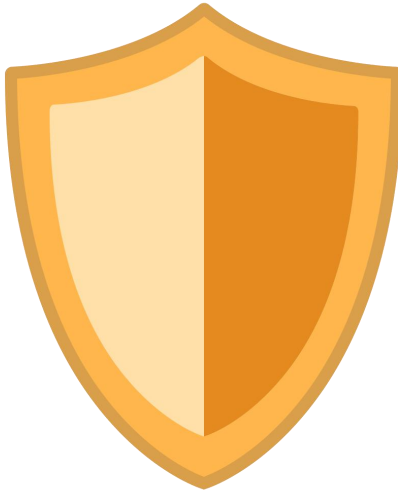


# APP DOCUMENTATION FLOW



**PRO RESCUE SOLUTION**

**DEEPAK & SHARANG**

**23<sup>rd</sup> Sept'18**

**Version 0.0.1**

REVISION HISTORY			
DATE	VERSION	DESCRIPTION	AUTHOR
23 <sup>rd</sup> sept 2018	0.0.1	App documentation flow	Deepak & Sharang

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## **INTRODUCTION**

### **PURPOSE**

To identify the flow of the Pro Rescue Mobile app

## **DESCRIPTION**

### **USER APP FLOW**

The user app enables user to call for rescue help in case of a disaster and connects him/her to the closest rescue team using distance measuring algorithms and haversine formula . The app also alerts the user in case of a disaster and show the location and type of disaster.

It not only connects user to rescue team or on ground sensors but also create a network of people who can connect to each other during disaster and help each other. Also supports chatbot based on Machine Learning, in case user is not able to get the information from the app.

Detailed and accurate rescue and disaster related information , dependency on ground sensor data and capability to create network of people make app unique, practical and an effective solution.

### **FEATURES OF APP**

- Instant Rescue
- Rescue request with Information
- Nearest rescue team Location and directions with details
- Live disaster alert System with location and type of disaster
- Need help feature- Ask for food , accommodation, police, doctor help on the go
- Provide Help feature - Help others by providing food, accommodation and other professional help
- Nearest safe houses
- Secure authentication
- Easy to use
- User friendly UI and icon based approach
- Live data monitoring
- Chatbot support

### **APP FLOW SUMMARY**

The app flow starts with user registration which requires basic information from user and there moves on to Login.

