

# Hopeboard

Mark Hay 2012



# Intro

The goal of Hopeboard is to provide a means to keep track of survivors in the case of a natural disaster, as well as to allow survivors to notify others of their well-being. The Application is separated into three sections: "Where are you?", "Who am I?", and "Here I am!". The primary audience is the elderly and the young, as they , may be unable to contact others by themselves.

# Goals

- Able to be accessed on all internet devices
- Flexible
- Easy to Use
- Easily Modified
- Free

# Resources Used

- GNU/Linux
- Lighttpd Web Server
- SQLite3 Database
- Python CGI
- XHTML

# Hope Board Main Page



## Hope Board

Web resource center for locating/searching loved ones after a disaster.



[Main](#)



[Recent Disasters](#)



[I am okay!](#)



[Where are you?](#)



[Who am I?](#)



[Links](#)



[Log Out](#)

## Hope Board Project (Main Information Page)

The goal of Hopeboard is to provide a means to track survivors, missing and found, after a disaster, as well as letting survivors notify others of their own well-being. Hopeboard accomplishes this goal by using a database to allow people to report if others are missing or found, or to report your own welfare. Hopefully, this will make finding loved ones easier for friends and family members of disaster victims, saving time, resources, and most importantly, peace of mind.

I got the idea for HopeBoard during the 2011 Alabama Tornadoes, in which Family overseas could not contact me, and worried if we were okay. If we had Hopeboard, they could know our condition, or report that we are missing otherwise.

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# Victim Search Page



## Hope Board

Web resource center for locating/searching loved ones after a disaster.

- [Main](#)
- [Recent Disasters](#)
- [I am okay!](#)
- [Where are you?](#)
- [Who am I?](#)
- [Links](#)
- [Log Out](#)

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## I am Okay Section

**This section are for victims to inform loved ones of their status and their whereabouts.**

Please, enter any or all information needed for the search:

Last Name::

First Name::

Age:

Race:

Height:

Weight:





Hair Color: :

Unique Features(Birth marks or tatoos)::

# Registered Victim Listing



## Registered Area Victims

-  [Main](#)
-  [Recent Disasters](#)
-  [I am okay!](#)
-  [Where are you?](#)
-  [Who am I?](#)
-  [Links](#)
-  [Log Out](#)



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Name	Age	Gender	Status
 Doser, Shara	21	F	Missing
 Donovan, James	22	M	Missing
 Doe, Jane	75	F	Contact Established!
 Doe, John	5	M	Contact Established!
 Douthit, Jane	31	F	Registered
 Denton, John	30	M	Registered
 Devine, Jane	34	F	Registered
 Dean, John	42	M	Registered
 Drinkard, John	30	M	Registered
 Davis, Jane	29	F	Registered
	22	F	Registered

# Missing Loved Ones Listing

[Main](#)[Recent Disasters](#)[I am okay!](#)[Where are you?](#)[Who am I?](#)[Links](#)[Log Out](#)

## Missing loved Ones


Name	Age	Gender	Status
 Doser, Shara	21	F	Missing
 Donavan, James	22	M	Missing



# Unidentified Registered Listing



**Please, help identify this persons.**

Name	Age	Gender	Status
 Doe, Unknown	70+	F	No Name


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 [Main](#)


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 [Recent Disasters](#)


---

 [I am okay!](#)

---

 [Where are you?](#)

---

 [Who am I?](#)

---

 [Links](#)

---

 [Log Out](#)

---

# Victim Profiles



## Victims Profile

Search Status: **Registered**

Name	Age	Gender
Denton, John	30	M



**Calamity Info:** 201104ALabama

**Information source:** Alabama Tornado of April 2011

**Source Contact:** 256-555-1212

**Source Agent ID:** AL32154

**Source Person:** Jennifer Carter

**Source Message:**

John Denton was digging what was his residence 2 days after the disaster. I took the photo shown in this page. He suffer from just minor scratches around his left arm. So far he has no means of contacting family members. He is currently staying at a temporary shelter at Austin High School

Main

Recent Disasters

I am okay!

Where are you?

Who am I?

Links

Log Out

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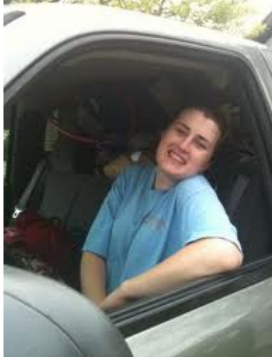
# Victim Profiles



## Victims Profile

Search Status: **Missing**

Name	Age	Gender
Doser, Shara	21	F



**Calamity Info:** 201104ALabama  
**Information source:** Alabama Tornado of April 2011  
**Source Contact:** 256-555-1212  
**Source Agent ID:** AL32154  
**Source Person:** Jennifer Carter  
**Source Message:**

**Searcher Name:** Michelle Doser (Mother)  
**Searcher Contact Info:** 205-5551212, 256-1212555  
**Searcher Message:**  
We last heard from Shara the evening before the tornado hit Tuscaloosa. She recently dyed her hair blonde and about 5-6' tall. Please, contac us asap. Mom!

Main

Recent Disasters

I am okay!

Where are you?







Who am I?

Links

Log Out

# Victim Profiles



-  [Main](#)
-  [Recent Disasters](#)
-  [I am okay!](#)
-  [Where are you?](#)
-  [Who am I?](#)
-  [Links](#)
-  [Log Out](#)

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## Victims Profile

Search Status: **Contact Established!**

Name	Age	Gender
Doe, John	5	M



**Calamity Info:** 201104ALabama

**Information source:** Alabama Tornado of April 2011

**Source Contact:** 256-555-1212

**Source Agent ID:** AL44126

**Source Person:** Ed Anderson

**Source Message:**

John Doe was digging what was his residence 2 days after the disaster. I took the photo shown in this page. He suffer from just minor scratches around his left arm. So far he has no means of contacting family members. He is currently staying at a temporary shelter at Austin High School

**Searcher Name:** Mary Johnson (Grandma)

**Searcher Contact Info:** 205-555-1212

**Searcher Message:**

It has been two weeks since we last heard from John or his parents (Tyron and Wanda) and sister (Tonya 8 yrs old). He lives at 123 Spring Ave in Huntsville, AL. Please, contact us ASAP. The whole family is worried. John is about 5 ft tall and has a birth mark on his right forearm.

# Victim Profiles



## Victims Profile

Search Status: **No Name**

Name	Age	Gender
Doe, Unknown	70+	F



**Calamity Info:** 201104ALabama

**Information source:** Alabama Tornado of April 2011

**Source Contact:** 256-555-1212

**Source Agent ID:** AL55124

**Source Person:** Allison Brown

**Source Message:**

Please, help us identify this person. She has been rescued from around the area of Danville road and Beltline in Decatur, Alabama. She shows sign of Alzheimer. She could not give us her name, address or anyone's name. She is currently in Parkway Medical Center being treated for multiple non-life threatening injuries.

Main

Recent Disasters

I am okay!

Where are you?

Who am I?

Links

Log Out

# Journal

March 10 - Project Concieved

March 11 - March 18 - Database, web server, and Programming Environment are set up.

March 23 - Password System created

March 27 - Search Database Entries Function

# Journal cont

March 29 - Victim Profiles System

April 1 - Picture management System Created

April 2-3 -Tying Together of all of the systems and functions.

April 4 - Designing of XHTML Website