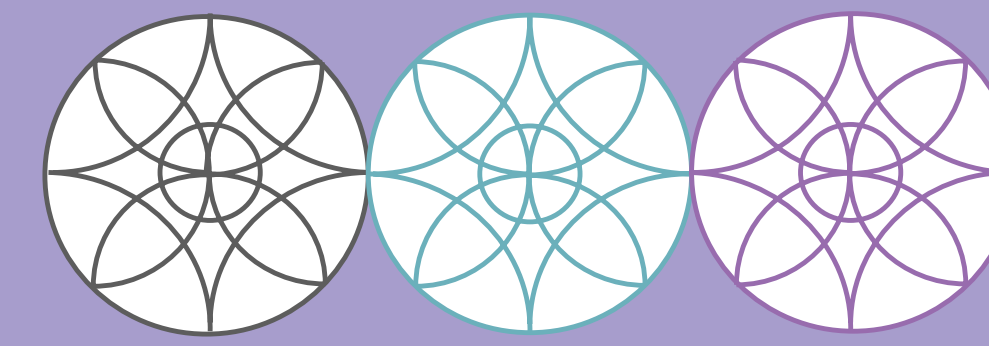


PROJECT LIBERTY



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BACKGROUND

More than 293,000 people are attacked every year. We fear that if something is not soon done about this, that number will only increase over time.

GOAL

We designed a bracelet button that is beneficial to people in dangerous situations. It allows the user to discretely contact emergency attention with just one click. We believe that by providing a discrete method of notification, we can assist people with getting help when they need it most.

#FREEYOURSELF

HOW IT WORKS

3D PRINTER

MakerBots were used to create the bracelet piece of the project. The center of the flower on the bracelet is a button that sends a text to an emergency contact.

ARDUINO

An arduino is attached to the button in order to process the button push. It is encased in the bracelet and is able to send a signal to the bluetooth shield.

BLUETOOTH SHIELD

The Arduino bluetooth shield receives signals from the arduino and sends them to any android device connected to the bracelet.

ANDROID / SMS

An android app receives a notification from the bluetooth shield which triggers the app to text an emergency contact number with a customizable message.

