

# SafeTime iOS App Wireframes

Created by Zach Kuzmic 12/1/13

## About this document

This is the complete set of wireframe specifications for the SafeTime iOS app. They are meant to communicate the user flow, functionality, and layout of the app. It is assumed that a visual designer will later add visual assets (fonts, colors, and other visuals) to these screens before they are built into the app.

### Jump to...

Blue links below are clickable

[Start Screen](#)

Users will be sent here the first time they open the app or if they have been logged out.

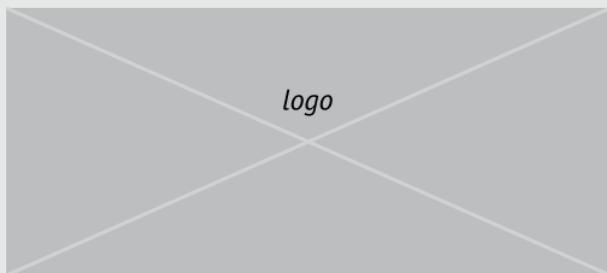
[Dashboard](#)

Users that are already logged in will be sent here when they open the app.

[Other misc.  
screens](#)

Including the “Alert Active” screen, push notifications, etc.

# SafeTime



**Connect my SafeTime device**

- OR -

Login without connecting new device  
*(must have preexisting SafeTime account)*

## Start Screen

The first time a user starts the app, or if they have been logged out, they will see this screen when opening the app.

If there is already SafeTime device paired with the phone via bluetooth, the user will be taken directly to the “Is this you?” screen instead of this screen.

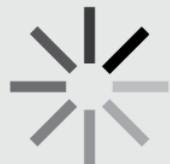
To create an account, the user must connect their SafeTime device. This flow begins on the next page of this doc.

To login with an existing account, the user will tap here and go to the **Login Screen**

[Back](#)

Device Setup

# Searching for device...



## Searching for device

Initial Setup

If device is found, continue to next slide.

If device is not found, the following dialog box should appear. “Try Again” clears the box and searches for the device again. “Cancel” returns the user to the [Start Screen](#)

### Device not found

Make sure your device is on and  
the light is flashing.

[Cancel](#)[Try Again](#)

••••• ATT

9:25 PM

100%

Back

Device Setup

# Device found!



Establishing connection...

## Device Found

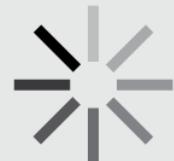
Initial Setup

Establishing connection... continue to next slide.

[Back](#)

## Device Setup

# Device found!



## Connected!

# Device Found

Initial Setup

If device **is not** already connected to an existing SafeTime account, continue to next slide.

If device **is** already connected to an existing SafeTime account, user is taken to the “Is this you?” screen

[Back](#)

## Create Account

Now that your device is setup, we need a little info from you:

 Name Email Mobile[Continue](#)

## Create Account

[Initial Setup](#)

The necessary account information will be collected here. Notice that there is no password field. Instead of a password, SafeTime will require a pin, to be set on the next screen.

My assumption is that a pin is easier to enter and more likely to be remembered.

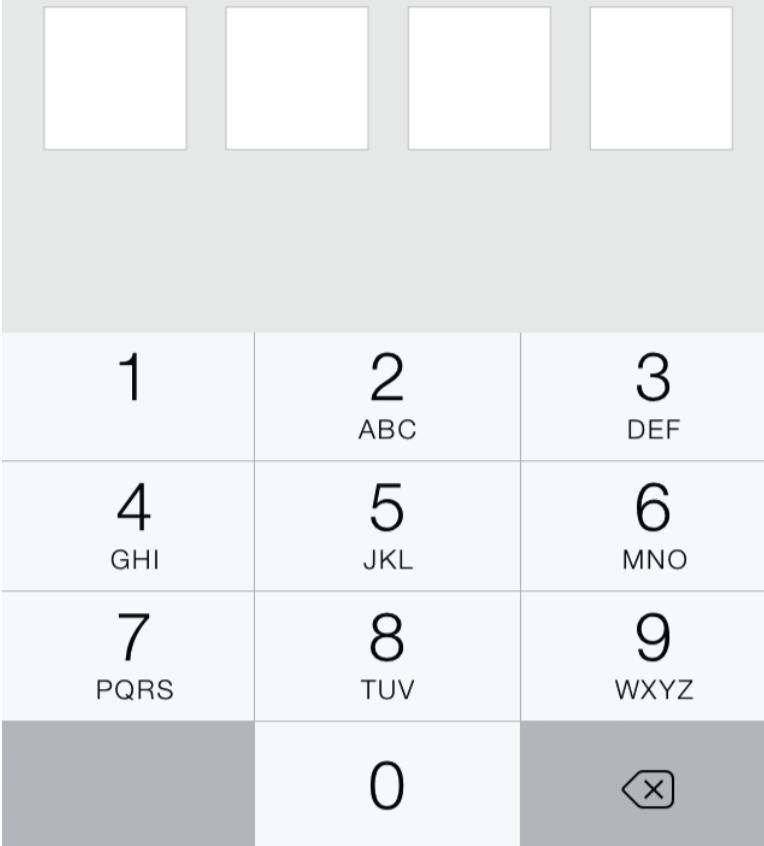
The final necessary info to be collected here TBD by SafeTime.

[Back](#)

Create Account

Confirmation email sent to  
**ldawg61255420@hotmail.com**

Now, set a passcode. This is used to  
shut off the SafeTime alarm or to  
edit account info.



## Set Pin

Initial Setup

A 4 digit pin will be set here. It will be used to login later (if logged out at any point) or to change account information.

Screen automatically advances after all four digits have been entered.

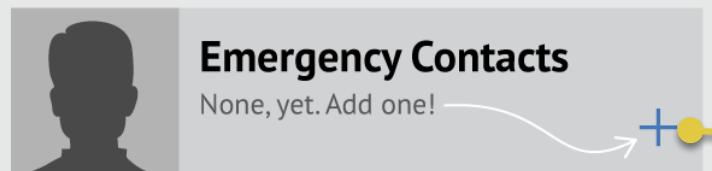
# Set Emergency Contacts

Initial Setup

[Back](#)

Emergency Contacts

Now, setup some emergency contacts. These people will be texted if your SafeTime alarm is ever activated.



Plus button adds a new contact, on next slide.

