

SAHAYATA

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ABSTRACT

SAHAYTA enables the user to get in contact with all the possible rescue team around them and to stay safe during any kind of disaster. It provides you with all the required necessary contacts. This application can be used by all the people and the rescue team also government body involved in the rescue purpose. It is basically a public utility application. Sahayata application helps the user to track its GPS location and track the possible safe places around their location. It helps the user to be constantly updated about the situation around them. It also allows the user to have a complaint and suggestion section, where the user can actually help other people of the same area to avoid possible problems and to make them informed about the safe places to get shelter.

Keyword: - Disaster Management, rescue application

1. Introduction

Our project is based on the domain “disaster management “. we are focusing over developing a mobile application , also compatible with internet web . we have focused over developing a project with of point of view which will be helpful in all type of disaster. So basically people along with the rescues team will find our application very useful . Uniqueness of our project can be explained with the matter of fact that if we go over the internet or application web store , we can find application for entertainment , for studying , for women security , restaurants , cab services etc but nothing is available for the emergency situation like disaster ,though there are some application which will provide you with some instruction’s though.but they aren’t as helpful .

1.1 Purpose of the Project

During a disaster situation our application will provide you with the update about the following:-

- Direct and secure connection with rescue department.
- All possible Emergency contacts at one button press.
- Nearby available safe places.
- Live updates about the situation.
- Weather analysis with the pre and post of 10 days.
- Notifications according to your requirement and demand.

We have added a feature which helps you in finding and also to report about the missing people.

2. SYSTEM ANALYSIS

2.1 Problem in Existing System

Problem with current scenario

There is just the long list of do's and don'ts for any kind of emergency situation. but it is the matter of fact that during any kind of disaster the main issue for failure in ensuring safety is the unawareness among the people about the safe places and poor connectivity among the rescues services and the affected people .

2.2 Proposed System

- The affected people can have a direct connection with the rescues team or the government bodies involved in ensuring safety .
- During any kind of emergency people often forget the important dial numbers in haste so all the necessary number will be packed at the one touch of your figure .
- All the safe places where you can take shelter will be informed to you and will keep an update about the possible situation n there.
- Live updates about the possibilities and forecast about the going on disaster will be updated , so that people can update themselves and prepare according to it .
- Our app will additionally provide the weather report about the previous 10 days and future days so that people can understand the situation well .

2.3 Modules and their description

This application comprises of 4 Modules:

1. **Updates Page**
2. **Emergency Page**
3. **Help Page**
4. **Right toggle Page**

2.3.1 Description:

1. **Updates Page:**
 - User views the list of the people missing , or are reported to be lost . and they can respond to it.
2. **Emergency Page:**
 - In the emergency page, the list of all the possible emergency units to be contacted are there and the user can connect to them on one tap.
3. **Help Page:**

In this page the user can inform about the situation around them and request for the help, this page provides the facility to feed the update with the image and video form for the easy understanding.
4. **Right toggle Page:**
 - This page has multiple features such as ,it provides you with the information about all the possible safe places around you, search locality provides to get updated about the situation around you , the weather analysis provides you with the weather update pre and post 10 days , the notification section provides you update about any possible emergency situation around you .

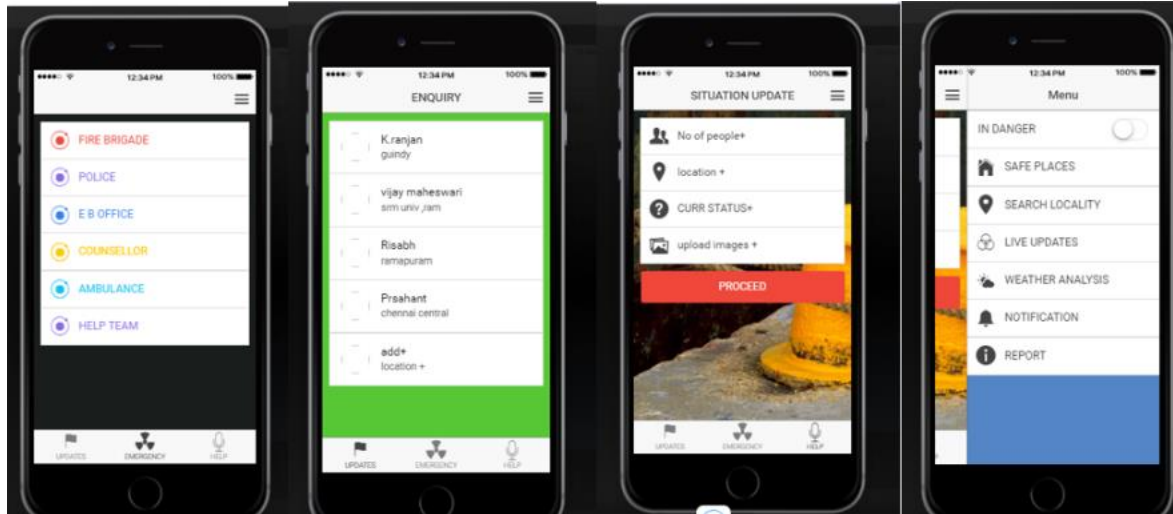


Fig -1: App Screenshots

3. FUTURE ENHANCEMENTS

The SAHAYTA app which basically is designed for disaster management. Our main aim from this app is to create a connection between the rescue team and the affected people in a manner such that the safety can be insured. But as a matter of fact the network failure is the common issue during most of the disaster so we are working to build our app in such a way that it can work within the network failure condition by using the device's internal capability. And also we would add the safest path for the person to travel.

4. CONCLUSIONS

The main aim of developing this application is to secure everyone's safety and to save numerous lives during any type of disaster. The application will ultimately improve the rescue provision during any kind of emergency condition and will facilitate the communication between the public regarding helping to avoid such disaster.

This application secures life from disaster and will help you stay safe and also easily connected to the society and other important units.

During normal days it can also be found useful in the terms of finding the missing person. Or can be also used as the way to forecast any kind of possible emergency situation.

It would also provide us with the important data for the further research and development.

5. ACKNOWLEDGEMENT

We would like to acknowledge our project coordinator Liza Man and our HOD Mr. Thivakaran for helping us in making this project and special thanks to our project guide Mr. Veeramani.

6. REFERENCES

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