Emergency Locator – SOS Help!

Minor Project

IBM Career Education

Disclaimer

This Software Requirements Specification document is a guideline. The document details all the high level requirements. The document also describes the broad scope of the project. While developing the solution if the developer has a valid point to add more details being within the scope specified then it can be accommodated after consultation with IBM designated Mentor.

INTRODUCTION

The purpose of this document is to define scope and requirements of an Emergency SOS Help application. A large corporate has plans to add this application on their intranet for the benefit of vast employee base. The application leverages Google API for fetching the required information.

The proposed system is targeted to aid Seeking Help or Providing Help based on the latest information posted in the app.

1. Look up Nearest Hospitals, Ambulance Services & Routes based on Source and Destination.
2. Blood Donation Needed.
3. Financial Aid to Manage an Emergency
4. SOS Help for Disaster Hit Areas

This document is the primary input to the development team to architect a solution for this project.

System Users

The employees of the company shall use the application to Seek or Service SOS Help Needs. The admin department user shall ensure master data or updates from time to time are posted with utmost care as the information is highly personal and sensitive.

Assumptions

1. An intranet for the company exists.
2. Users can access the system over Internet. For the purpose of this project, enter the user data from the backend.
3. The developer shall populate data for masters from the backend for testing and demonstration purposes of this project.

REQUIREMENTS

Basic System Operations

The system displays a page with Emergency Numbers for Services like Fire, Ambulance, and Police on the Banner.

The system displays on the main page.

1. Medicare Services
2. Blood Bank
3. Financial Aid
4. Disaster hit SOS Help

On click of any of the sub categories the system displays the meta information as

follows for each option.

Medicare: Enter location; the system fetches data such as address, phone numbers, approximate distance for various hospitals in and around the location entered. System fetches this information using Google maps API. User can opt for viewing route to reach the hospital.

Blood bank: Enter city; the system fetches data for various hospitals in and around using Google maps API. User can get details like contact number for the Blood bank.

Financial Aid: The logged in user's medical policy and coverage is displayed for reference. User may request for a loan from this form itself. The form is submitted to administrator of this application.

Disaster Hit SOS: Lists all the areas where relief activities are on. The list of locations with address along with what all could be contributed is displayed for user's reference.

DEVELOPMENT ENVIRONMENT

On the Emergency locator – SOS help will be developed as a web application using Java language. Eclipse will be used as the IDE for the same.