ANITA BORG
INSTITUTE
WOMEN TRANSFORMING
TECHNOLOGY

GSOC 16
MID EVALUATION REPORT

First Aide(PCSA Web App)

Organisation: Systers, Anita Borg Institute

Mentor: Prajakta Naik

Student: Akanksha Bodhankar

Abstract

PCSA (Peace Corps Safety App) is a web application developed to help the volunteers if they become victims of sexual harassment.It also ensures safety by sending messages to fellow volunteers when in trouble. Usually, the victims are uncomfortable to report the crime or unwilling to get support. This app ensures that the victim can be sure of getting all the help he/she needs. The sexually assaulted volunteer can get information of Peace Corps reporting and safety procedures and also contact Peace Corps for help.

ANITA BORG INSTITUTE
WOMEN TRANSFORMING TECHNOLOGY

Technologies Used

- HTML5, CSS3, Javascript, Jquery – Front end
- PHP – Backend
- MySQL – Database

Platform

- XAMPP

Third party API used for messaging and calling

- Twilio

Project Docs and Code

The code is being pushed time to time on Github. Find the code here:

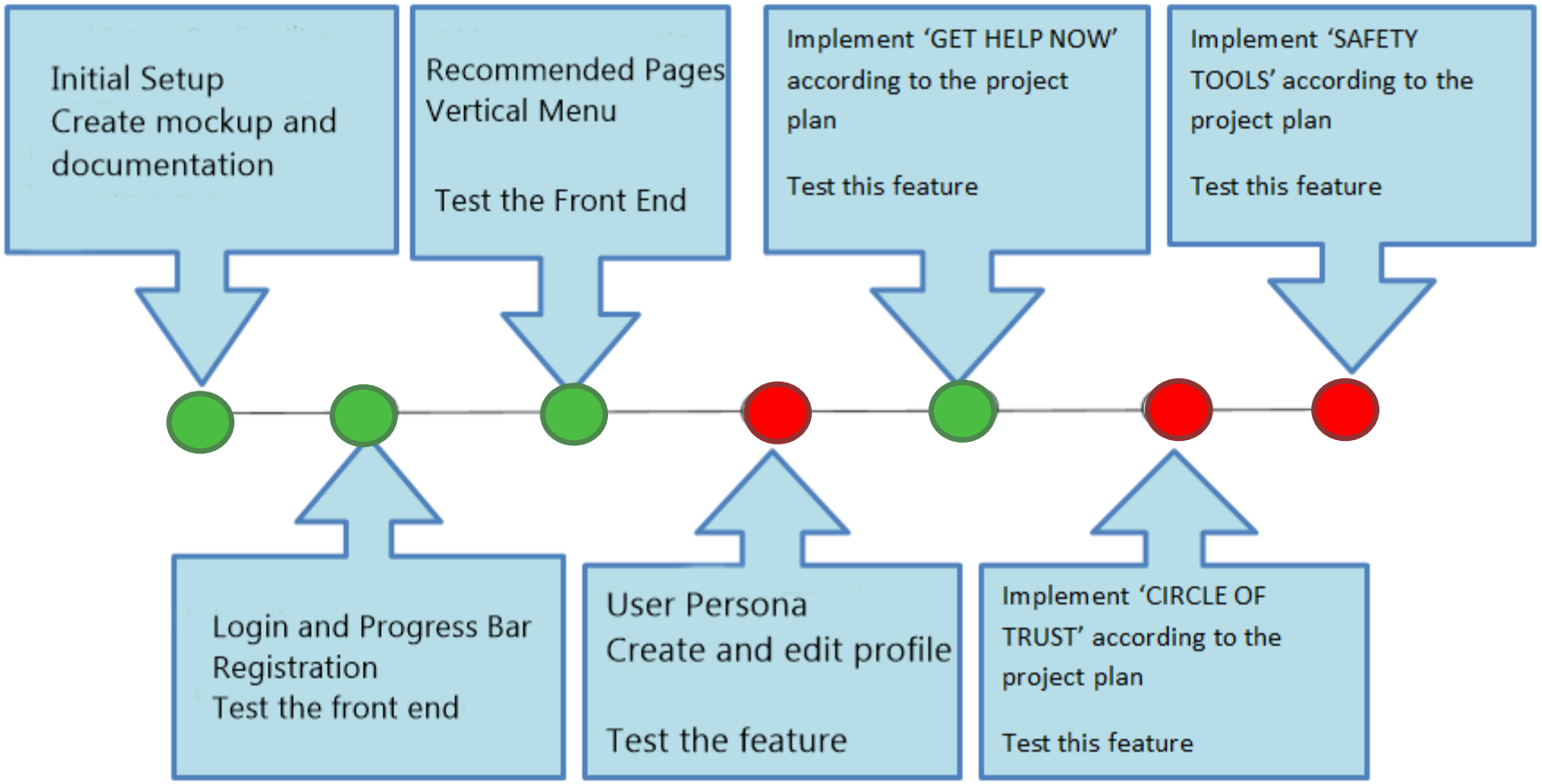
https://github.com/AkankshaBodhankar/GSOC16Work

The project mockup and other documents can be found here:

https://github.com/AkankshaBodhankar/GSOC16Work/project-docs

Project Milestones

ANITA BORG INSTITUTE
WOMEN TRANSFORMING TECHNOLOGY



Completed Work

ANITA BORG INSTITUTE
WOMEN TRANSFORMING TECHNOLOGY

1. Splash Screen

A splash screen opens up when the application is opened and then redirects to the login page

2. User Registration and Login

Registration is done using email id, name, password and country of the user. Validations also have been added