Or, you can skip this for now

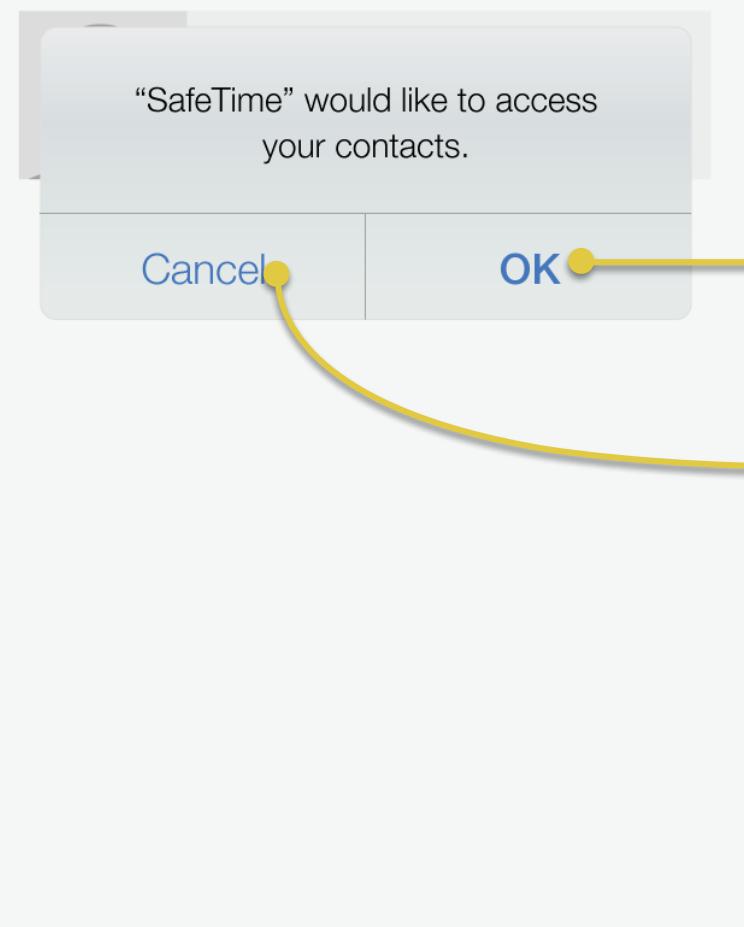
The user is encouraged to set emergency contacts here, but isn't required to. If they want to skip it, they can tap here and go straight to the [Setup Complete Screen](#)

\*\* Alert box warning that no one will be notified unless they add emergency contacts

[Back](#)

## Emergency Contacts

Now, setup some emergency contacts. These people will be notified if your SafeTime alarm is ever activated.



# Contacts Access

Initial Setup

The app will require access to contacts to select an existing one.

# Contact Selection

Initial Setup

Cancel

Select Contact



The plus button allows the user to add a new contact on the  
Initial New Contact Screen

**B****Laura Baskin****Ava Branch****Lio Brandon**

User can select preexisting contact and then select a phone number from the Select Number screen, next slide.

**Christian Brown****Estelle Beagle****C****Matthew Cecil****Kate Conroy****Doug Coutu****Matthew Cecil**

# Select Number

Initial Setup

[Back](#)

## Select Number

**Lio Brandon**

mobile

(614) 867-5309



home

(614) 123-4567

[+ add number](#)**Save Contact**

Name is editable. When tapped, cursor is placed at the end of the name, and the keyboard appears.

Radio button indicates that only one phone number per Emergency Contact may be selected.

When tapped, “+ add number” is replaced with a text field and the number pad keyboard appears automatically. When the number is entered, and the user hits “Done”, the number will be saved, a radio button will appear next to it like the others already listed, and that radio button will be selected.

Saves contact and returns to Emergency Contacts screen, on next slide

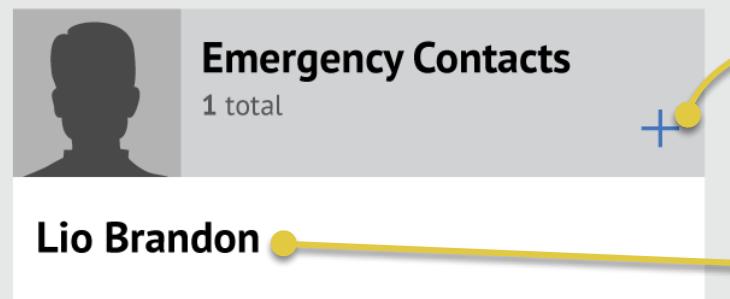
# Contact Added

Initial Setup

[Back](#)

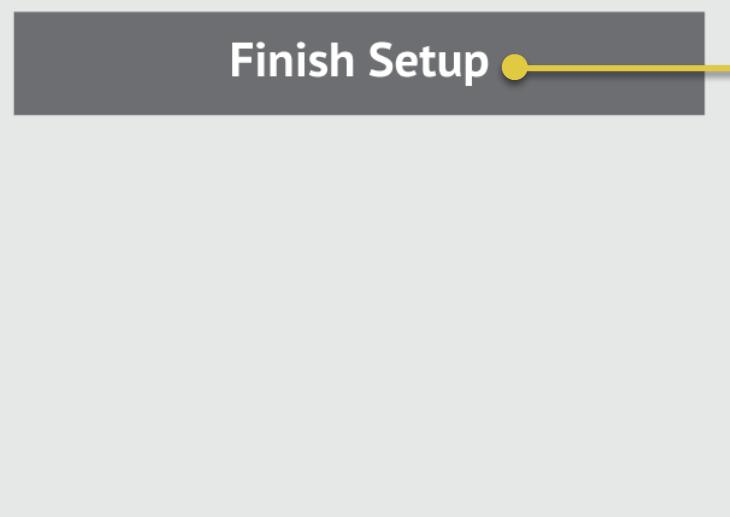
Emergency Contacts

Now, setup some emergency contacts. These people will be texted if your SafeTime alarm is ever activated.



More contacts can be added with the plus button.

Selecting an already added contact takes the user to the **Initial Edit Contact Screen**. From there, the name and number associated with the contact are editable.



Takes user to the Setup Complete Screen, next slide

SafeTime



# Setup Complete

Initial Setup

## Confirm Email Address

Click the link in the confirmation email we sent to  
ldawg61255420@hotmail.com

[Resend](#)[Change Email Address](#)

All setup! The next time you open the app, you'll be taken straight to the SafeTime Dashboard where you can check system status and update your emergency contacts.

**Sounds good!**

Clears dialog box and reveals dashboard behind it (next slide)



Connected to SafeTime



GPS Signal Good



Emergency Contacts



4 total

••••• ATT

9:25 PM

Bluetooth 100%

SafeTime



## Confirm Email Address

Click the link in the confirmation email we sent to  
**ldawg61255420@hotmail.com**

Resend

Change Email Address



### System Status



All good! checked 3 minutes ago



Bluetooth connected



Battery at **87%**



Connected to SafeTime



GPS Signal **Good**



Emergency Contacts



4 total

# Dashboard (email not confirmed)

## Initial Setup

The “Confirm Email Address” will be present at all times on the dashboard until the user has confirmed their email address.

