**Assam Flood Relief Management System**

**Assam Flood Relief Management System is a** web-based application with the help of Government authorities to provide effective measures for flood management. Many different supporting agencies, volunteers & NGOs can support and work as a team to provide relief to flood-affected victims.

The main purpose of this project is to help Assam people communicate with the rescue team to provide their location as an alert through telephonic communication or by sending requests on the website after registration. This application will help in rescuing the flood-affected victims and relocate them to safe camps and also provide essential relief to the victims like food, medical- aid, and shelter.

**-Application provides the following features:**

* Upcoming Flood Alert
* Instructions that can assist during implied situations
* Victims can register online and send a request for rescue
* Helpline number as an offline service for victims
* Provide relief to flood victims such as food, shelter, and medical aid
* List of nearest shelter camps and victims can book beds
* Collect donations in various terms like clothes, books, money, etc.
* Guided video help for victims on registration and for requesting relief/rescue
* Blogs to spread awareness of the situations faced by people in Assam

## User Characteristics

1. **Registration**

A new user can register herself/himself into the system and will get a unique ID and password. Victims can register by filling few personal details like name, address, phone number, email ID (optional), and size of the group.

1. **To Log – In to system:**

If the user is registered into the system then he/she can log in to the system using their own unique Id and password.

1. **Relief Request:** Victims to connect with the Relief team

Victims who do not need to be rescued but need some essential items can send relief requests to relief teams. For victims, there are three types of relief available on the website that are food, medical aid, and shelter. Victims can select multiple food and medical items and send them as a request to relief providing team. Victims can also book beds from the list of nearest safe camps.

1. **Rescue Request**: Victims to connect with the Rescue team

In emergency cases, victims can send rescue requests to rescue teams for relocating them to safer camps. With the victim’s information and the size of the group, the geo-location will also be sent to the rescue team.

1. **Helpline:** To connect with the rescue team through helpline service.

Victims who do not have access to internet service or does not have any knowledge of using web application can also call to the helpline service provider for asking relief/rescue. Helpline care will ask for all basic information from him/her and then send requests to relief/ rescue teams.

1. **Notification:**

After submitting the request form, the victims can view all the notifications for his/her own account like Request Send Successfully, Request Pending, Request Accepted, and Request rejected.

1. **Donation**

Many individuals and agencies can support the victims by providing relief. He/she/organization has to fill out the form for donation and give some detailed information about the donation type and quantity of products like to be donated.