Login form uses email id and password for authentication

Once the registration is successful user is redirected to the login page

The user can logout using the option present in the menu od the application

Database table ‘user’ is being used for storing the data

Registration Page

First Aide

A Confidentiality Safety Resource for Peace Corps Volunteers

Username: Milley

Password: •••••

Host Country: India

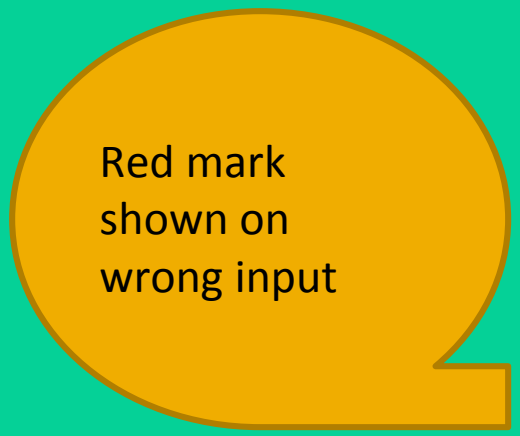
Email: milley03@gmail.com

Create Account

This is a secure portal

First Aide

A Confidentiality Safety Resource for Peace Corps Volunteers



Username: Maha

Password: ····

Host Country: India444

Email: maha@gmail.