Dialog appears saying that a new confirmation email has been sent to ldawg61255420@hotmail.com

Takes user to **Settings Screen** where they can change their email address and other account info.

••••• ATT 9:25 PM

100%

## Login With Existing Account

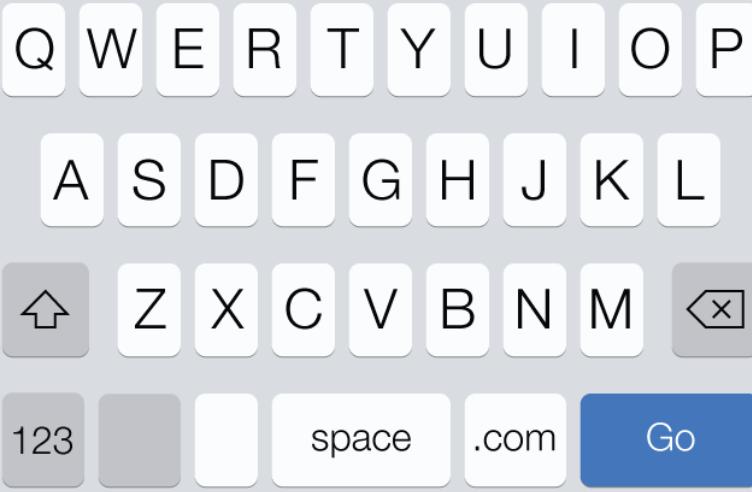
Cancel

Login

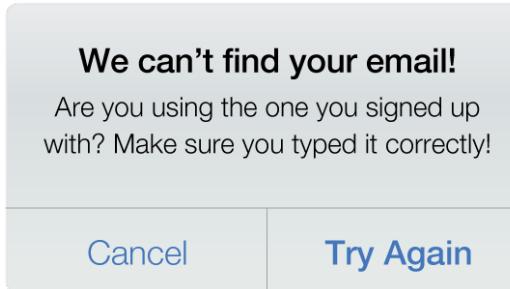
Email

Continue

Continues to next screen where user will enter their PIN



If the email address isn't recognized, the following dialog box will be shown.

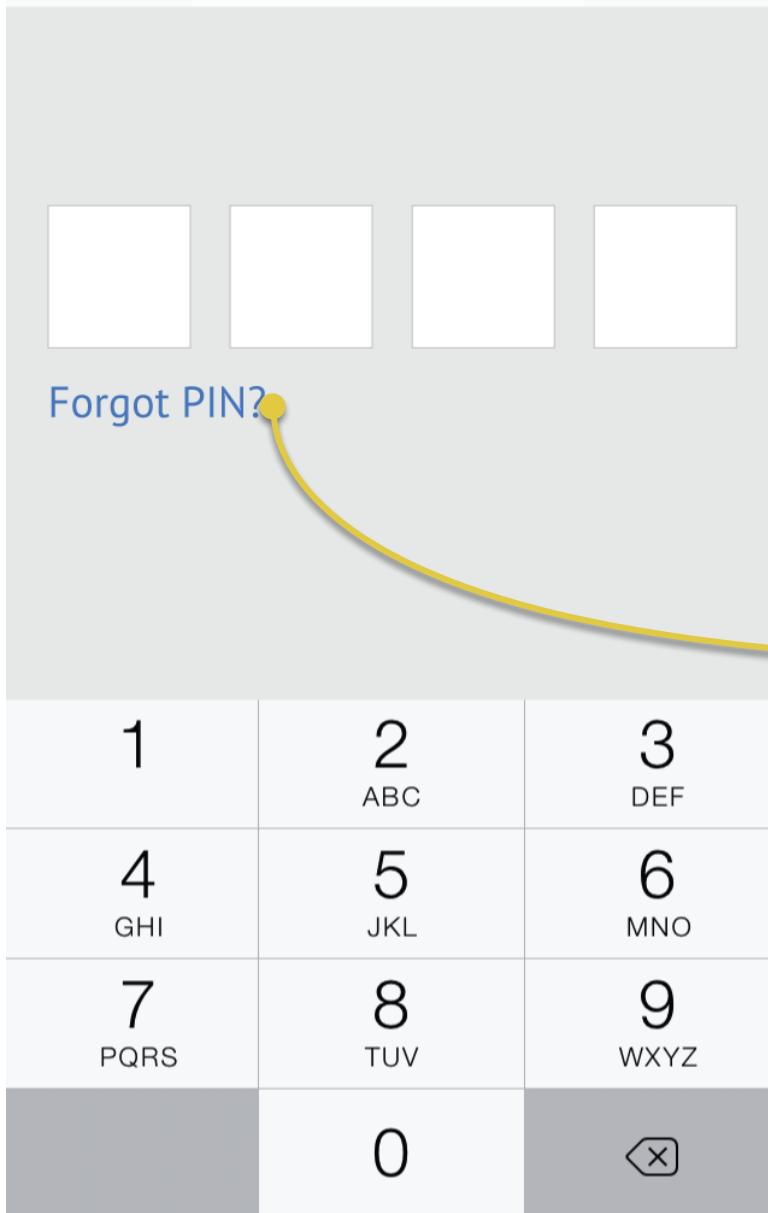


"Cancel" sends the user back to the [Start Screen](#)

"Try Again" clears the dialog box, clears the email field, and allows the user to type their email address again.

[Back](#)

## Enter PIN



# Login - Enter PIN

After all four digits have been entered and the pin is correct, the user is automatically advanced to the [Dashboard](#)

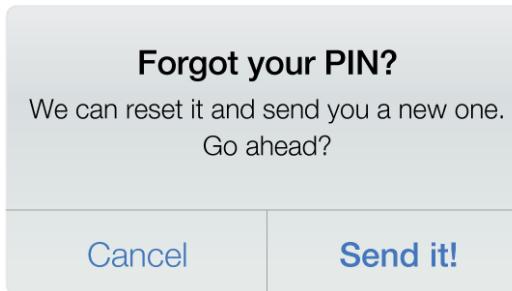
If four digits have been entered and the pin is not correct, show the following dialog box:



“Cancel” sends user back to [Login Screen](#)

“Try Again” clears what was entered and lets user enter PIN again.

