

ABSTRACT

We are the witness of many natural disasters take place in our surroundings. Many people live in its miseries. Its impact on business and life are unpredictable. In such situation people were facing many problems like disaster reporting, volunteer availability, relief camp details, disaster related complaint's and helps etc..

Here I proposed a new Disaster Help Desk System named "Sahayi" which overcomes the issues of existing system. Those who are the witness of natural disaster they need to send photos of damaged things and explanation along with the personal details to the administrator. At the same time user also gets the message about the action taken by the administrator on the case as the notification form. Volunteer registration has been provided by this system and the registered volunteer details can also know by the administrator. By using this system people can send the disaster affected location to the authority and they can also acquire information about the relief camp. Through this system people can upload disaster related photos and videos. Government can publish disaster related notification such as blue alert, orange alert, red alert and etc.. In the relief camp, coordinators can request for the camp related requirements. This system provides Contact details of military and government departments.

Advantages

- User friendly data input screen
- Timely and accurate information can be obtained great speed
- Easily locate disaster affected locations
- Reduce paper work
- Higher processing speed
- It is more help for peoples and government

Modules

- Admin(CMO)
- Collector
- Coordinators
- Camp coordinators
- Registered users
- Public
- Rescue Team
- Volunteers

Admin Module

Admin can verify the details of district collectors and approve the authentication. The entire system is managing by admin.

- Collector Registration
- View and Update collector
- Send notifications
- View details of the victims
- Add public information
- View Camps
- View Complaints and send reply
- View fund details
- Add rescue team
- View and Update rescue team
- View certificate, fund request and reply

Collector Module

Collector can verify the details of coordinators and also verify the complaints of peoples and take the action. At the same time user get the message about the action.

- Coordinators Registration
- View and update coordinators

- View Complaints and forward
- View Camps
- View Victims
- Add District wise notifications
- View District wise notifications
- View admin notifications
- View public information
- View help requests
- Relief fund approval

Coordinator Module

Coordinator can verify the details of camp coordinator.

- Approve and Reject the camp coordinator
- View Camps
- View admin notification
- View district notification
- View public information
- View help requests
- View volunteer details
- View volunteer request from users, camp coordinator and approve request
- View camp requirements and approval
- View and approve victim generation request

Camp coordinator Module

Camp coordinator can manage the camp. Camp coordinator collects the different requirements from peoples in the camp.

- Camp coordinator registration
- View and update camp coordinator
- Add victim into camps
- Request for food, medical.... To coordinators
- View admin notifications
- View public information
- View district wise notifications
- Send volunteer request
- View volunteer request status

Registered Users Module

User can submit the natural disaster related images or videos, complaints and send the disaster affected location to Rescue team .User can also know about the action taken by the admin.

- Registration
- Profile view and update
- Post disasters
- View disaster
- Post complaints
- View complaints replies

- View camp requirements
- Send help requests to rescue team
- View help status
- Donate funds
- View admin notifications
- View public information
- View district wise notifications
- Add volunteer request
- View volunteer request status
- Post Victim generation request
- View Victim status
- Request for relief and certificate
- Relief fund and certificate request status

Public Module

Public can able to know the public information's

- Send help request
- View help request status
- View admin notifications
- View public information
- View district wise notifications

Rescue Team Module

Rescue team manages all rescue activities. Rescue team knows about the disaster affected locations from peoples and takes the appropriate rescue action for peoples.

- View the disaster affected locations
- View help requests and send reply
- View admin notifications
- View public information
- View district wise notifications

Volunteers

In this system anyone can register as a volunteer and is also able to view the victim requirements.

- Registration
- Profile view and update
- View user and camp coordinator requests
- View disaster information
- View admin notifications
- View public information
- View district wise notifications