Create Account

This is a secure portal

Login Page

First Aide

A Confidentiality Safety Resource for Peace Corps Volunteers

Email: abhi@gmail.com

Password: ····

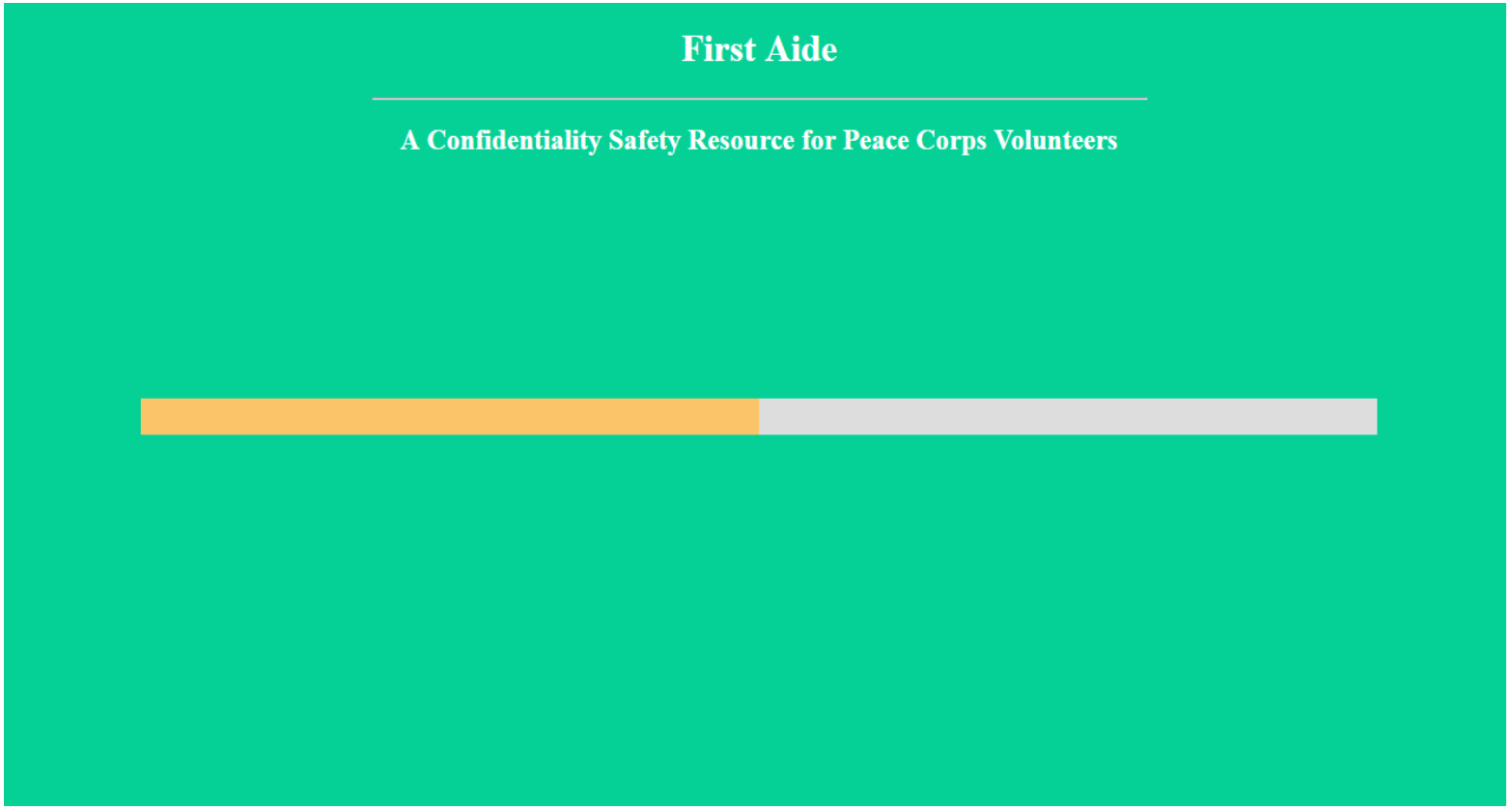
Sign in to Account

Create Account Here

ANITA BORG INSTITUTE
WOMEN TRANSFORMING TECHNOLOGY

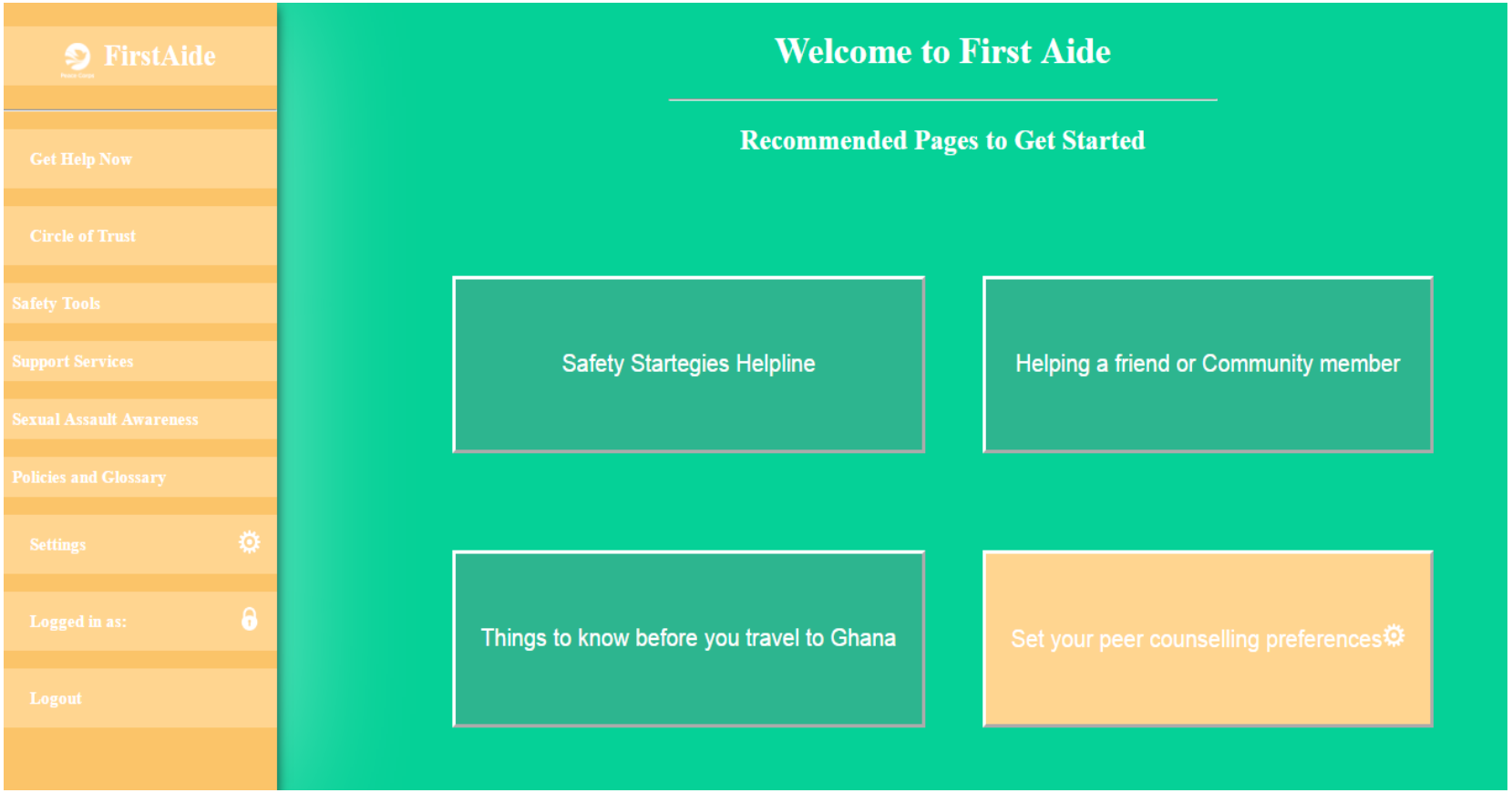
3. Progress Bar

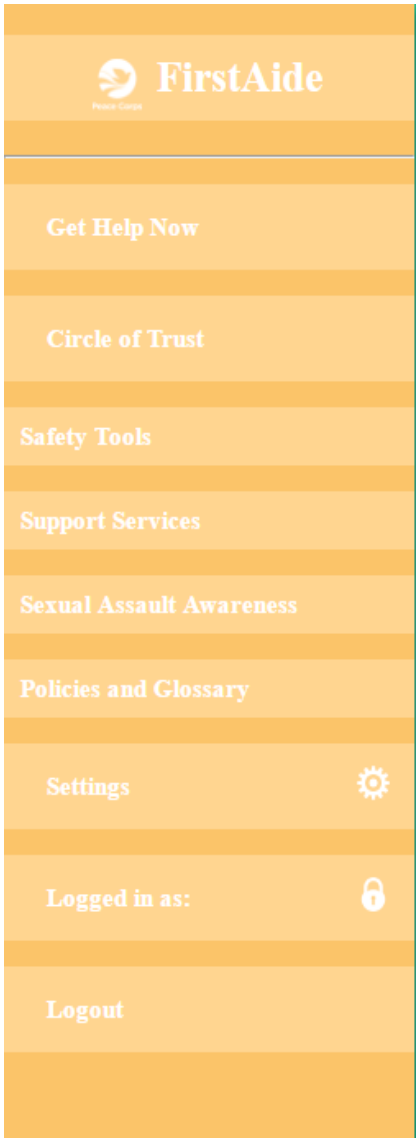
A progress bar is shown when the user logins and then redirected to the main application.



4. Welcome Page - Recommended pages to get started

The user is redirected to this page after successful login. This is the home page of the application.





5. Menu for Navigation

The menu contains all the pages of the app placed in proper order. This makes navigation to pages easier. Placed on the left of every page.

ANITA BORG INSTITUTE
WOMEN TRANSFORMING TECHNOLOGY

6. Get Help Now

The user can contact helplines using this feature. Two services are provided for contacting, sending a message or making a call.

The helpline numbers vary according to the location chosen

There are three locations : Syria, Uganda and Tunisia. When a particular location is set then, phone numbers of that area will be loaded.