Tapping “Forgot PIN” shows following dialog box:



“Cancel” sends the user back to the [Login Screen](#)

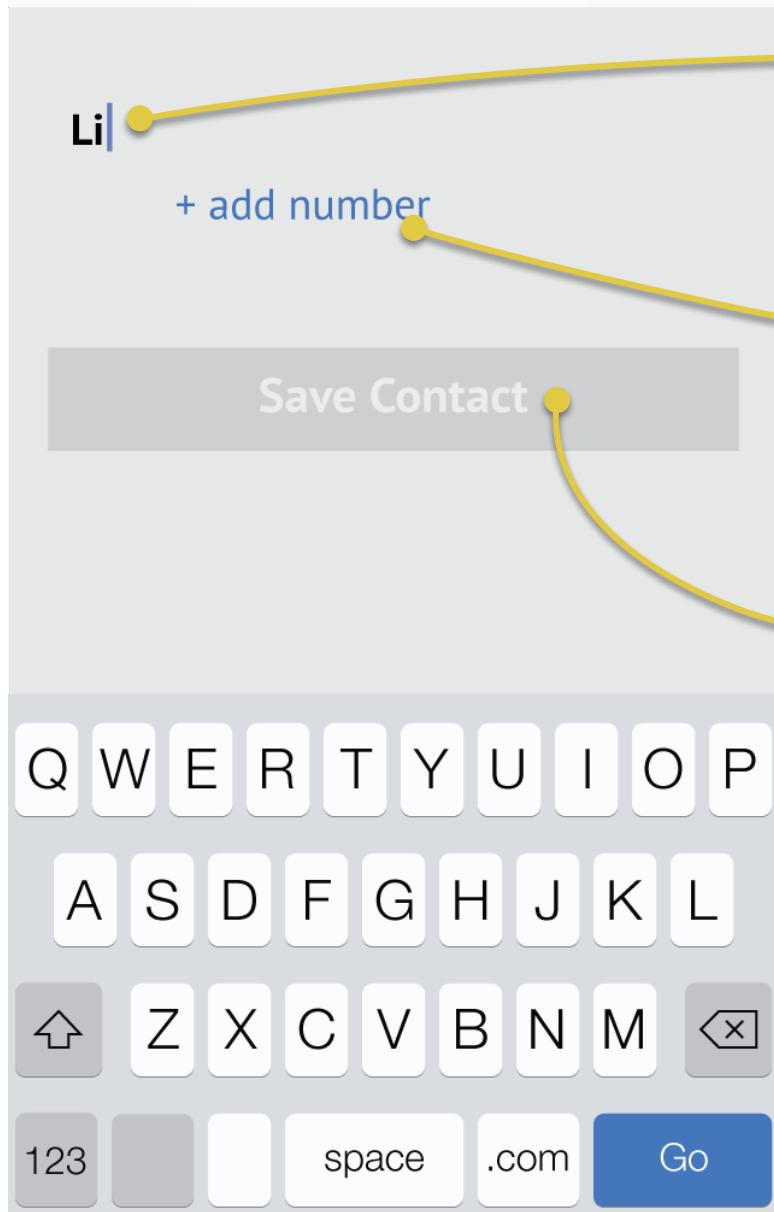
“Send it!” clears the dialog box and opens a new one saying “Email sent. Check it and enter your new PIN here. The only option in the dialog box should be “OK” and will clear it, leaving the user at this screen.

# New Contact

Initial Setup

[Back](#)

New Contact



Name field is automatically highlighted and keyboard appears when user navigates to this page.

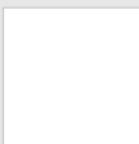
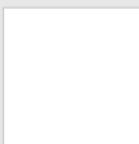
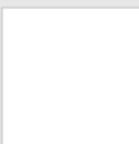
When tapped, “+ add number” is replaced with a text field and the number pad keyboard appears automatically. When the number is entered, and the user hits “Done”, the number will be saved, a radio button will appear next to it, and that radio button will be selected.

The “Save Contact” button is disabled until the name and at least one number are filled in. Once the contact is saved, the user is taken back to the [Initial Set Emergency Contacts Screen](#)

[Back](#)

## Enter Pin

Enter PIN for ldaw\*\*\*\*@hotmail.com

[Not you?](#)[Forgot PIN?](#)

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

# “Is this you?”

Initial Setup

Entering PIN correctly takes user to [Dashboard](#)

Only first four letters before “@“ are shown in email for security purposes. The rest are replaced with “\*“.

When tapped, the following dialog box will appear:

**Not you?**

A SafeTime device can only be connected to one account at a time. To use this device on a new account, ldaw\*\*\*\*@hotmail.com must first disconnect it from theirs.

[Cancel](#)[Back to start](#)

“Cancel” clears the dialog box and leaves user on this screen.

“Back to Start” sends user back to the [Start Screen](#)

PIN entry field and “Forgot PIN?” link work the same way they do on the default [Enter PIN Screen](#)

# Edit Contact

Initial Setup

[Back](#)

## Edit Contact

**Lio Brandon**mobile  
(614) 867-5309home  
(614) 123-4567[+ add number](#)**Save Contact****Delete Contact**

Name is editable. When tapped, cursor is placed at the end of the name, and the keyboard appears.

Radio button indicates that only one phone number per Emergency Contact may be selected.

When tapped, “+ add number” is replaced with a text field and the number pad keyboard appears automatically. When the number is entered, and the user hits “Done”, the number will be saved, a radio button will appear next to it like the others already listed, and that radio button will be selected.

“Saves Contact” is disabled (greyed out) until either the name or one of the numbers above has changed. Once active, tapping this button will save the contact and send the user back to the [Initial Emergency Contacts Screen](#)

**NOTE:** Neither of these two buttons require a PIN once pressed as they do later, once initial setup is complete.

When tapped, a dialog box appears, asking for confirmation of contact deletion. The options should be “Delete” (deleting contact and sending user back to [Initial Emergency Contacts Screen](#)) or “Cancel” (clearing dialog box and leaving user on this screen).

## SafeTime

**System Status**

All good! checked 3 minutes ago

**Bluetooth connected****Battery at 87%****Connected to SafeTime****GPS Signal Good****Emergency Contacts**

4 total

**Bill Willis****Lio Brandon**

# Dashboard

Users who have previously created an account and are already logged in will see this screen when they start the app.

Prompts user for PIN on [Enter PIN Screen](#) and then forwards user to the [Settings Screen](#)

Tapping the refresh button will check the bluetooth connection, battery life, and SafeTime connection again. The “last checked” text will be updated as well. The button will turn into a spinner until the data is loaded.

If Bluetooth is connected, battery life is not low, SafeTime connection has been established, and GPS signal is “Good” a green checkmark will be shown here. If the battery is low and/or the GPS signal is “Weak” a warning symbol will be shown in place of the checkmark. If Bluetooth is not connected, the battery is dead, the SafeTime service is not connected, and/or GPS is unavailable, a red will be shown.

