

Software for Good

# SafeSpace app



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Software for Good developed the SafeSpace app to help bridge a need for communities that have a “stereotype” to quantify what is a reality of living in their communities and the perception they have of the authorities trying to help them.

## **Goal of the app**

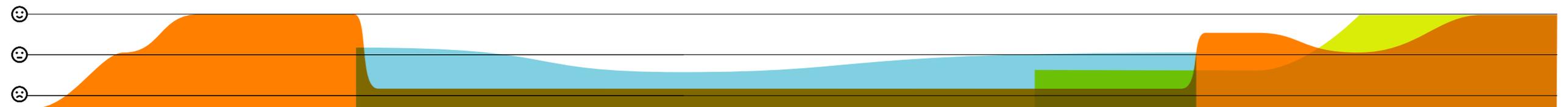
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To create real data for the public on police interactions, arrests and abusive and violent behavior on both subjects and authorities behavior.

To make this a more robust and responsive app to the users and the community, there are a few features that are recommended to be implemented.

# Journey Map

This gives us a sum of the experiences of before, during and after an interaction with a SafeSpace user, their Allies and the authorities. Not only does it look at the experience, it looks at what they are thinking, doing, feeling and their emotions — not just one insight to one part of the process. Overall this will document the entire journey.



## SafeSpace User

Doing	<ul style="list-style-type: none"> <li>Downloads the app</li> <li>Signs up and becomes an ally</li> </ul>	<ul style="list-style-type: none"> <li>Obeys the officer by pulling over</li> </ul>	<ul style="list-style-type: none"> <li>Obeys the officer</li> </ul>	<ul style="list-style-type: none"> <li>Obeys the officer</li> </ul>	<ul style="list-style-type: none"> <li>Obeys the officer</li> </ul>	<ul style="list-style-type: none"> <li>Obeys the officer</li> </ul>	<ul style="list-style-type: none"> <li>Obeys the officer</li> </ul>	<ul style="list-style-type: none"> <li>Using the app to communicate with the SafeSpace responders</li> </ul>
Thinking	<ul style="list-style-type: none"> <li>Wondering if this app really works</li> </ul>	<ul style="list-style-type: none"> <li>Doesn't know the intentions of the officer</li> <li>Hopes help arrives</li> </ul>	<ul style="list-style-type: none"> <li>Mind is racing</li> </ul>	<ul style="list-style-type: none"> <li>Mind is racing</li> </ul>	<ul style="list-style-type: none"> <li>Doesn't know the intentions of the officer</li> </ul>	<ul style="list-style-type: none"> <li>Wondering if he's going to go to jail</li> </ul>	<ul style="list-style-type: none"> <li>Is wondering/questioning why he is detained</li> </ul>	<ul style="list-style-type: none"> <li>That the app worked - help came when he/she called them</li> </ul>
Feeling		<ul style="list-style-type: none"> <li>Scared</li> </ul>	<ul style="list-style-type: none"> <li>Scared</li> </ul>	<ul style="list-style-type: none"> <li>Scared</li> </ul>	<ul style="list-style-type: none"> <li>Scared</li> </ul>	<ul style="list-style-type: none"> <li>Scared</li> </ul>	<ul style="list-style-type: none"> <li>Relieved</li> </ul>	<ul style="list-style-type: none"> <li>Relieved</li> <li>A little shaken</li> </ul>

## Police Officer

Doing			<ul style="list-style-type: none"> <li>Has hand on gun?</li> <li>Trying to control the situation</li> </ul>	<ul style="list-style-type: none"> <li>Using the police database</li> </ul>		
Thinking		<ul style="list-style-type: none"> <li>Doesn't know if the suspect is armed</li> <li>Considers the suspect armed an dangrous?</li> </ul>	<ul style="list-style-type: none"> <li>Doesn't know if the suspect is armed</li> <li>Considers the suspect armed an dangrous?</li> </ul>	<ul style="list-style-type: none"> <li>Doesn't know if the suspect is armed</li> <li>Considers the suspect armed an dangrous?</li> </ul>	<ul style="list-style-type: none"> <li>Has hand on gun?</li> <li>Trying to control the situation</li> </ul>	<ul style="list-style-type: none"> <li>Trying to find out who/what this person is</li> <li>Just trying to do his job</li> </ul>
Feeling		<ul style="list-style-type: none"> <li>On high alert</li> </ul>	<ul style="list-style-type: none"> <li>On high alert</li> </ul>	<ul style="list-style-type: none"> <li>On high alert</li> </ul>	<ul style="list-style-type: none"> <li>On high alert</li> </ul>	<ul style="list-style-type: none"> <li>On high alert</li> </ul>