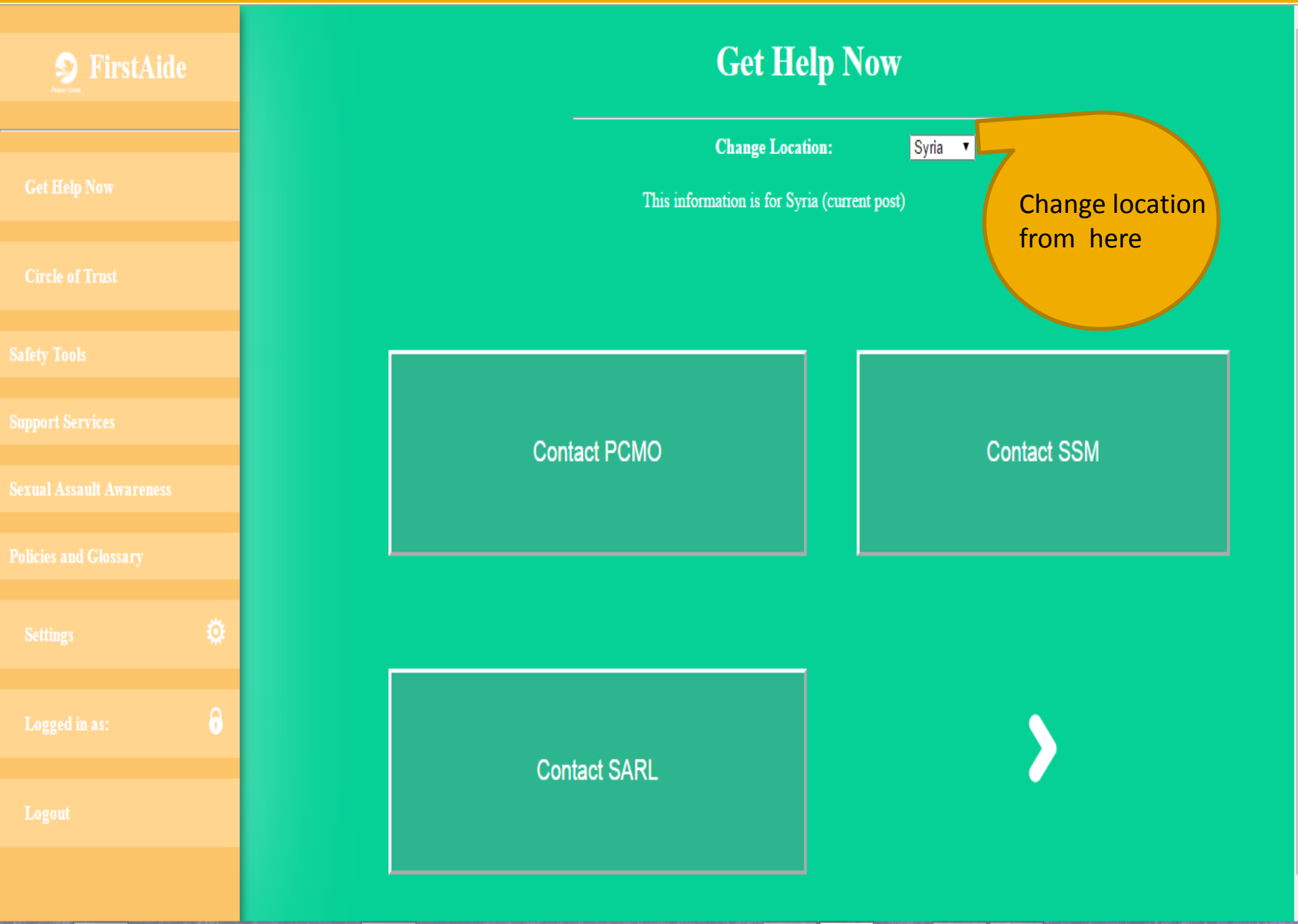
Sending message and making Call:

For message (SMS), body of message is taken as input from user and SMS is sent to the selected helpline number. Whereas, in Call the phone call can be connected on one button click

These functionalities are enabled using Third Party API ‘Twilio’ . It has been chosen because their service is reliable and has easy to use API’s. It is also inexpensive.

Read more about Twilio here: https://www.twilio.com/

Get Help Now – Page 1



ANITA BORG INSTITUTE
WOMEN TRANSFORMING TECHNOLOGY

The sub-features in Get Help Now

The sub-features are the choices of helplines to contact. They are represented as buttons which provide a contact service on click. User can get in touch with any of the following