A green check on the “Connected to SafeTime” icon as well as the Bluetooth icon show that they are connected and working. A green check is shown on the battery icon when it has a charge greater than 20%. [See the next screens for Dashboard error states.](#)

Adds new contact on [Add Contact Screen](#)

Goes to [Edit Contact Screen](#)

••••○ ATT ⌂

9:25 PM

蓝牙 100% 🔋

SafeTime



## System Status

Error! checked 3 minutes ago



### Bluetooth not connected

Cannot find SafeTime device



### Battery life unknown

No SafeTime device connected



### Connected to SafeTime



### GPS disabled

In iPhone settings, go to Privacy > Location Services and enable the SafeTime app.



## Emergency Contacts



4 total

**Bill Willis**

Lia Brandon

# Dashboard Error State 1

In this case, the phone can't connect to the Bluetooth device because it isn't nearby, and GPS is disabled in the iPhone settings.

The red X indicates that there is a problem connecting to the SafeTime device. A message with details about the error are added under the "Bluetooth" title. In this case, it reads "Cannot find SafeTime device", but could read "Bluetooth not enabled" or something similar.

Since the Bluetooth device isn't connected, the app has no way of telling if the battery is charged. A "?" icon is used in this case.

SafeTime



## Dashboard Error State 2

In this case, the battery is low and GPS is weak.

The screenshot shows the SafeTime app dashboard with the following status items:

- System Status**: Warnings! checked 3 minutes ago. An exclamation mark icon is shown.
- Bluetooth connected**: A blue checkmark icon.
- Battery at 14%**: A yellow warning icon with an exclamation mark. Text below says "Charge your SafeTime device soon".
- Connected to SafeTime**: A green checkmark icon.
- GPS Signal Weak**: A yellow warning icon with an exclamation mark. Text below says "Last location recorded 8 minutes ago".
- Emergency Contacts**: 4 total. Shows a contact card for **Bill Willis** and another for **Lio Brandon**.

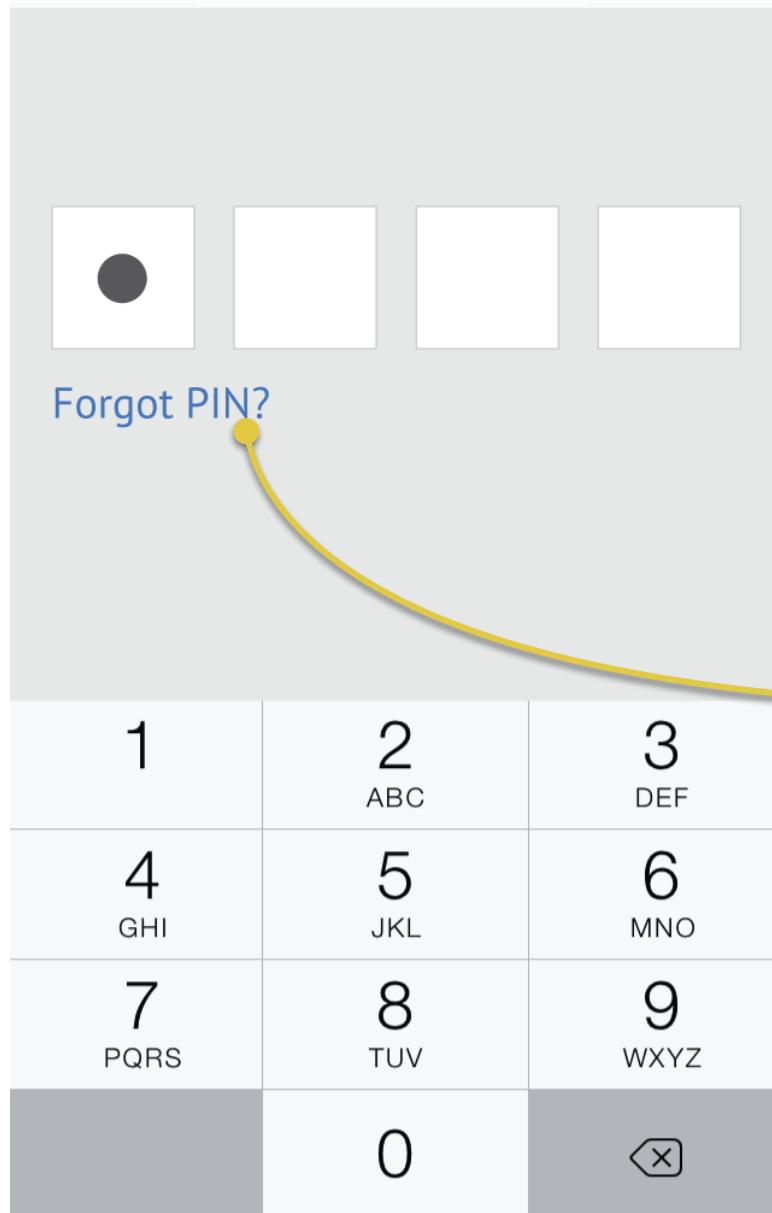
When the battery is low but Bluetooth and SafeTime servers are connected, the System Status icon turns from a green checkmark to a yellow warning icon.

When the battery is low, the checkmark is replaced with a warning icon and text is added under the battery label telling the user to charge their device.

When the GPS signal is weak, list the last time a location was recorded and change the green checkmark to this warning symbol.

[Back](#)

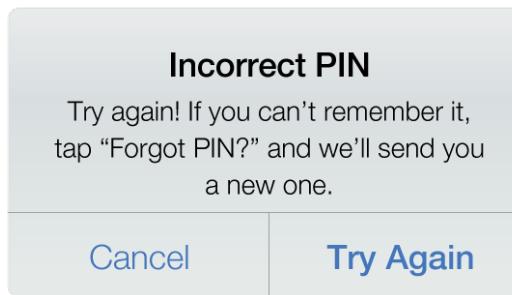
## Enter PIN



# Enter PIN

The user will be prompted to enter their PIN at certain points throughout the app (such as when they want to access the settings or change their PIN). The user will automatically be forwarded to the next screen once four digits have been entered.

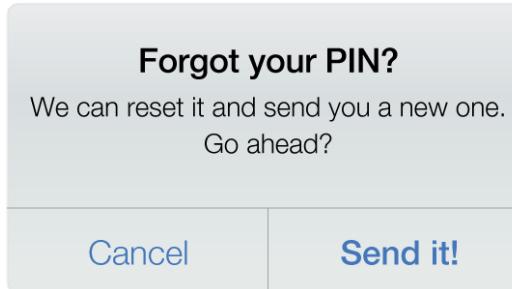
If four digits have been entered and the pin is not correct, show the following dialog box:



“Cancel” sends user back to the previous screen.

