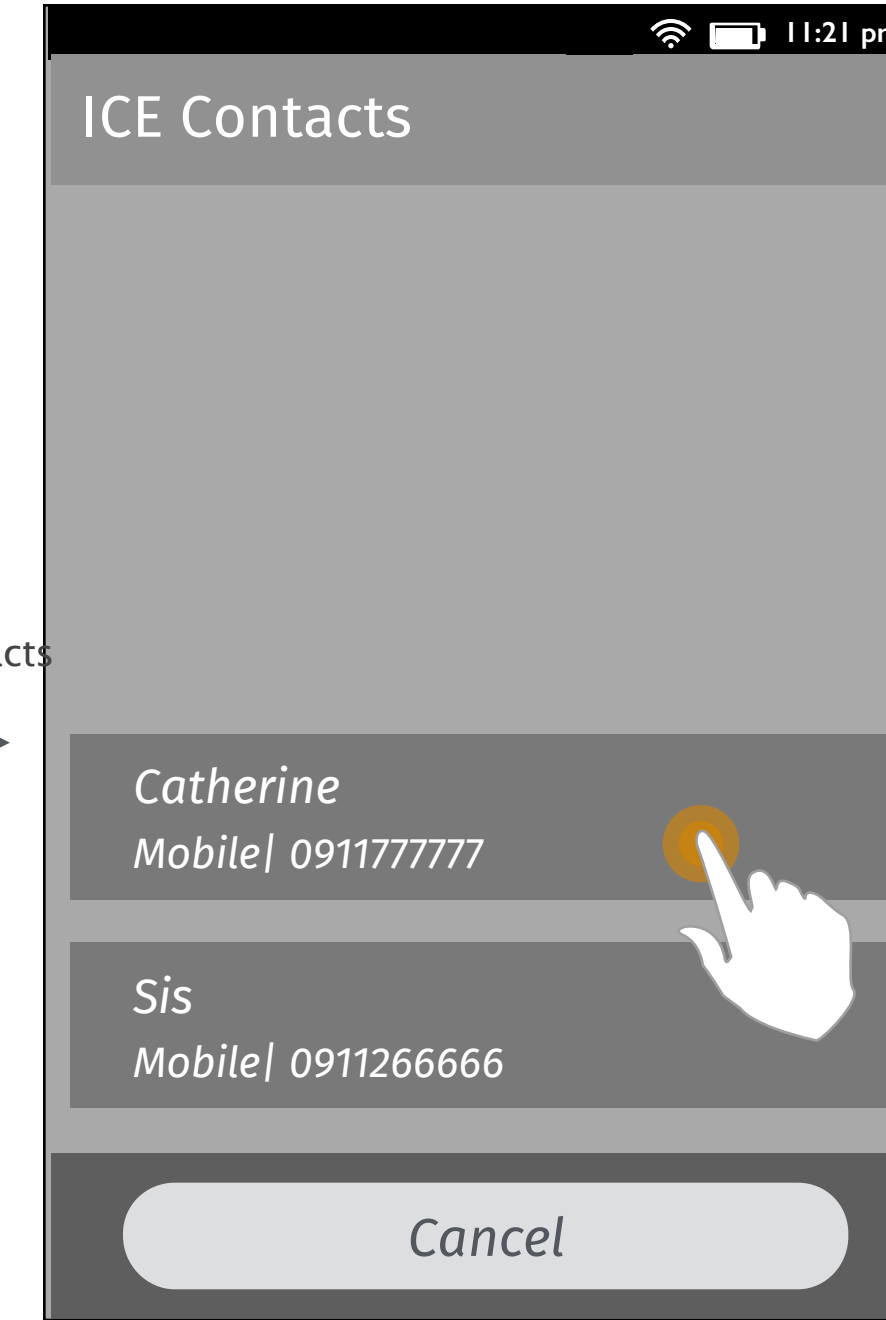| 1 . | 2 ABC | 3 DEF |
4 GHI	5 JKL	6 MNO
7 PQRS	8 TUV	9 WXYZ
EMERGENCY CALL	0	⌫

The keypad pops up and user taps the emergency call button.

Tap Emerg–ency call →

3. [Dialer for emergency call]