Contact PCMO

Contact SSM

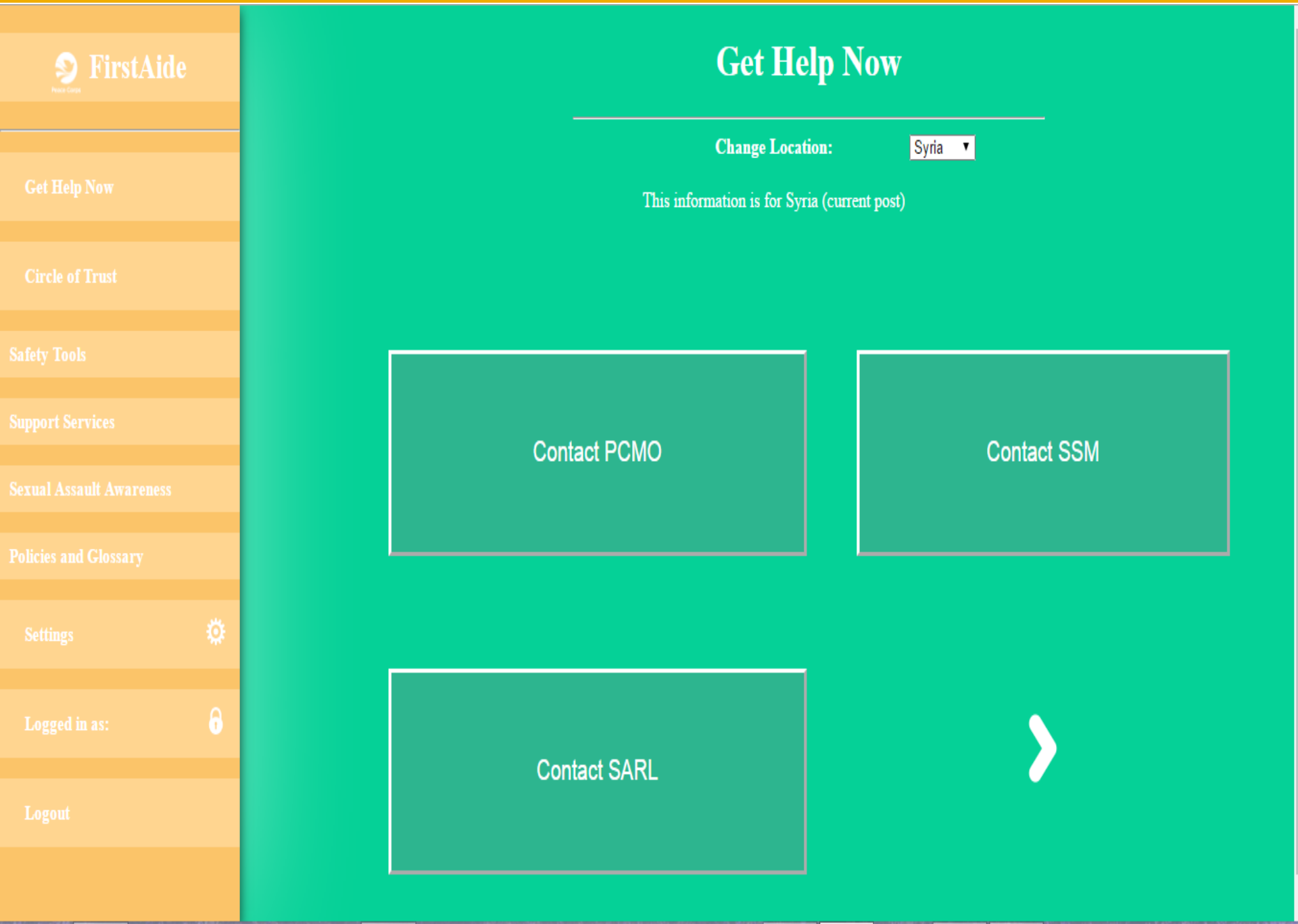
Contact SARL

PC Saves Anonymous Helpline

Office of Victim Advocacy

Office of Inspector General

Office of Civil Rights and Diversity


FirstAide
Get Help Now
Circle of Trust
Safety Tools
Support Services
Sexual Assault Awareness
Policies and Glossary
Settings
Logged in as:
Logout
Get Help Now
Change Location:
Syria
This information is for Syria (current post)
Contact PCMO
Contact SSM
Contact SARL

FirstAide
Get Help Now
Circle of Trust
Safety Tools
Support Services
Sexual Assault Awareness
Policies and Glossary
Settings
Logged in as:
Logout
Get Help Now
PC Saves Anonymous Helpline
Office of Victim Advocacy
Office of Inspector General
Office of Civil Rights and Diversity

Sub-features in Get Help Now

Contact PCMO, Contact SSM and Contact SARL

When any of these features are selected (via buttons) then, a pop up is opened and an option for Voice Call or Send Message is provided in it. The user may select an option and use that service to contact PCMO or SSM or SARL

