

Problem Statement:

Cities in India are growing fast. Cities have safety issues. We often come across news and available data, which indicate a particular area being more unsafe than others. We are looking for software solution for ensuring the safety of citizens in these unsafe areas. Safety measures, Warning messages, Asking for help, etc can be features. Additional features are welcome.

Abstract

As the cities are growing bigger and bigger, the people are prone to more unsafe areas. This application aims to provide a solution to get away from those areas and to survive in some of them. It collects the information of the user regarding their own details and their guardians' as well. The safety measures provided by the website includes the general tips to stay safe as well as personalised tips pertaining to staying safe in certain unsafe places like empty parking lots. The Ask for help functionality in this software helps us to capture the exact location of the user on user's request and provide help using the sources around that neighbourhood such as connecting them to a local police department and sending them help. The chatbot IVR facility is used to provide help round the clock service such as getting help from a higher official.

The warning messages indicate us about our position in an unsafe place and inform the guardians as well with details collected during registering. The user and the guardian are prompted through SMS/Call/Push Notification/Alert Notification. The team is also alerted regarding such an event.

The control room provides us all the statistics like when the SOS button is clicked, the details about warning messages being sent to both user and guardians are recorded and those data are analysed and reports are generated.

The application regularly takes a survey by conducting a poll regarding the safety at a certain location, like the validation of an incident at that location by people at the location. It constantly collects data from such polls to ascertain the safety of that location. The application lets us file a complaint regarding an incident and reports it to the required office.

The application allows us to enter our daily schedule and its corresponding locations. If one does not arrive at the location at the given time, an alert message can be sent to the guardians regarding such an incident.

The Glitches Around You functionality helps us identify localities with complaints and is marked as a red spot on the map until it is rectified so as to prevent users entering that place. Thus, our ultimate aim is to ensure users' safety in unsafe places by providing various functions.