ICE Contacts - In Case of Emergency

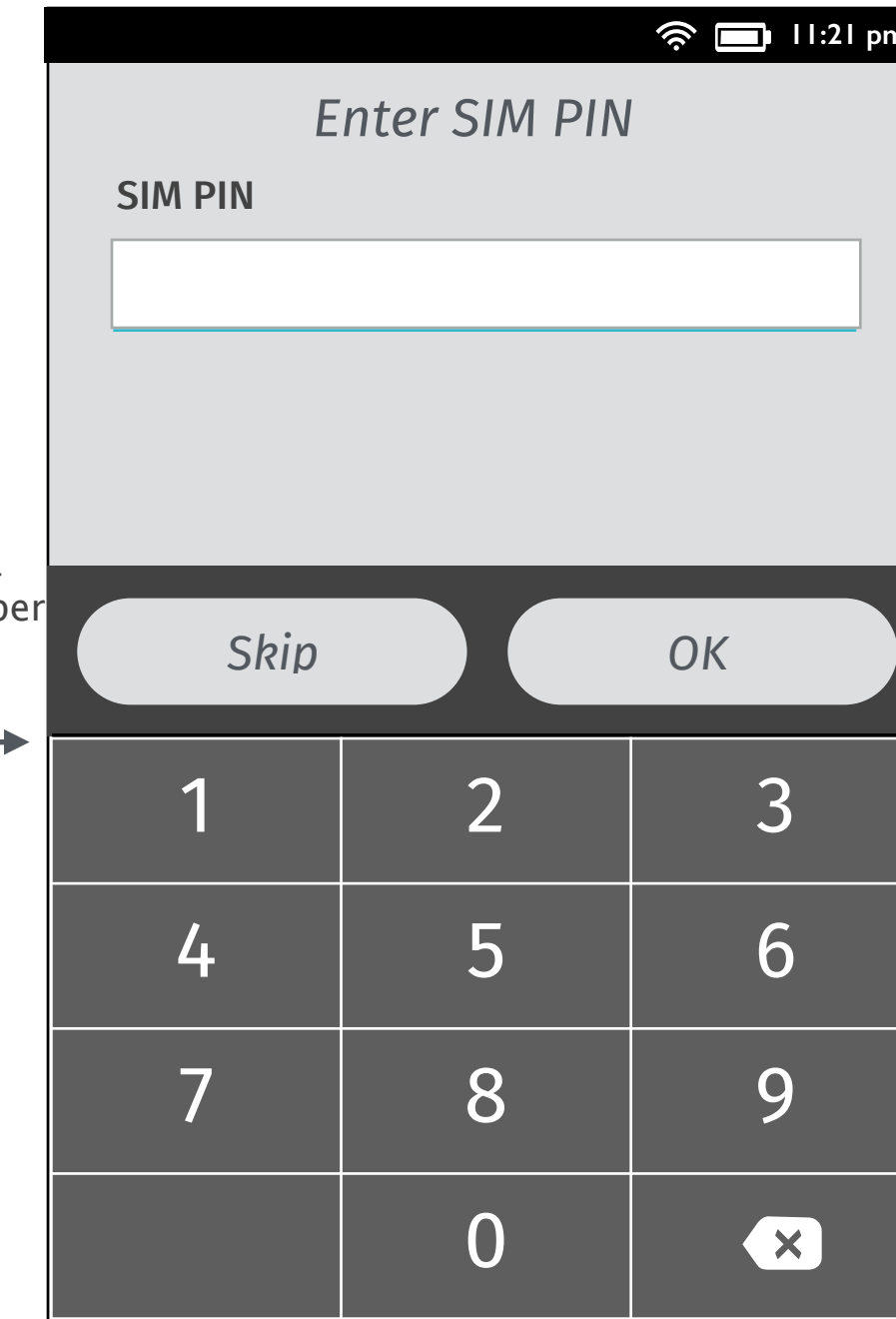| 1 | 2ABC | EF |
4GHI	5JKL	6MNO
7PQRS	8TUV	9WXYZ
*	0.	#

Cancel | ☎

User will be redirected to Dialer (only for emergency calls). User can tap the ICE contacts section above the keypad to trigger the ICE contacts list.

Tap ICE Contacts →

4. [ICE Contacts menu]

ICE Contacts

Catherine
Mobile| 0911777777

Sis
Mobile| 0911266666

Cancel

The ICE Contacts menu pops up. User select one to make an emergency call.

Tap a number →

5. [SIM PIN page]