“Try Again” clears what was entered and lets user enter PIN again.

Tapping “Forgot PIN” shows following dialog box:



“Cancel” sends the user back to the previous screen.

“Send it!” clears the dialog box and opens a new one saying “Email sent. Check it and enter your new PIN here. The only option in the dialog box should be “OK” and will clear it, leaving the user at this screen.

[Dashboard](#)[Settings](#)

# Settings

## Account Info

Lauren Mayberry

ldawg61255420@hotmail.com

(614) 867-5309

[Save Account Info](#)[Change Pin](#)[Log Out](#)[Disconnect Device](#)

All account info fields are editable

This button is disabled (greyed out) until any account info above is changed. Once active, tapping it will replace the text with a spinner until a response has been given by the server that the new info has been saved. At that point the spinner will be replaced with the word “Saved” and the button will be disabled (greyed out) again. If the account info is changed again, the button will become active and the text will read “Save Account Info” again.

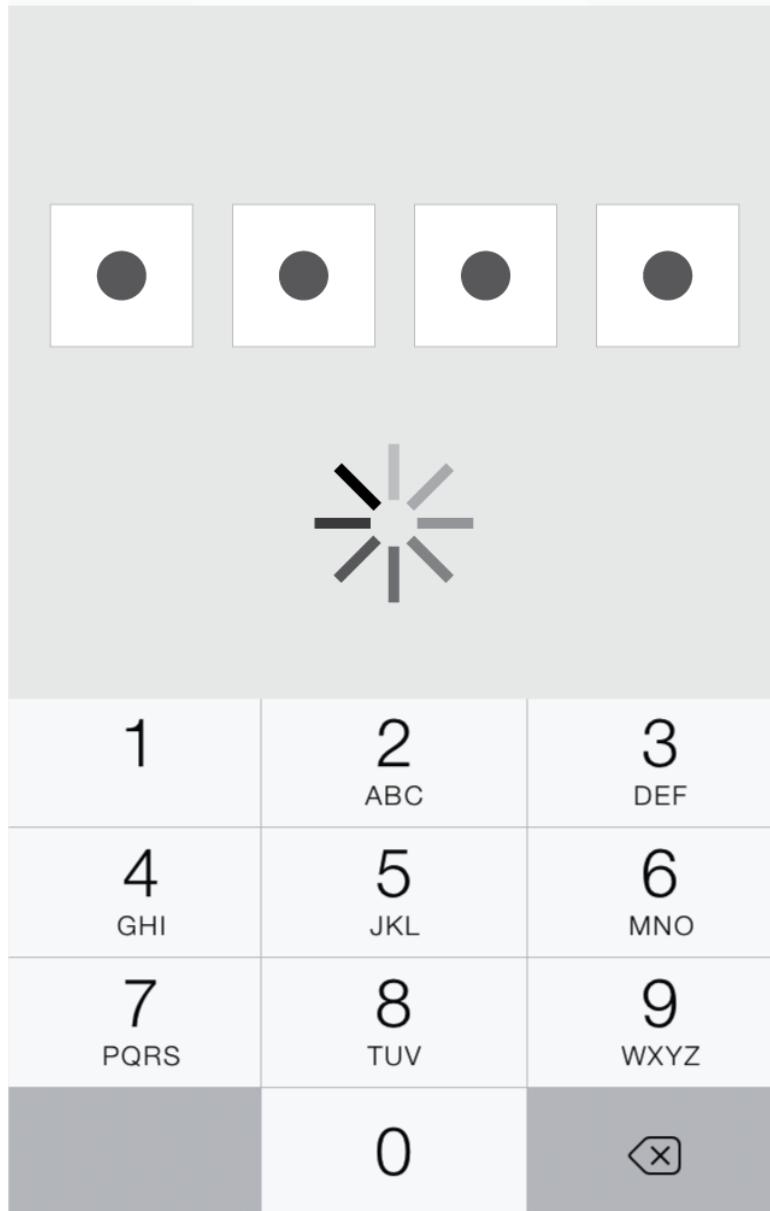
When tapped, this will prompt user for current PIN on the [Enter PIN Screen](#) and then be forwarded to the [New PIN Screen](#)

When tapped, this will bring up a dialog box asking the user if they would really like to logout. The options should be “Logout” (logging out the user and taking them back to the [Start Screen](#), warning them that the alarm will not function unless they are logged in) and “Cancel” (which clears the dialog and leaves the user on this page).

When tapped, this will bring up a dialog box asking the user if they would really like to disconnect their device from their account (provide information on what implications this has). The options should be “Disconnect” (unpairing the SafeTime device from the phone as well as their account, the user is left on this screen) and “Cancel” (which clears the dialog and leaves the user on this page).

[Back](#)

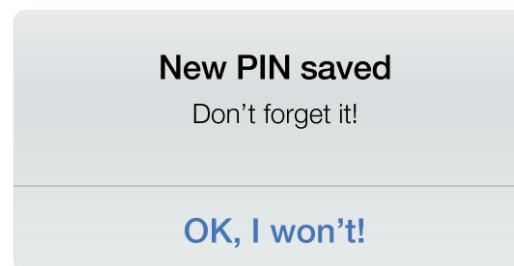
## New PIN



## New PIN

The pin will automatically save once four digits have been entered. At that point, a spinner will appear (as seen in the screenshot here) while waiting for a response from the server that the new PIN has been saved.

Once the new PIN has been saved, the following dialog box will appear:



Tapping the button clears the dialog and takes the user back to the [Settings Screen](#)

••••• ATT

9:25 PM

\* 100% 

Cancel

Select Contact



# Add Emergency Contact

The plus button allows the user to add a new contact on the Create New Contact Screen

B

Laura Baskin

Ava Branch

Lio Brandon

User can select preexisting contact and then select a phone number from the Select Number screen, next slide.

Christian Brown

Estelle Beagle

C

Matthew Cecil

Kate Conroy

Doug Coutu

Matthew Cecil

# Select Number

Back

Select Number

Lio Brandon



mobile  
(614) 867-5309



home  
(614) 123-4567

+ add number

Save Contact

Name is editable. When tapped, cursor is placed at the end of the name, and the keyboard appears.

Radio button indicates that only one phone number per Emergency Contact may be selected.