When 'Send Message' selected

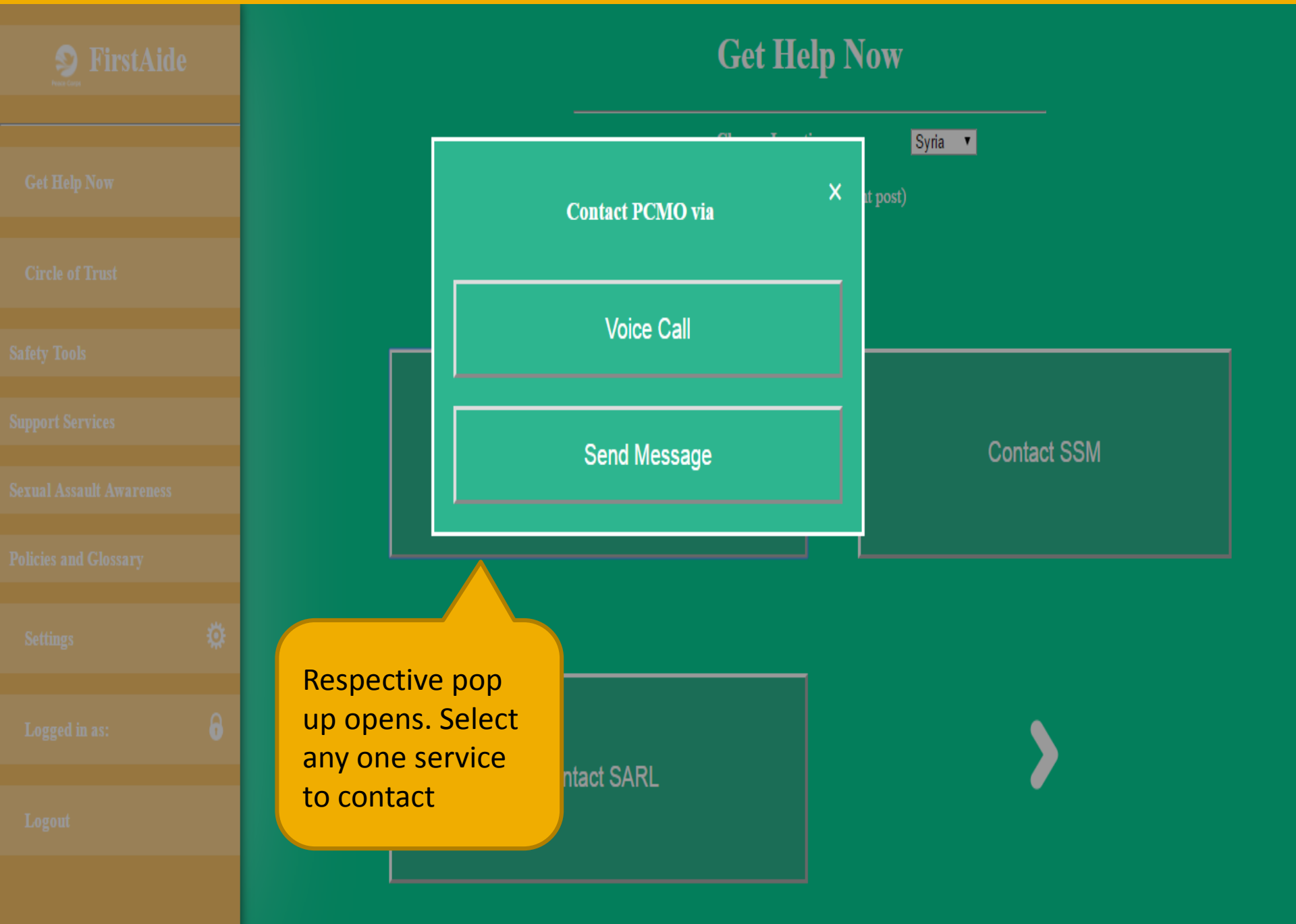
If the user selects this option, the app is redirected to another page. It consists of an input box to type the body of message and a Submit button to send the message.

When 'Voice Call' selected

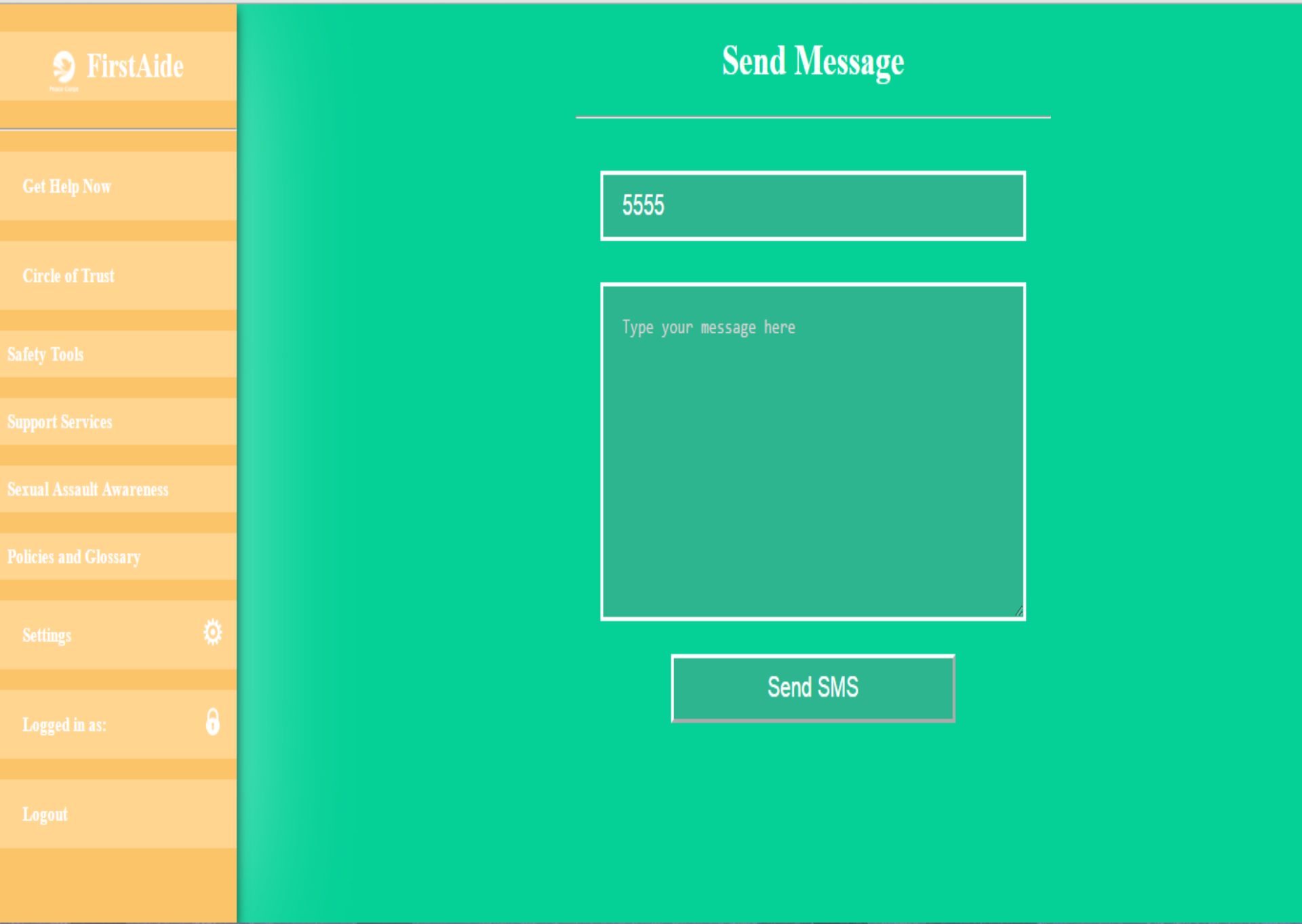
If the user selects this option, the app is redirected to another page. It consists of a Submit button to start a call