Enter SIM PIN

SIM PIN

Skip | OK
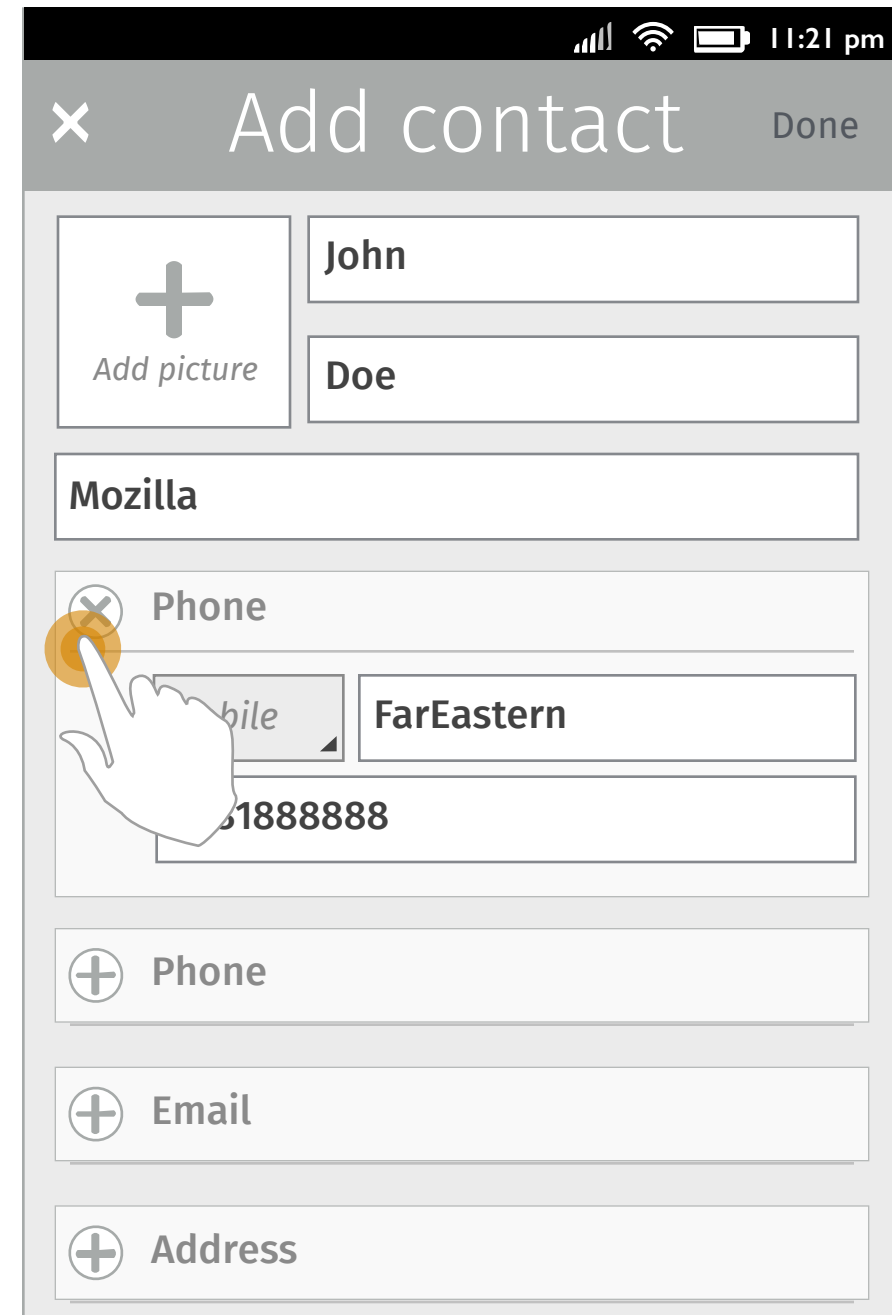
1	2	3
4	5	6
7	8	9
	0	⌫
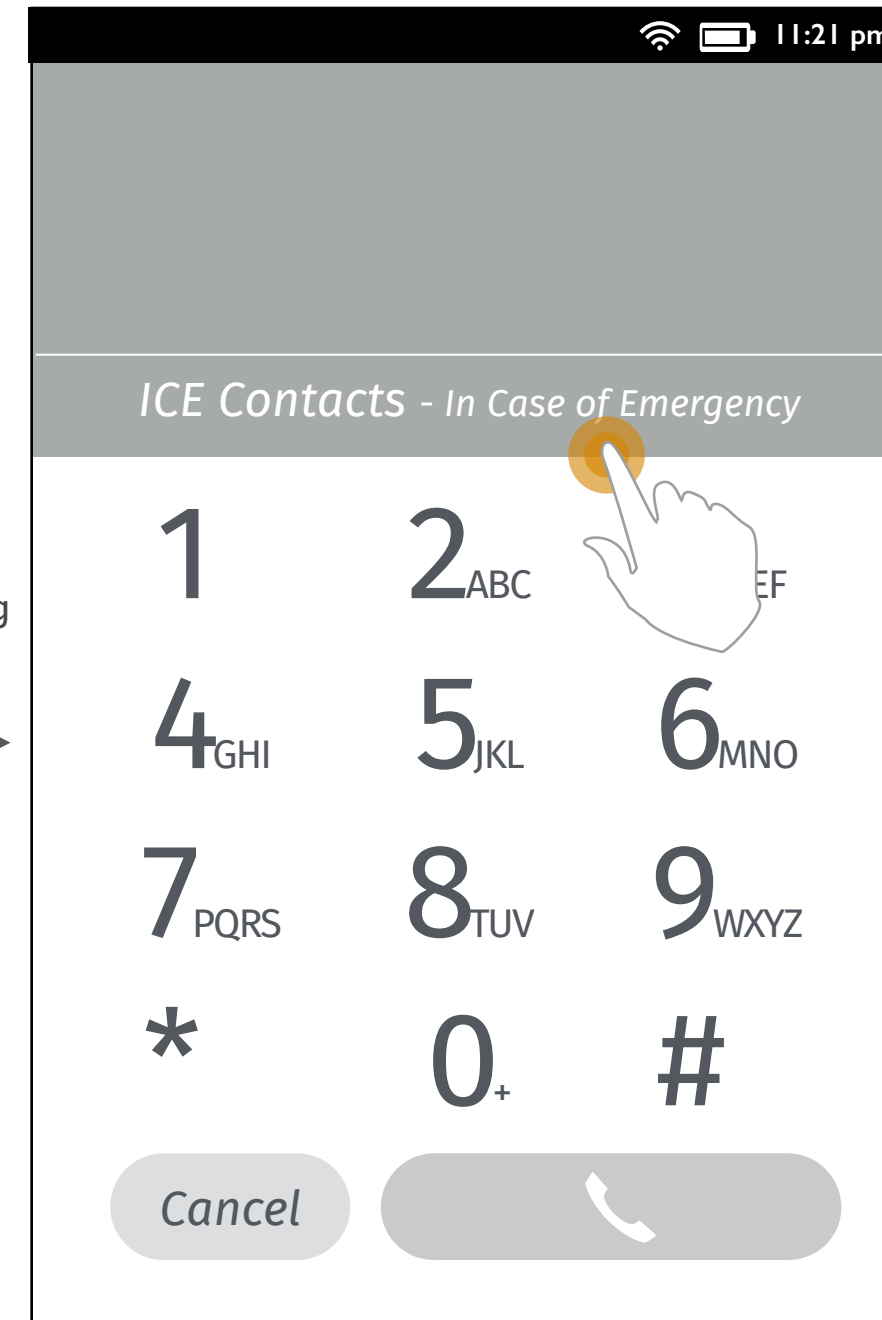
The SIM PIN entry page pops up. Input the PIN to call directly. Tap "Skip" will get back to Screen 4 and SIM keeps locked.