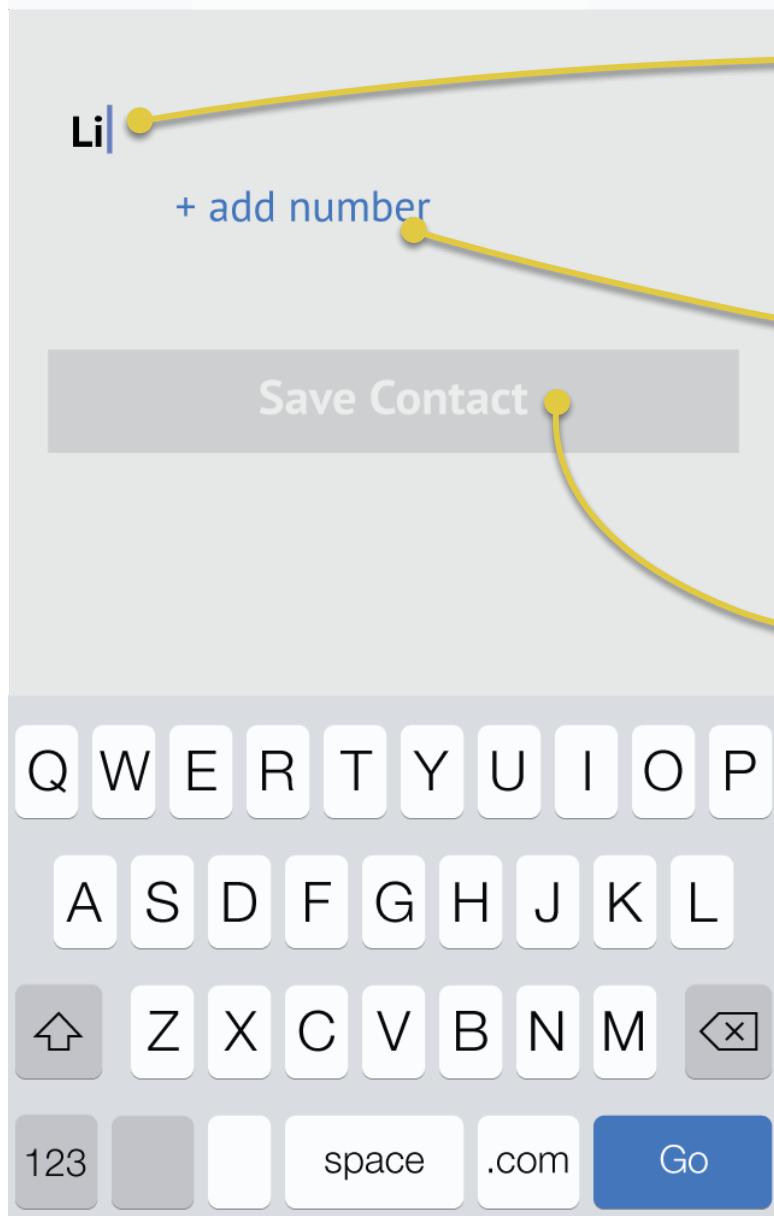
When tapped, “+ add number” is replaced with a text field and the number pad keyboard appears automatically. When the number is entered, and the user hits “Done”, the number will be saved, a radio button will appear next to it like the others already listed, and that radio button will be selected.

Saves contact and returns to the [Dashboard](#)

# Create New Contact

Back

New Contact



Name field is automatically highlighted and keyboard appears when user navigates to this page.

When tapped, “+ add number” is replaced with a text field and the number pad keyboard appears automatically. When the number is entered, and the user hits “Done”, the number will be saved, a radio button will appear next to it, and that radio button will be selected.

The “Save Contact” button is disabled until the name and at least one number are filled in. Once the contact is saved, the user is taken back to the **Dashboard**.

# Edit Contact

[Back](#)

Edit Contact

Lio Brandon



mobile  
(614) 867-5309



home  
(614) 123-4567

+ add number

Save Contact

Delete Contact

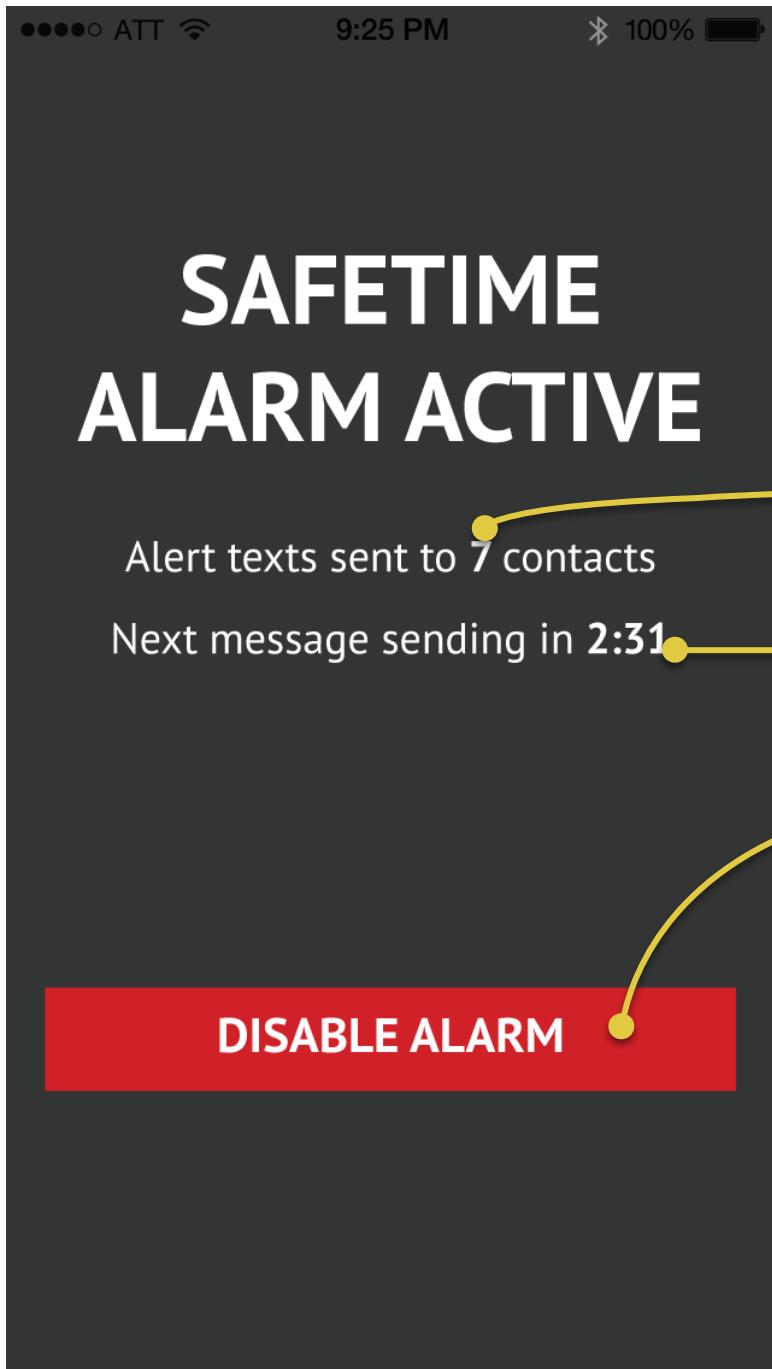
Name is editable. When tapped, cursor is placed at the end of the name, and the keyboard appears.