Note: The phone numbers of helplines are loaded automatically through backend. User need not provide them

Contact PCMO /Contact SSM /Contact SARL clicked



‘Send Message’ Selected



‘Voice Call’ Selected

Sub-features in Get Help Now

PC Saves Anonymous Helpline, Office of Victim Advocacy, Office of Inspector General, Office of Civil Rights and Diversity

When any of these features are selected (via buttons) then, a new page is loaded with the information regarding the helpline. As in the first three sub-features (Contact PCMO etc.) a pop up is opened using ‘Contact Now’ button. An option for Voice Call or Send Message is provided in it. The user may select an option and use that service to contact

When ‘Send Message’ selected

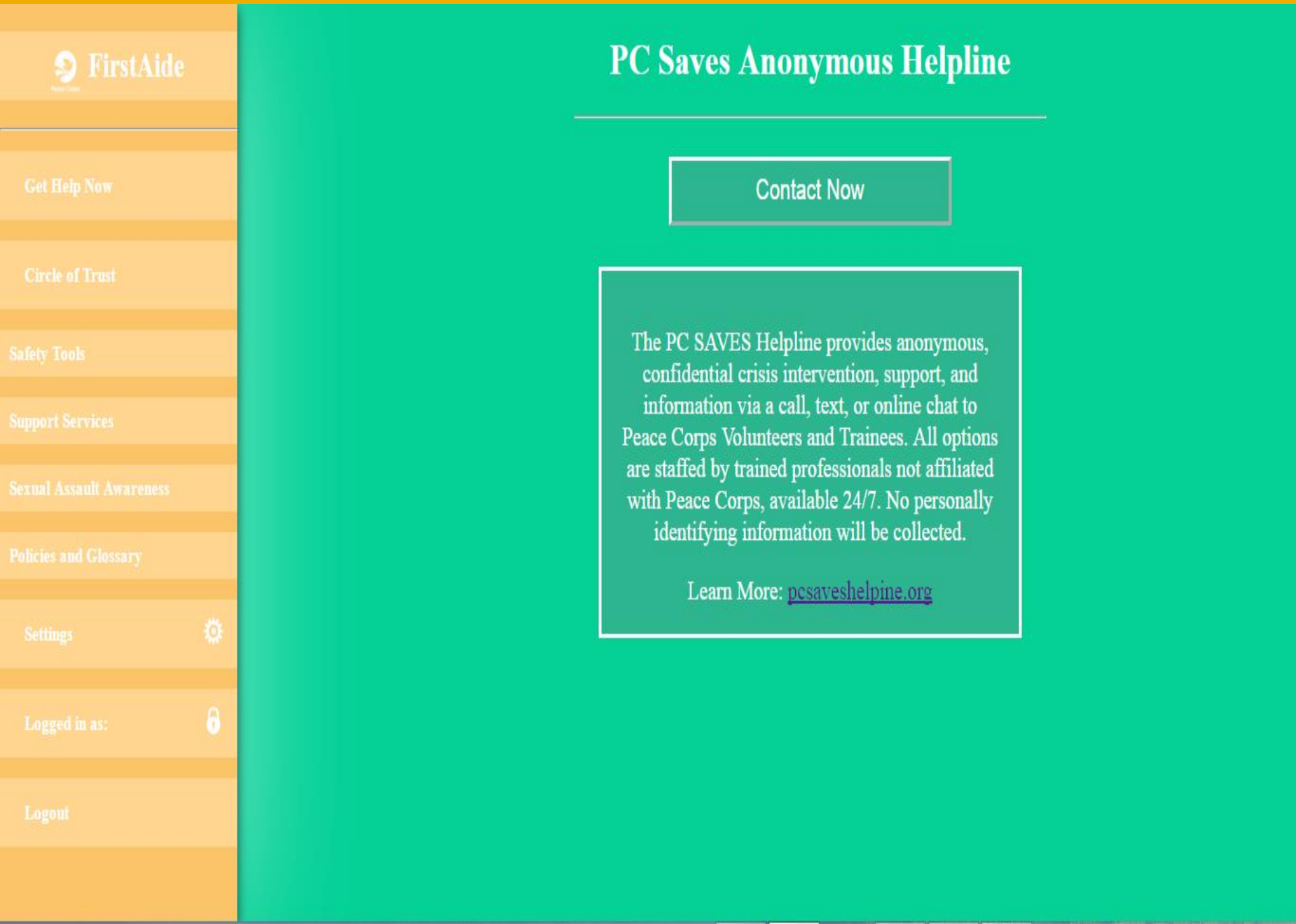
If the user selects this option, the app is redirected to another page. It consists of an input box to type the body of message and a Submit button to send the message.