If it's dual SIM device, it will follow DSDS rule. Pop up the primary SIM page and the call will be dialed out from that SIM. If it's "Always" ask it will pop up the SIM picker when user place a call.
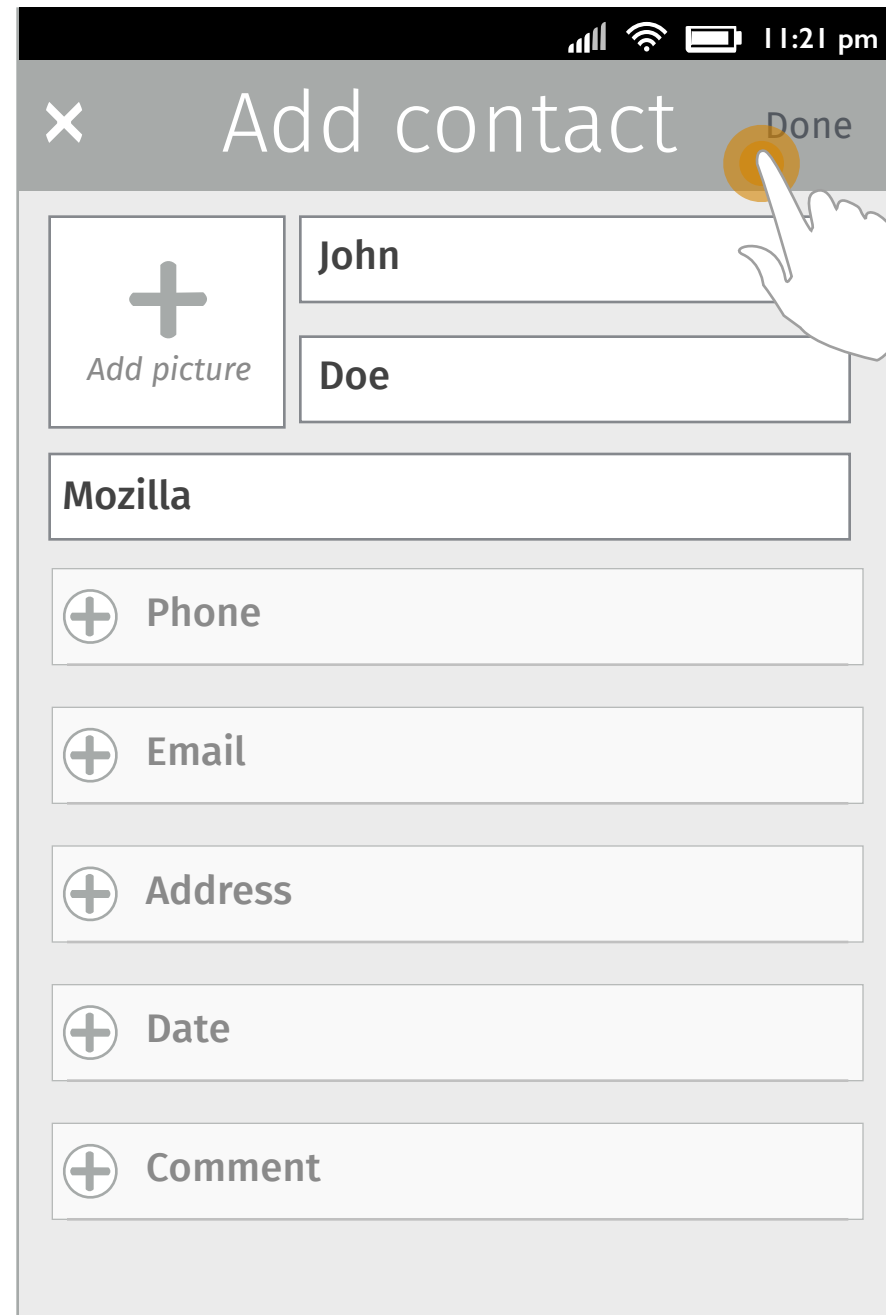
Remove the number which is set for ICE (ICE contact's numbers deleted)
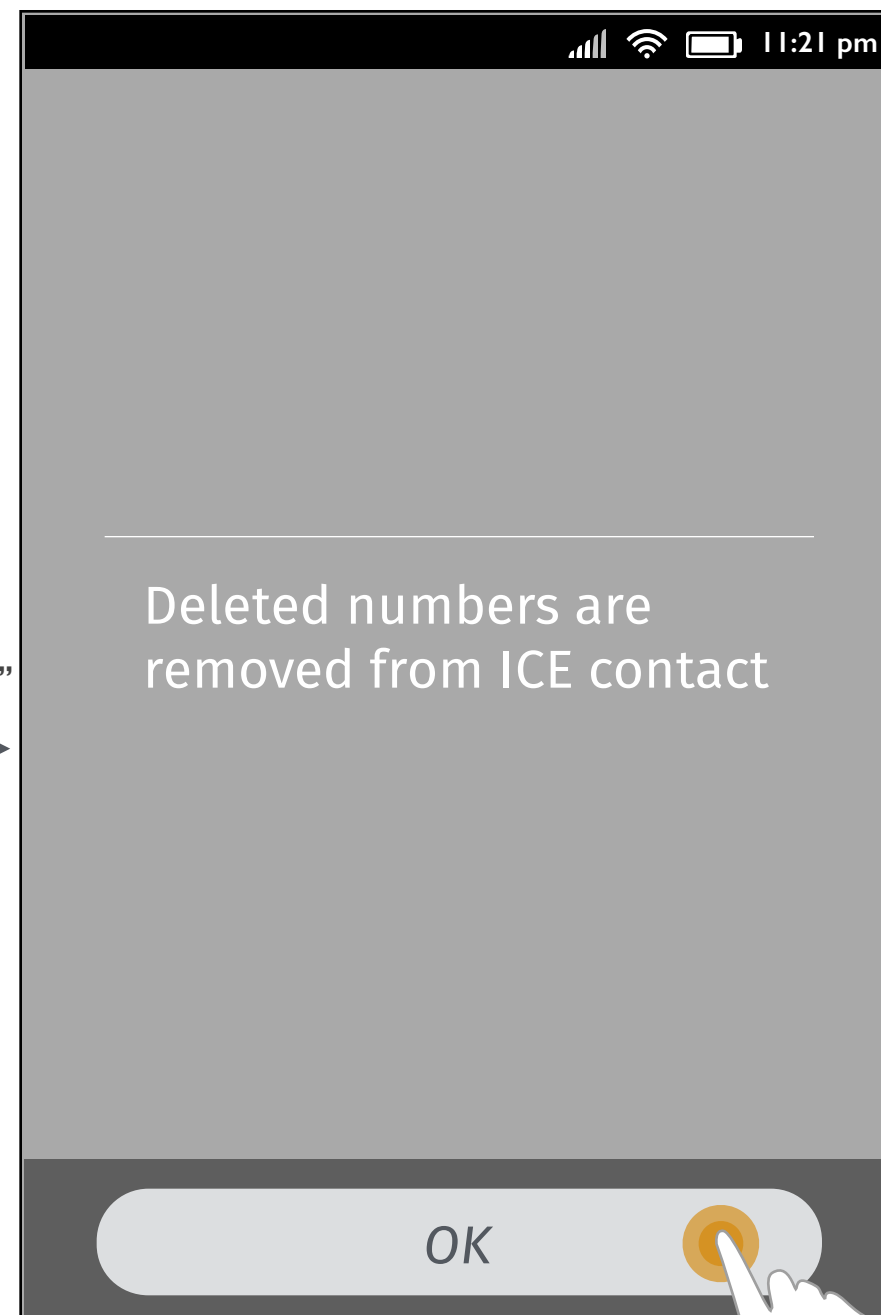
1. [Contact edit page]