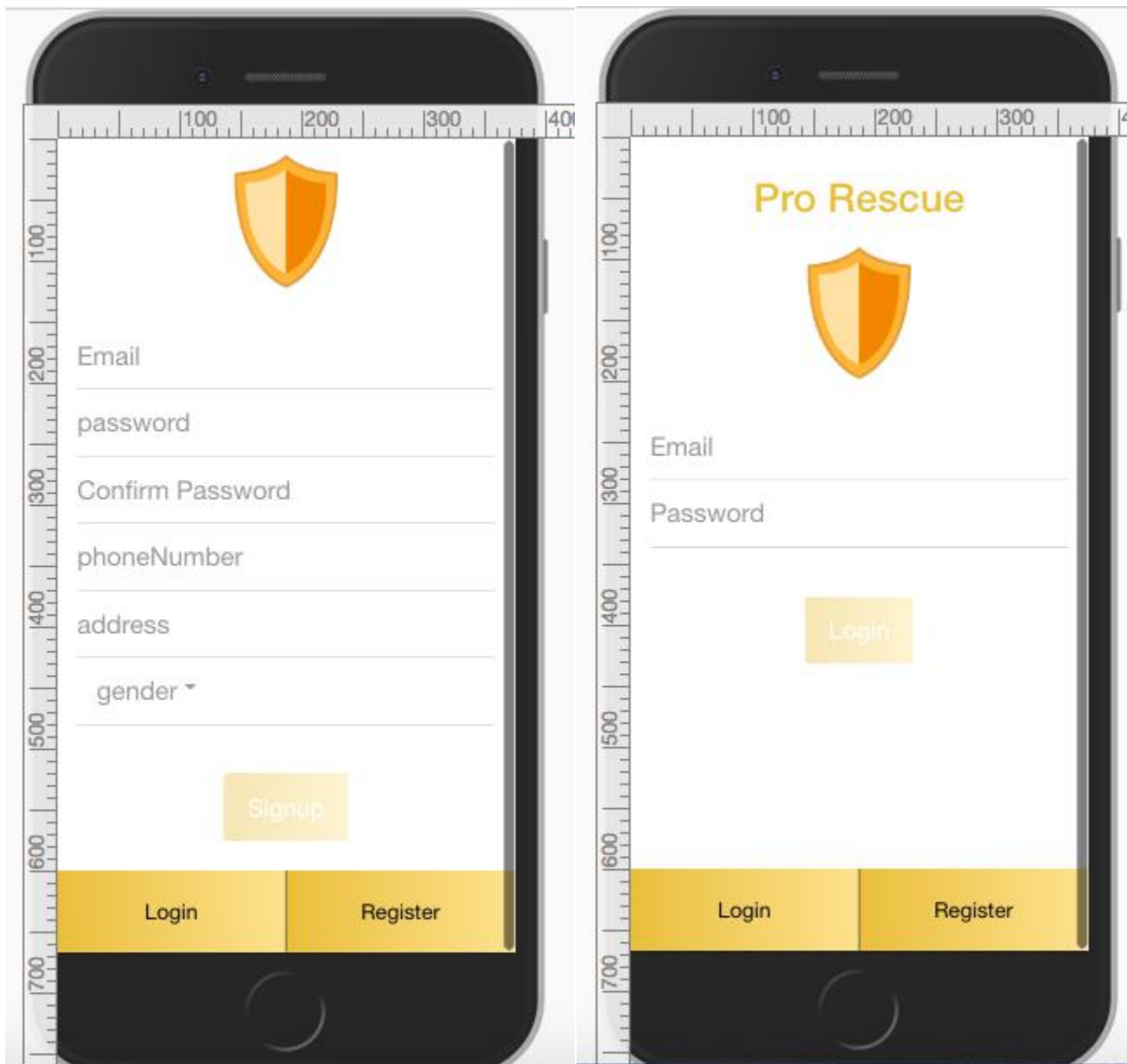
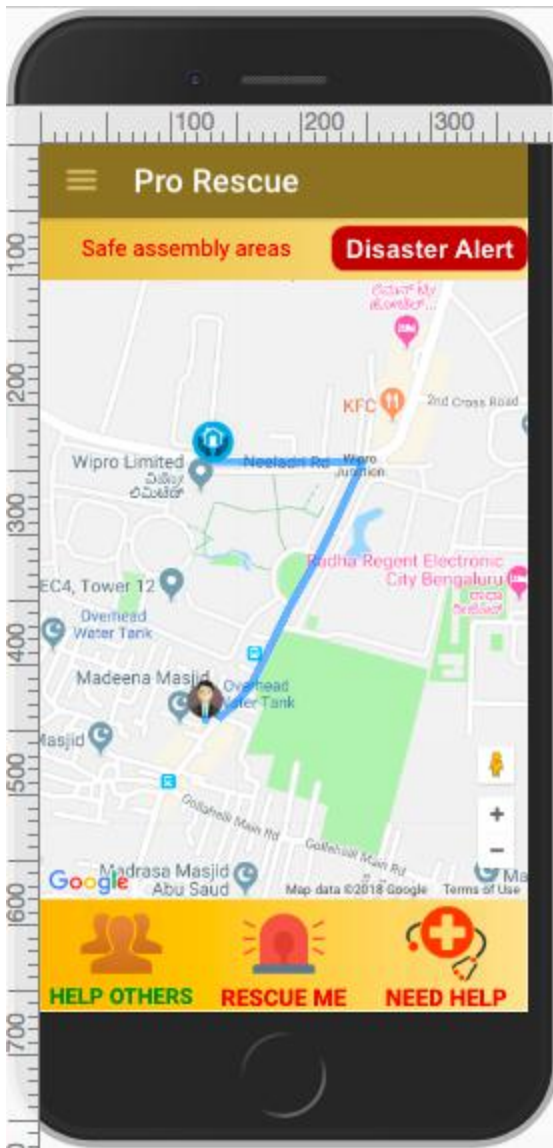