## SafeSpace Responders

Doing			<ul style="list-style-type: none"> <li>Staying out of the way</li> <li>Observing/witnessing</li> <li>Using the SafeSpace app</li> </ul>	<ul style="list-style-type: none"> <li>Staying out of the way</li> <li>Observing/witnessing</li> <li>Using the SafeSpace app</li> </ul>	<ul style="list-style-type: none"> <li>Using the app to upload the video they took and communicate with the SafeSpace user</li> </ul>
Thinking			<ul style="list-style-type: none"> <li>Is wondering/questioning why he is detained</li> </ul>	<ul style="list-style-type: none"> <li>Is wondering/questioning why he is detained</li> </ul>	<ul style="list-style-type: none"> <li>That the app helped someone?</li> </ul>
Feeling			<ul style="list-style-type: none"> <li>Concerned</li> </ul>	<ul style="list-style-type: none"> <li>Concerned</li> <li>Relieved</li> </ul>	<ul style="list-style-type: none"> <li>Concerned</li> <li>Relieved</li> </ul>

## Feature 1: Ally Assist

Time to complete: 5 points

To ensure the safety of the community that is responding to the alert, this is a guide of how to respond, act, and behave at the scene of a police interaction access to a map to show the location as well as quick access to the camera for recoding the incident.

- 1 Live Feed of Address**  
The GPS address of the location from where the signal originated would be fed into here.
- 2 Map Button**  
The user could access a Google map where the location of the signal originated.
- 3 Camera Access Button**  
The user could immediately access the the camera to take video or photos of the incident.