Add contact   Done

John
Doe
Mozilla

⊗ Phone
▼ Mobile | FarEastern
81888888

⊕ Phone
⊕ Email
⊕ Address

Tap "x" →

User taps the "x" button to delete the whole Phone numbers.

2. [Phone numbers deleted]

Add contact   Done

John
Doe
Mozilla

⊕ Phone
⊕ Email
⊕ Address
⊕ Date
⊕ Comment

Tap "Done" →

User taps Done to complete edit.

3. [Confirm window]

Deleted numbers are removed from ICE contact

OK

Tap "OK" →
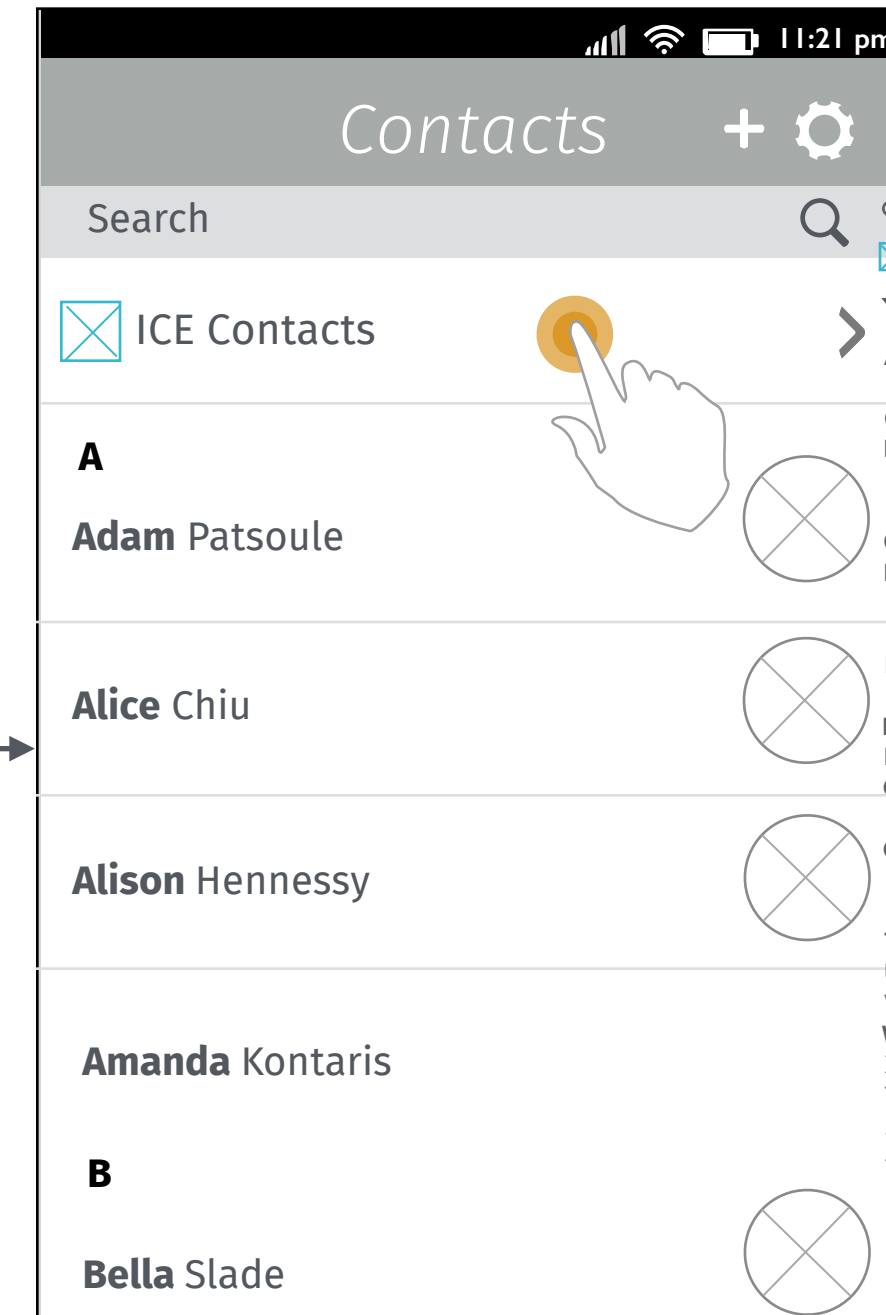
A confirm window pops up to inform users the deleted numbers are removed from ICE contact as well.