Fig: Registration & Login

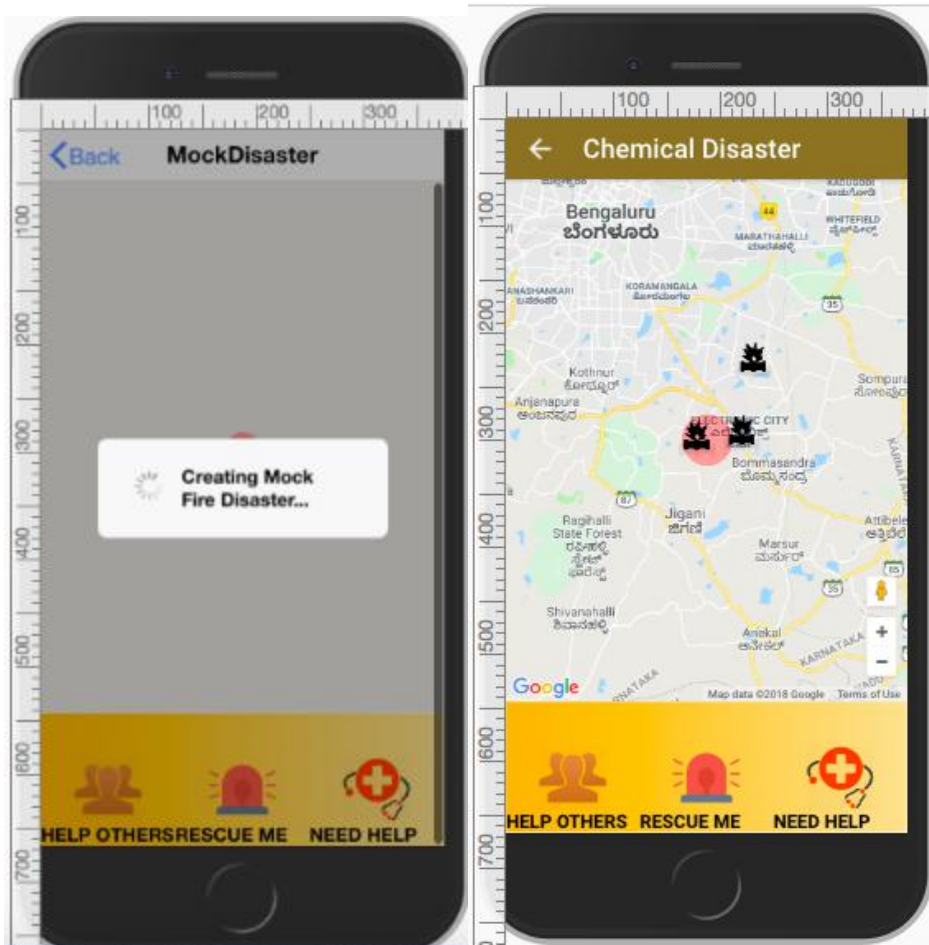


The user after secure JWT based authentication lands on Overview Page.

The over view page detects the current live location of user and fetches the profile details.