When ‘Voice Call’ selected

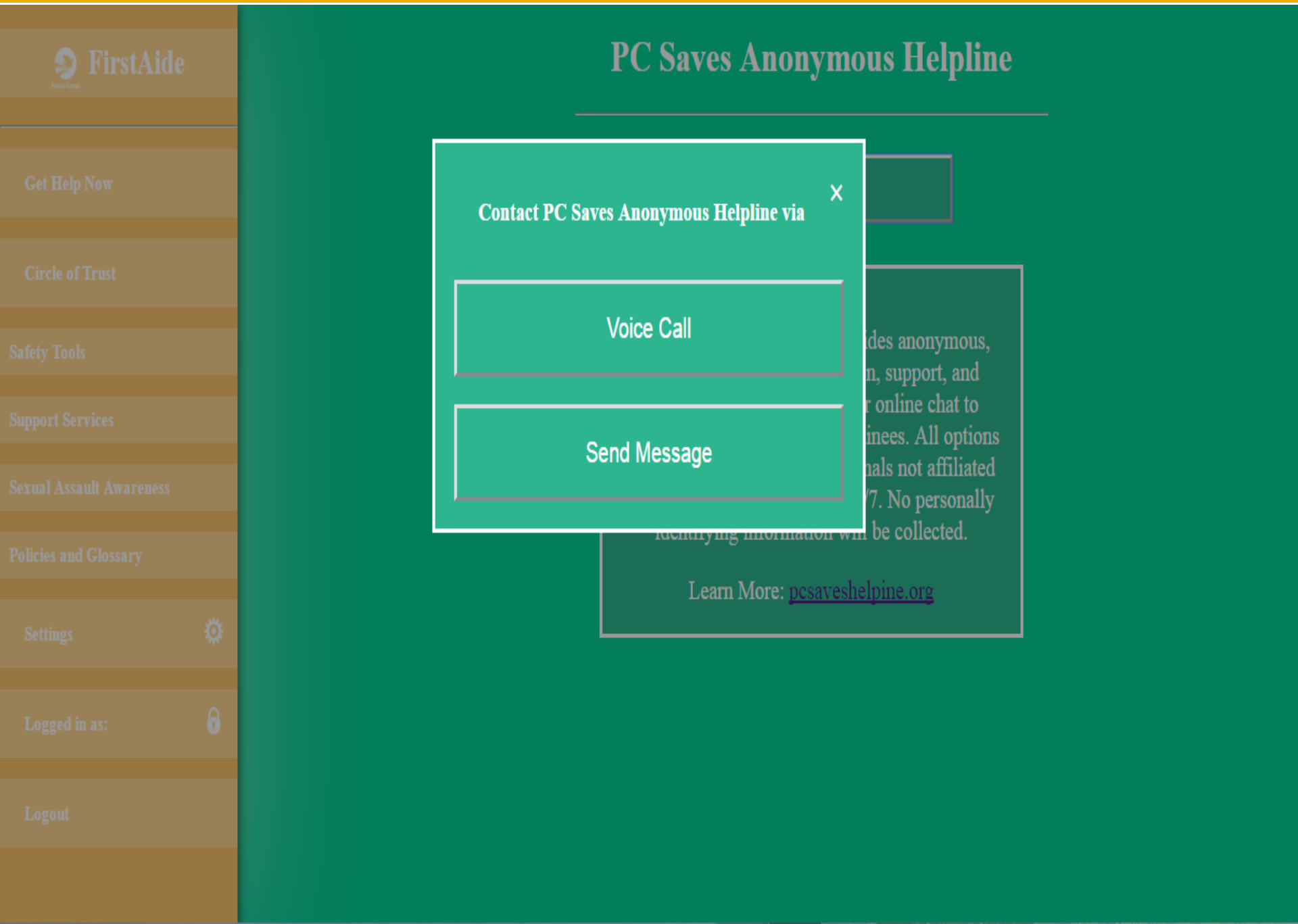
If the user selects this option, the app is redirected to another page. It consists of a Submit button to start a call

Note: The phone numbers of helplines are loaded automatically through backend. User need not provide them

PC Saves Anonymous Helpline (Other three sub-features also similar)



‘Contact Now’ button clicked (Other three sub-features also similar)



Message Testing Results(using twilio)

These are the logs of SMS sent when the functionality was tested

Programmable SMS Logs

Search by Message SID | Export to CSV

Start Date & Time | End Date & Time | From | To | All status | Filter

DATE	SERVICE	DIRECTION	FROM	TO	# SEGMENTS	STATUS	MEDIA
05:47:28 UTC 2016-06-17	—	Outgoing API	(205) 624-0076	+918885693793	1	Sent	—
08:47:56 UTC 2016-06-16	—	Outgoing API	(205) 624-00	93793	1	Sent	—
07:05:58 UTC 2016-06-16	—	Outgoing API	(205) 624-0076	+918885693793	1	Sent	—
16:08:16 UTC 2016-06-13	—	Outgoing API	(205) 624-0076	+918885693793	1	Sent	—
16:00:52 UTC 2016-06-13	—	Outgoing API	(205) 624-0076	+918885693793	1	Sent	—
16:00:21 UTC 2016-06-13	—	Outgoing API	(205) 624-0076	+918885693793	1	Sent	—
15:58:12 UTC 2016-06-13	—	Outgoing API	(205) 624-0076	+918885693793	1	Sent	—

Message Body
Sent from your Twilio trial account - hey

ANITA BORG INSTITUTE
WOMEN TRANSFORMING TECHNOLOGY

Call Testing Results (using twilio)

These are the logs of calls made when the functionality was tested

Call Logs

Search by Call SID | Export to CSV

Start Date & Time | End Date & Time | From | To | All Statuses | Filter

DATE	DIRECTION	FROM	TO	TYPE	STATUS	RECORDING	DURATION
12:14:14 UTC 2016-06-16	Outgoing API	(205) 624-0076	+918885693793	Phone	No Answer	—	—
12:09:38 UTC 2016-06-13	Outgoing API	(205) 624-0076	+918885693793	Phone	No Answer	—	—
12:01:58 UTC 2016-06-13	Outgoing API	(205) 624-0076	+918885693793	Phone	No Answer	—	—
11:59:32 UTC 2016-06-13	Outgoing API	(205) 624-0076	+918885693793	Phone	No Answer	—	—

* This call was made using your Twilio Trial Credit.

ANITA BORG
INSTITUTE
WOMEN TRANSFORMING
TECHNOLOGY

Thank You