Taps OK to go back to the contact list or the ICE list (depends on where user accessed the edit page).

4. [ICE Contacts section]

Contacts   + ⚙

Search 🔍

☒ ICE Contacts ＞

A
Adam Patsoule
Alice Chiu
Alison Hennessy
Amanda Kontaris
B
Bella Slade

Tap ICE section →

If user only deleted the numbers of one the ICE contacts, the ICE section will still exist.

If user deletes all the numbers of both ICE contacts, the section will disappear.

5. [ICE Contacts list]
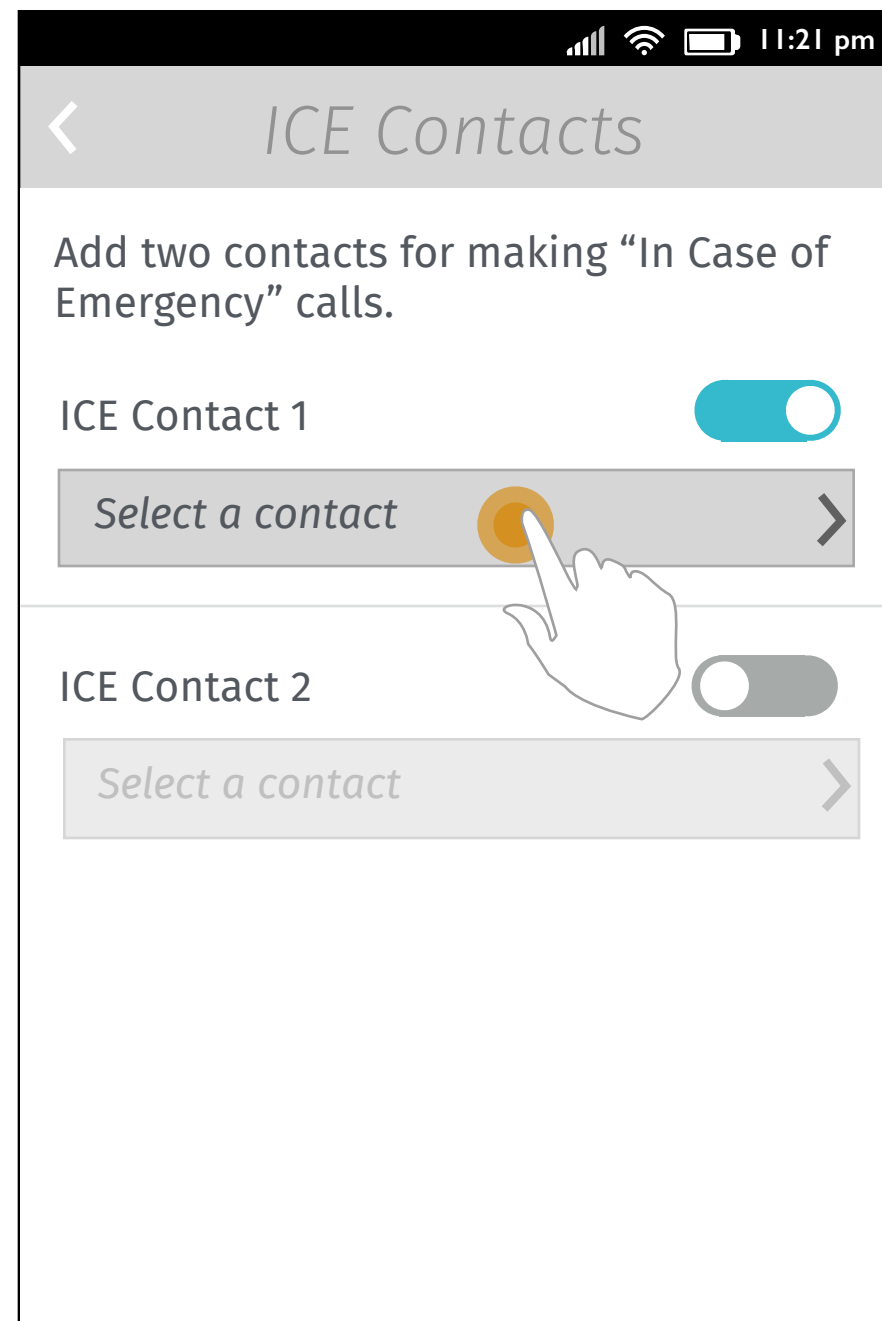