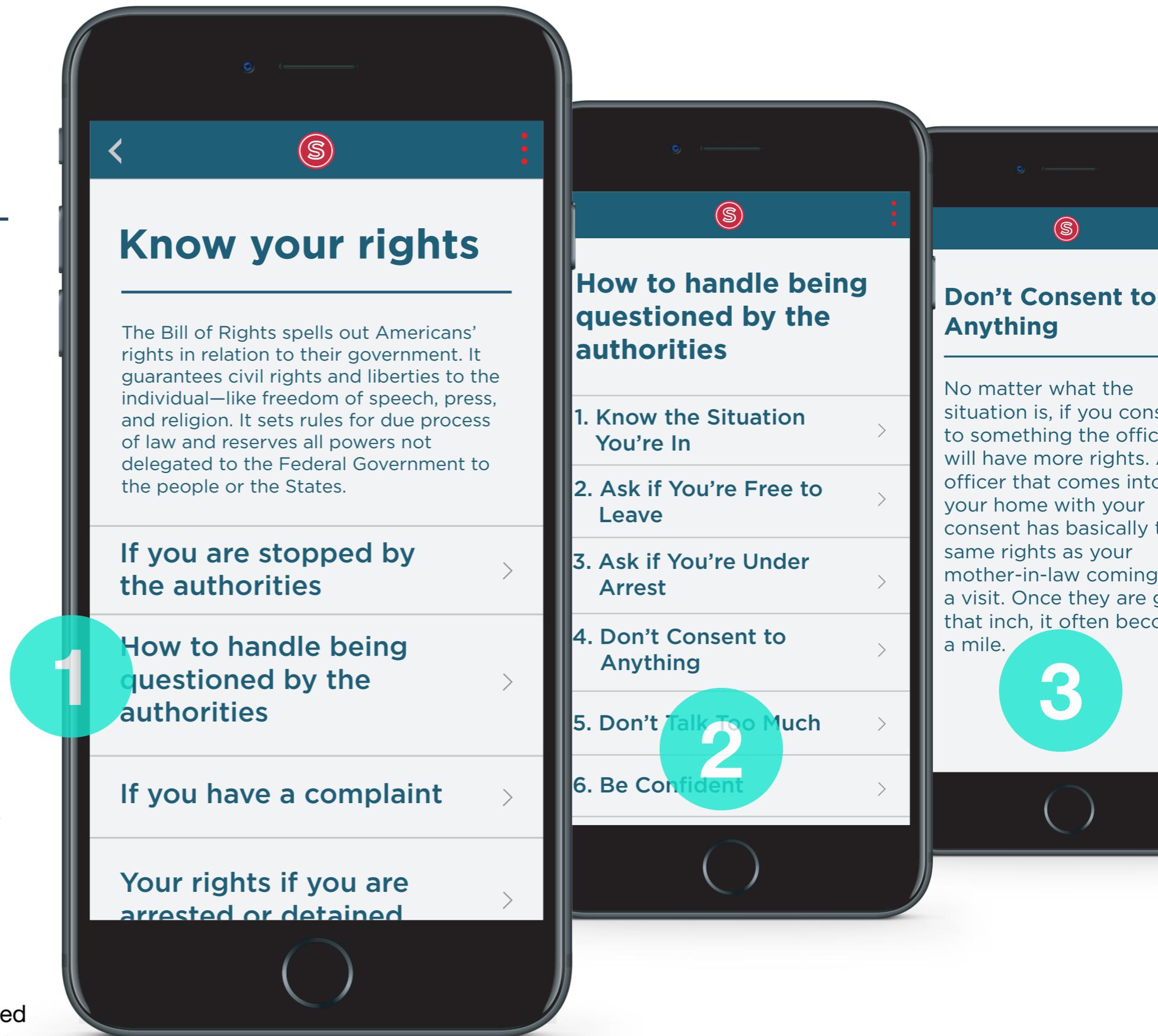


## Feature 2: Bill of Rights

Time to complete: 2 points  
Development, 6 points Legal  
Advising

It is every citizen's right to know what their rights are. This guide will help educate any user of the app about what they can do and cannot do when they encounter the police.

- 1 Main Menu**  
Here the user can access a variety of topics in dealing with the authorities
- 2 Sub Menu Level 1**  
Once the user selects a topic, they access a sub menu with a list or a more in-depth description of the topic
- 3 Sub Menu Level 2**  
If needed, this menu provides even more detailed information about the topic from the previous list