Radio button indicates that only one phone number per Emergency Contact may be selected.

When tapped, “+ add number” is replaced with a text field and the number pad keyboard appears automatically. When the number is entered, and the user hits “Done”, the number will be saved, a radio button will appear next to it like the others already listed, and that radio button will be selected.

“Saves Contact” is disabled (greyed out) until either the name or one of the numbers above has changed. Once active, tapping this button will prompt the user for their PIN on the [Enter PIN Screen](#). When entered correctly, the contact will be saved and the user will be sent back to the [Dashboard](#).

When tapped, a dialog box appears, asking for confirmation of contact deletion. The options should be “Delete” (prompting user for their PIN - if entered correctly, contact is deleted and user is sent back to [Dashboard](#)) or “Cancel” (clearing dialog box and leaving user on this screen).



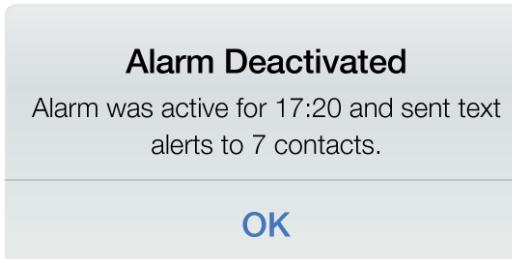
## Alarm Active

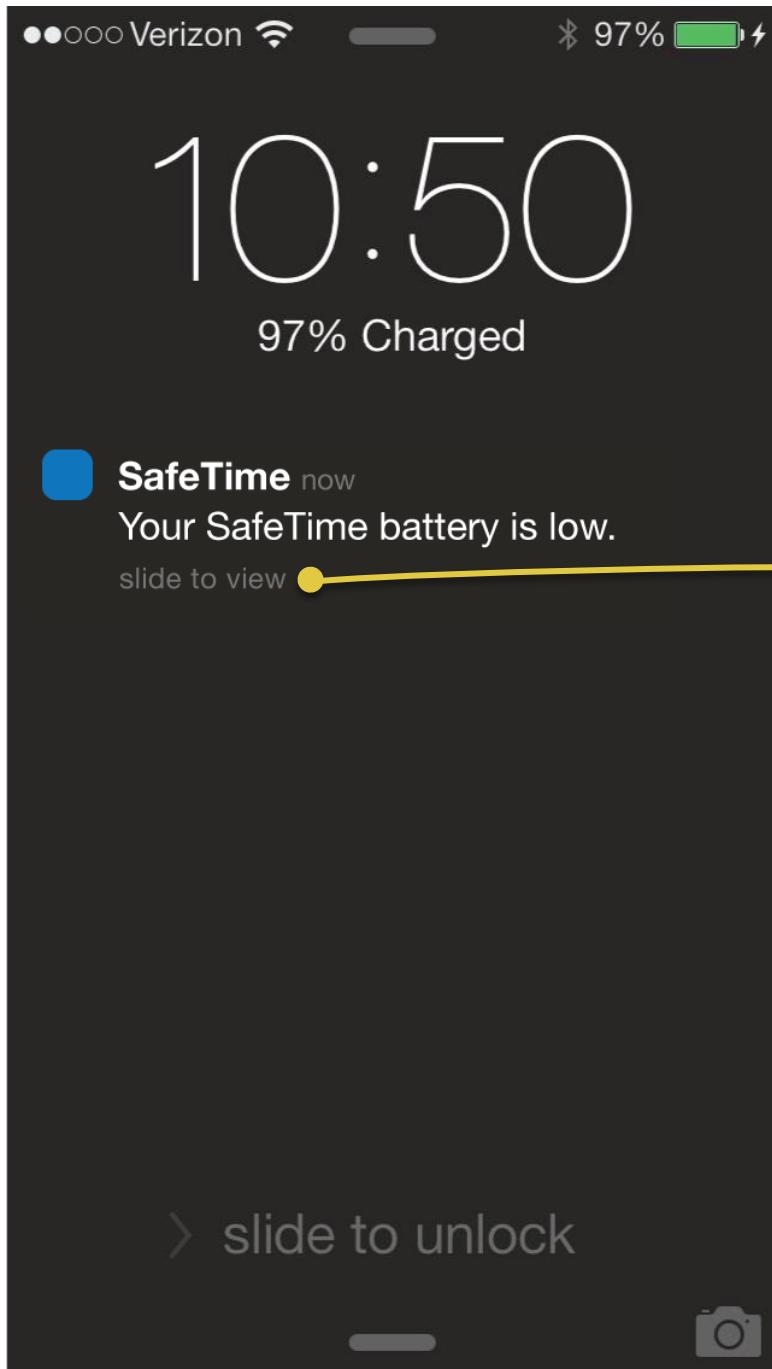
When the SafeTime device “emergency” button is pressed, it will activate the alarm. Starting the app when the alarm is active will bring the user here (they will not be able to access any other part of the app until the alarm is disabled).

Number of emergency contacts the user has added to SafeTime

Countdown to next message being sent mm:ss

When tapped, user is prompted for their PIN on the [Enter PIN screen](#). When the PIN is entered correctly, the following dialog box will show:





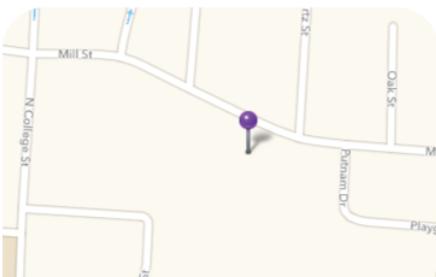
## Push Notifications

If the SafeTime device battery is low (under 20% charge), send this notification once a day to remind the user to charge it.

[Messages](#)**SafeTime**[Contact](#)**Text Message**

Today 11:47 PM

ALERT! Lauren Mayberry has activated her SafeTime keychain alarm and may be in an emergency situation. Last known location was [77 Mill St., Athens, Ohio 45701](#). 39.3298832, -82.0977485 at 11:47pm EST. If your phone is compatible, a map with precise location is included in this message.

[Text Message](#)[Send](#)

## Example Text Alert

This is an example text message to an emergency contact when a SafeTime user activates their alarm. Final language in this text box TBD by SafeTime.