＜ ICE Contacts

Sis ⊗
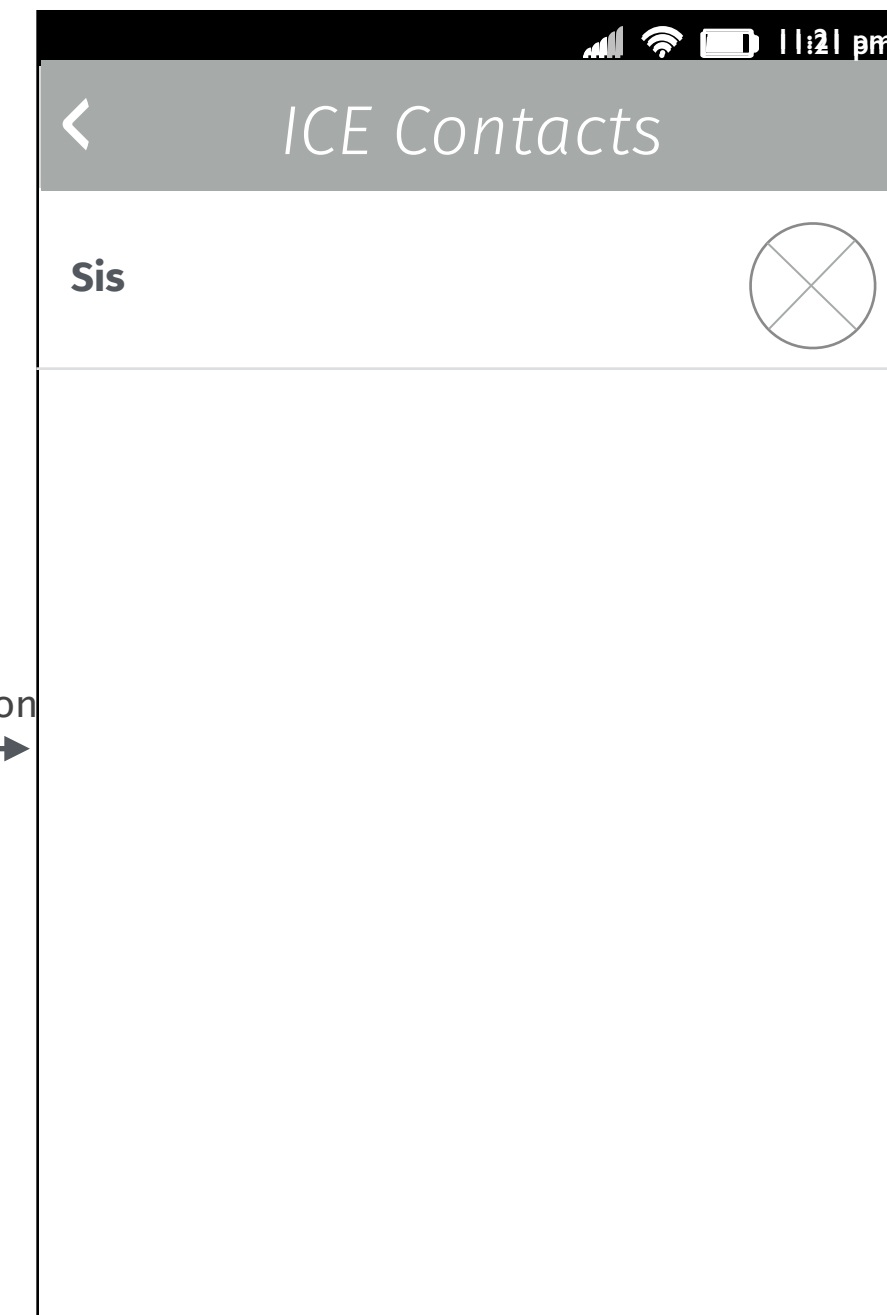
If the numbers of one of the ICE contacts are all deleted, the contact will be removed from the ICE list.

If that ICE contact has other numbers which are not deleted, he will still be in the list but the number will not displayed in contact details and the action menu triggered from Emergency call page.

Error case (The contact doesn't have phone numbers set in the details)

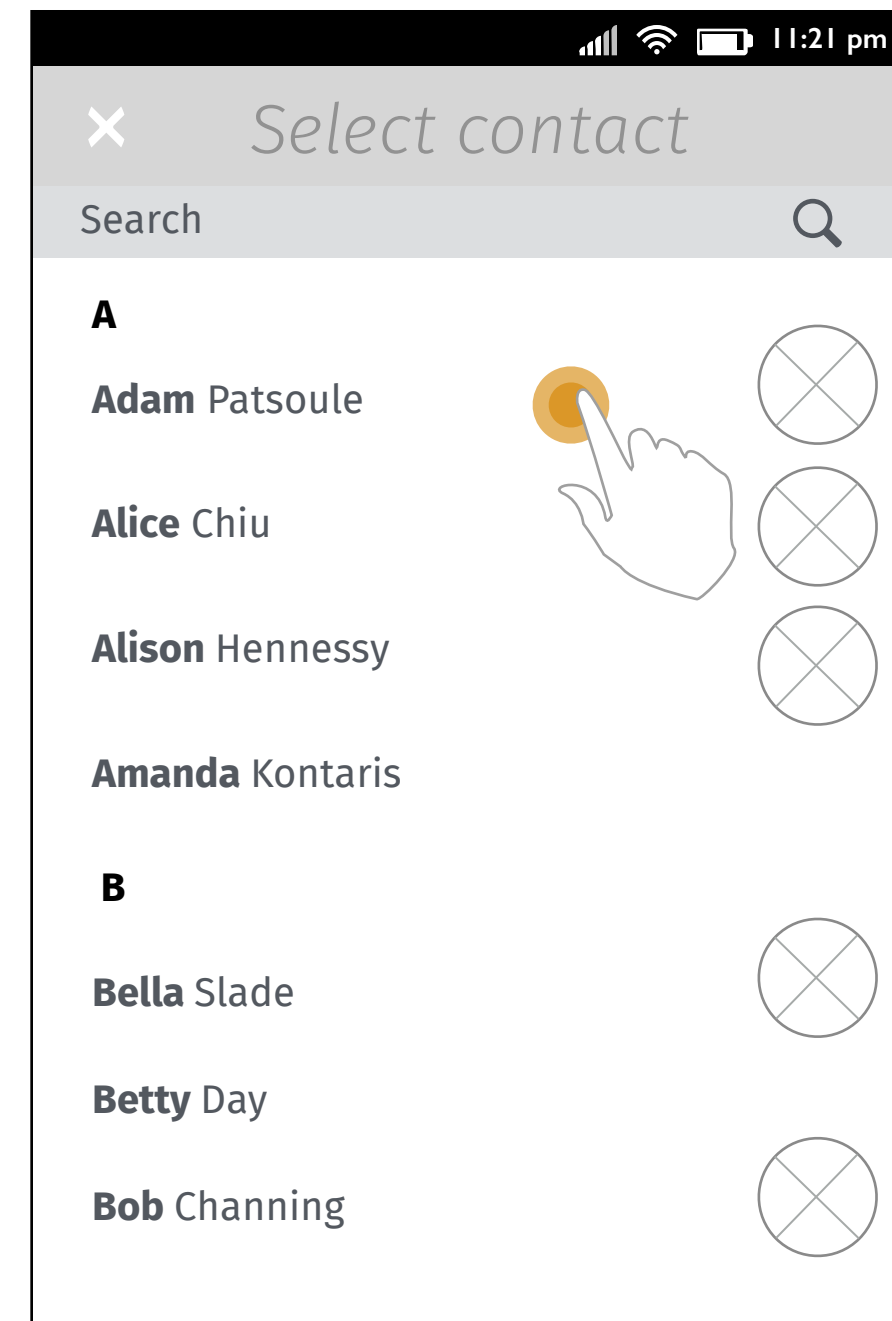## 1. [ICE contacts settings]