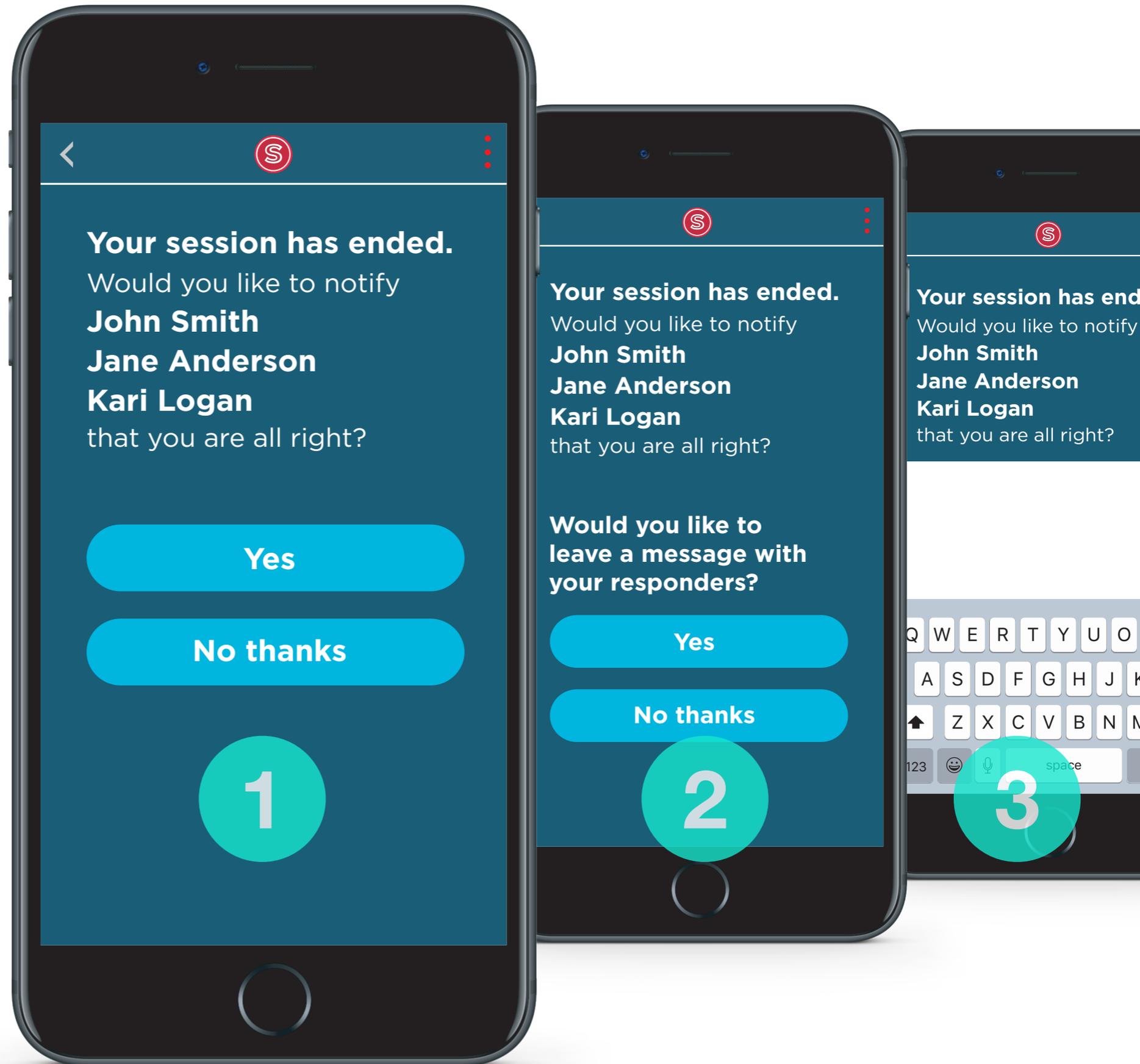


## Feature 3: Safe Notification

Time to complete: 5 points

When the interaction between the user of the app and authorities has ended amicably, this feature lets the responders know.

- 1 Main Menu**  
The user is prompted to send a notification to the responders.
- 2 Message Query**  
If the user responds yes to the send notification query, they are then asked they would like to send a brief message with the notification.
- 3 Messaging**  
If the user responds yes to the send message query, a keyboard pops up and allows the user to input a message that can be sent to the responders.



