

# Theme: NATURAL CALAMITIES

Team Name : PHAM

## Problem

Millions of people are affected by natural disasters every year, and their impact can be calamitous. From the destruction of buildings to the spread of disease, natural disasters can devastate entire countries overnight. Tsunamis, earthquakes and typhoons do not just wreak havoc on land; they also disrupt people's lives in both densely populated cities and remote villages. According to a November 2015 report from the United Nations, the rate of weather-related disasters (such as cyclones, typhoons and droughts) is growing. Between 2005 and 2014, the annual average of weather-related disasters was 335, an increase of 14 percent from 1995 to 2004 and almost twice the average recorded from 1985 to 1995.

## Objective

When an extreme weather situation is forecast, getting the right information at the right time is paramount, whether it's before, during or after the storm has occurred.

Finding ways to communicate can be difficult in the chaotic aftermath of a natural disaster, especially if your family is separated.

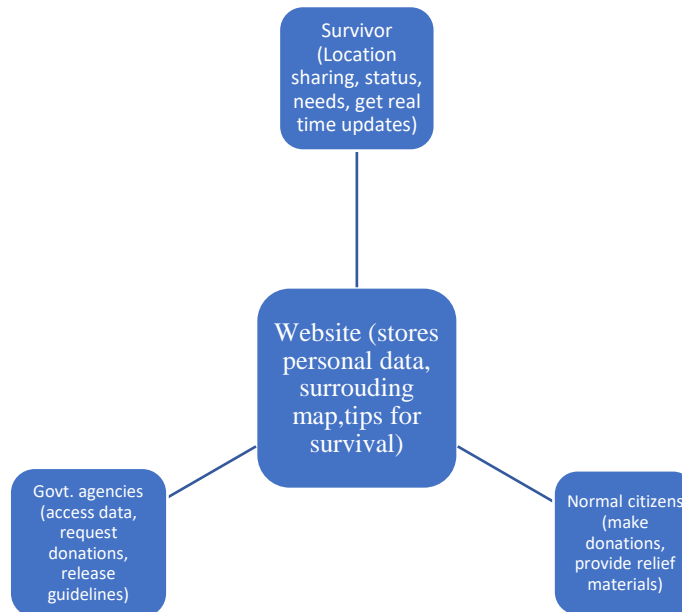
During these tough times, a website developed solely for survival against these natural calamities can be the difference between life and death.

## Implementation

The user needs to register themselves on the website by creating their account and filling out all the necessary information that might be useful in the face of a natural calamity. The website contains all the safety measures, precautions and survival strategies that one might require

during and after the unfortunate have struck. The website is capable of automatically loading the map of the surrounding location every time it reaches a new location.

In the face of a disaster, the survivors can use the website to share their real time location and the status to his/her emergency contacts and government agencies. The website also lets the people to ask for relief material when trapped somewhere and get real time updates of the whole situation.



Govt. agencies can access the data from the website to reach out to the survivors and arrange the required relief material for them. The platform can also be used to request and make donations and other such support during or after the event of calamity.