The landing page has two options on top.  
Safe assembly areas  
Disaster alert



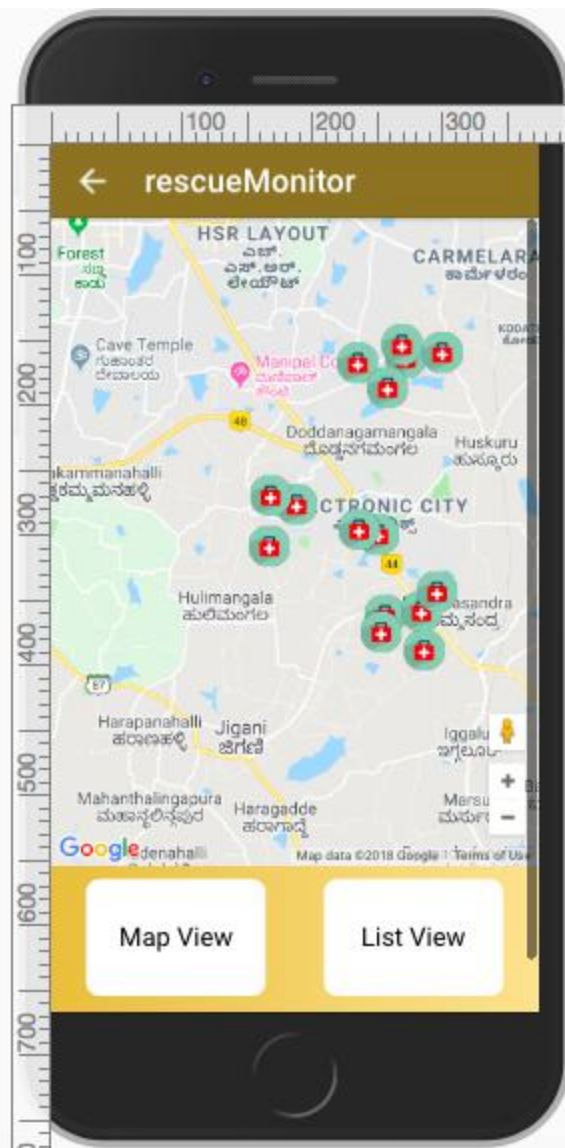
Option 1 is default and shows all nearest safe assembly areas on zoom out but also show the direction and selects the nearest safe assembly area based on your location using algorithm and shows directions.

The app is in direct sync with server which alerts it in case a disaster has occurred within a particular radius of user and requires evacuation.

In this case server will alert the app and the "Disaster alert button" will start blinking and a notification comes.

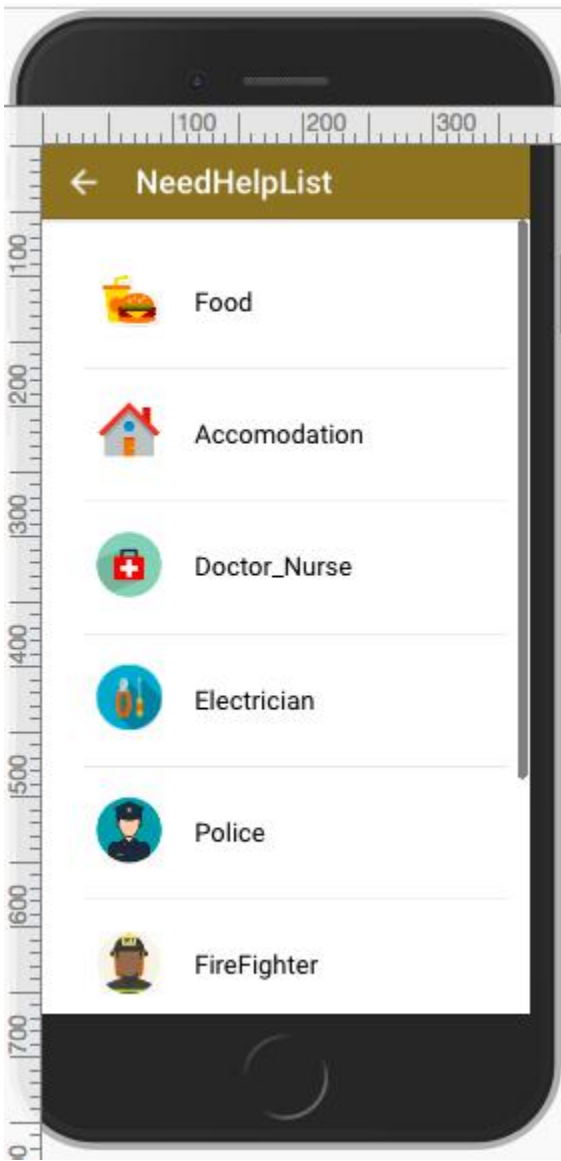
The user can check for location and type of disaster and call for rescue or need help based on will.

In case user is in safe zone and would like to help others he can go to Help others icon and register for multiple type of help.