## Feature 4: Witness Arrival Notification

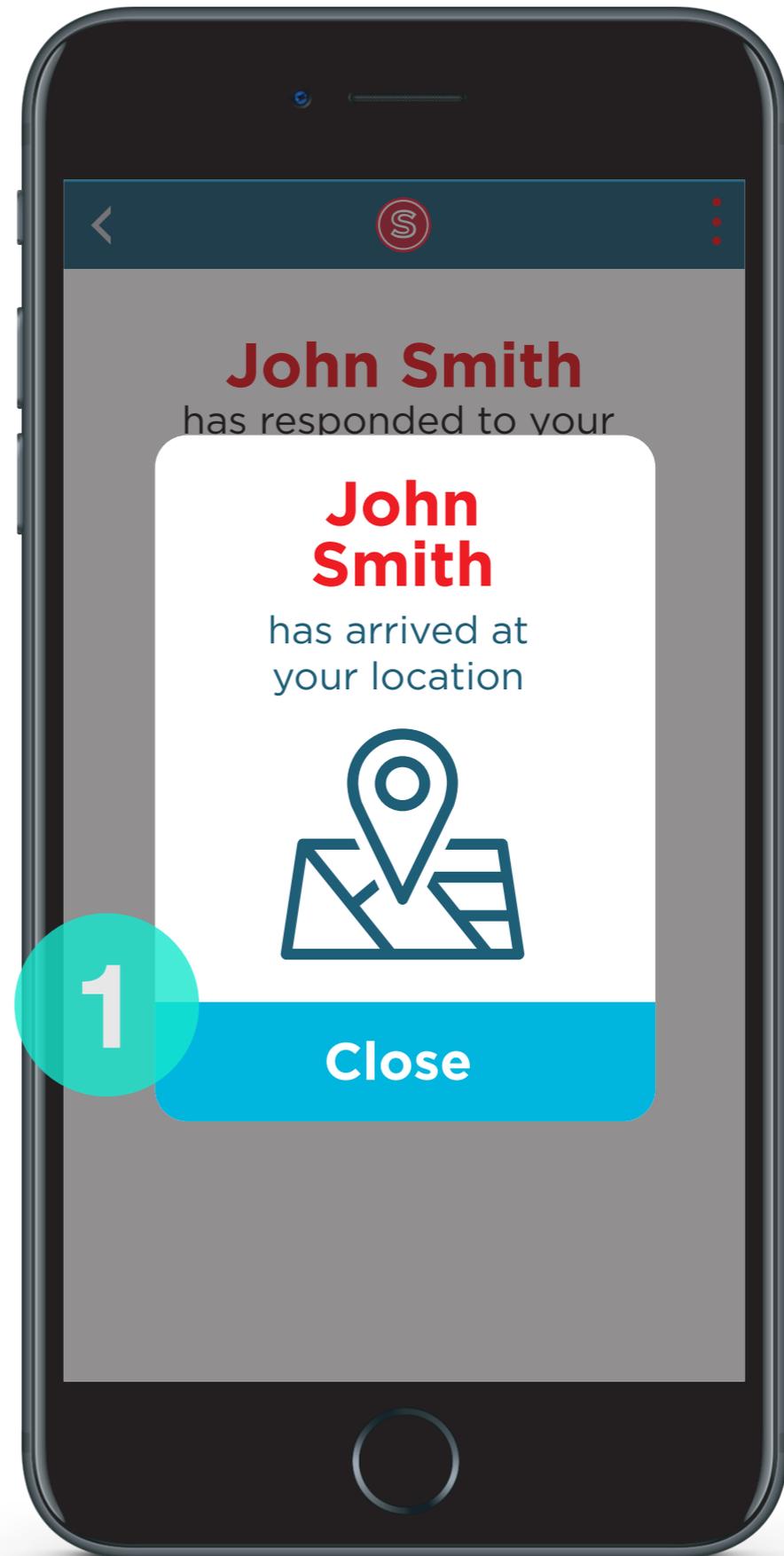
Time to complete: 2 points

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To help alleviate the user's anxiety of the interaction with authorities, this feature alerts the user to when the SafeSpace responders arrive.

### 1 Arrival Notification

When the responder arrives and lets the app know, the user will get a pop up notice that the responder is close by. To close the notification, the user taps the close button.



## Feature 5: Witness Radius Expansion

Time to complete: 3 points

When the user's alert cannot reach any responders in a given amount of time, the radius of the alert is increased from a half mile to a mile.

