

1.1 Project Scope

The objective of this project is to create a device that will direct children who are being trafficked or abused to seek help. Some of the key goals for this project are to rescue a child from a dangerous situation, to be able to be identified by a child as a device that can be used to seek help, to prevent false alarms as well as possible, to spread awareness for child trafficking and abuse issue around the world, and for this device to be use in the future by working with non-profit companies that are involved with child trafficking.

Our project consists of two markets. Our primary market mainly involves any child that's in danger who is seeking for help. This may include children that are actively being trafficked, or children that are in a dangerous situation in some other fashion (ie, a child who is a victim of domestic violence). Meanwhile, our secondary markets include the following:

- Tallahassee Police Department
- Thorn (non-profit company)
- ECPAT USA (non-profit company)

These organizations are a part of the secondary market, for the plain reason that the device and technology that we will be creating can benefit them in their work to save children from dangerous situations.

Our stake holder for this project is Dr. McConomy. As the professor in charge of the senior design class, he is ultimately in control of our project. As the advisor for our project, he has interest in the project as well. As the point of contact for our sponsor, the Dean's office, he is financially invested in our project, along with the Dean's office itself.

Due to the parameters given by our stakeholders we have made several assumptions in order to outline the boundaries of our scope:

- We will assume that the primary way the user will recognize potential interaction with this device is via a lenticular sign. The appearance of the poster will be dependent on the height of the viewer. In this case, any average size adult will see the regular poster that at a quick glance will not hold any bearing to them. However, a child will see the poster at a different angle because of their height, directing them to seek help if they need it.
- We will assume that the poster will be recognizable for children, so they can interact with the device to receive help.
- We will assume that law enforcement will be notified and able to track children in need.
- We will assume that the device will be able to be installed in a public place where the children usually are being transported for them to seek for help ex: Gas Stations, Bus Stations, Hotels, Airports. We will assume that any permissions to install this device in a public area will be granted.
- We will assume that children interacting with this device are able to see and interact with it. We cannot consider all the different disabilities a child can have. Therefore, we must assume that our device is for any able-bodied child that can see, hear and does not have any other disabilities.