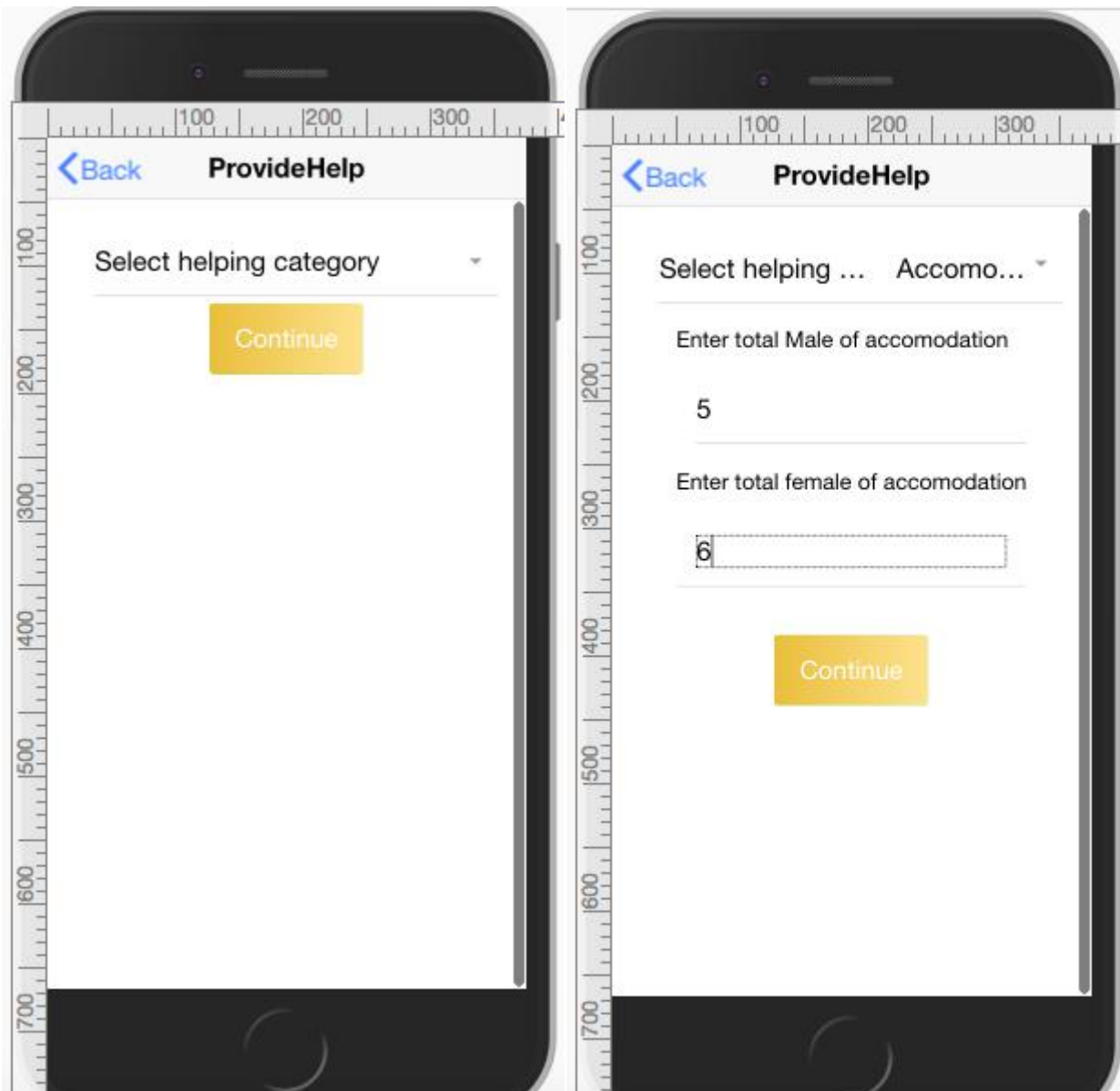
The safe user can provide food help by mentioning number of people he can feed or provide accommodation based on gender and count.





It also enables doctors, electricians, police etc other valuable professionals who can be useful in case of disaster to register themselves for helping others.

People providing help and in need of help comes in direct contact.



In case a person needs help he can go to option and select the category. On selection a map comes that shows all current helping partners. The user can contact them and ask for help by their contact details. It also provides a list view for all partners in case user is not interested in knowing based on location and needs other params to filter the partner.



The app also supports designflow chatbot which is based on Machine Learning which gets trained with more and more intents. In case user is not able to contact anyone, he/she can always take help of chat support system.