### 1 Expansion Notification

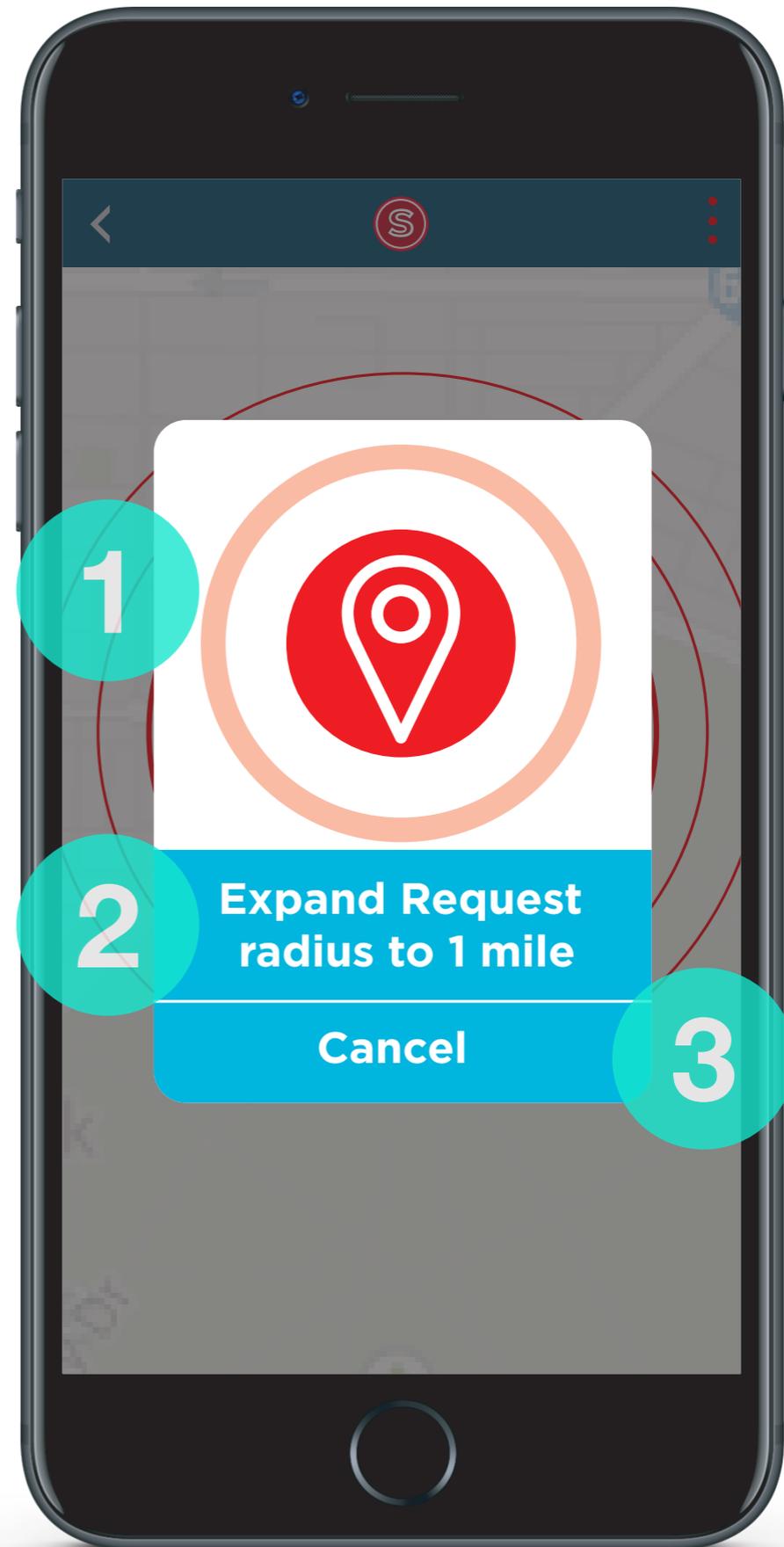
When the SafeSpace app has not located any responders within 10 minutes, a notification asking the user if they would like to expand the radius of requesting responders to 1 mile.

### 2 Expansion Button

If the user would like to expand the radius, they click the Expand Request radius to 1 mile button.

### 3 Cancel Button

If the user would like cancel the request, they press the Cancel button and the request radius will remain at .5 miles.



# Conclusion

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If Code for Life implemented these ideas into their existing app, it would make interactions with the authorities:

- more knowledgeable
- less apprehensive
- prepared
- safer
- accountable for the police and users
- more data driven than the perception that communities have about them