ICE Contacts

Add two contacts for making "In Case of Emergency" calls.

ICE Contact 1

Select a contact

ICE Contact 2

Select a contact

Tap "Select a contact"

User taps the action button to select a contact as the ICE contact 1.

2. [Contact picker]

Select contact

Search

A

Adam Patsoule

Alice Chiu

Alison Hennessy

Amanda Kontaris

B

Bella Slade

Betty Day

Bob Channing

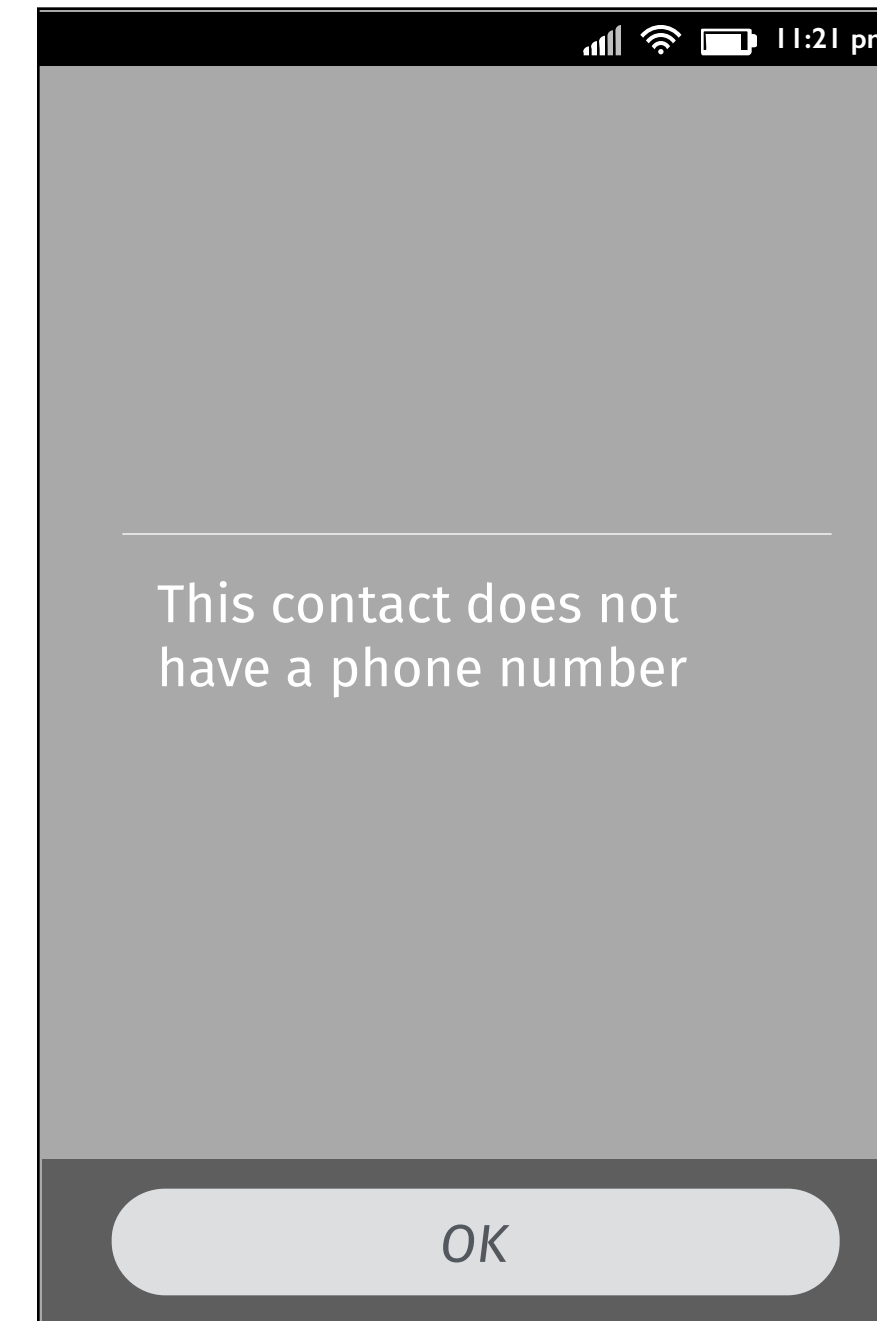Select a contact

The contact "Adam Patsoule" is selected but doesn't have phone numbers set in contact details.

3. [Confirm window]

This contact does not have a phone number

OK

A confirm window pops up and inform user that the contact doesn't have phone numbers.

Tap OK to go back to Screen 2.

Thanks!

from your friends at Mozilla UX!