

VOLUNTEER FINDER (Let's think of a better name later)

OVERVIEW:

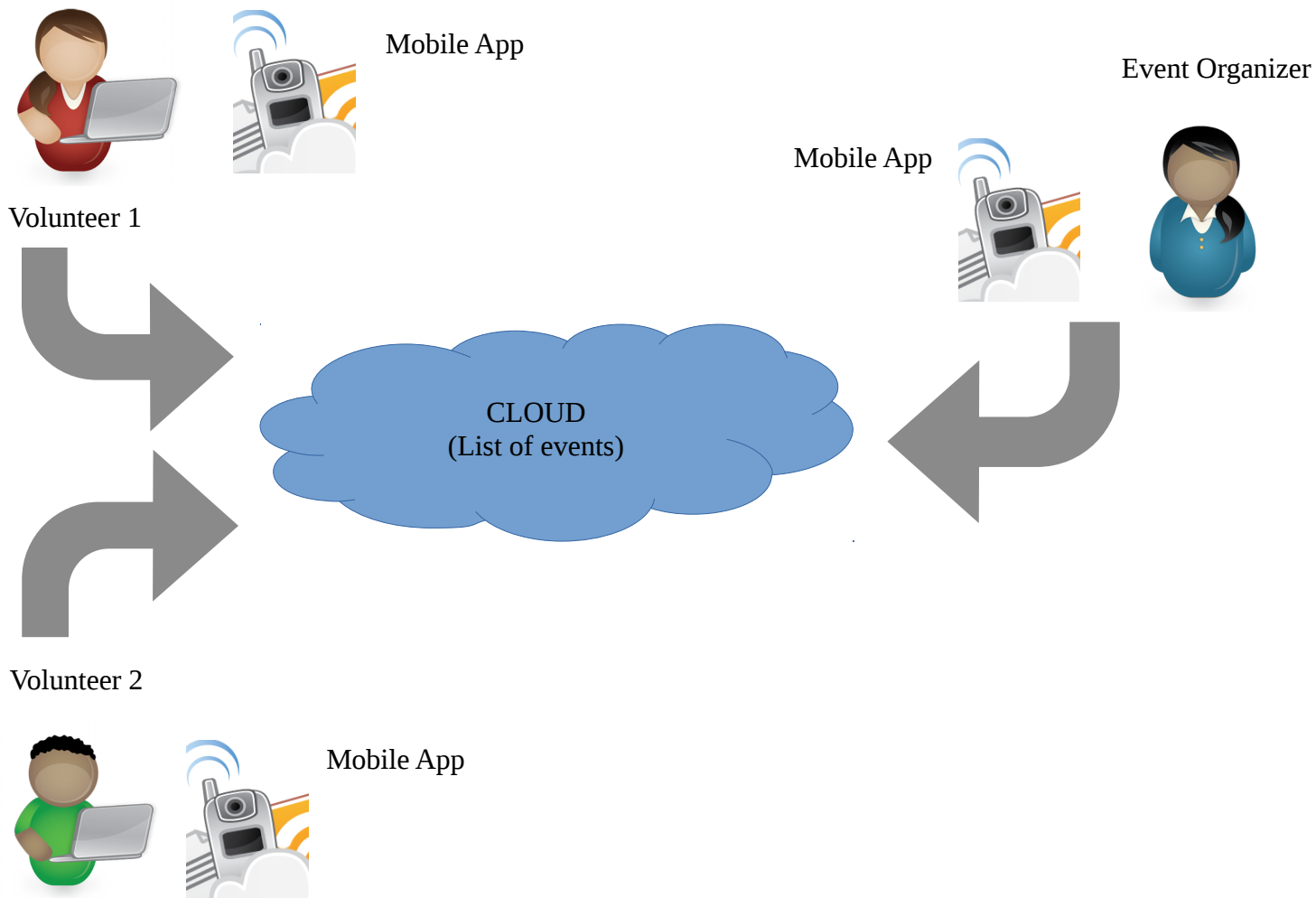
Imagine you are setting up an event and you need volunteers. You are planning on an activity for a social cause and you need people to help you at ground zero. Unfortunately you are not part of an organization or the members of the organization that you are a part of is not available that day and you are need of a large number of people who are ready to handle various parts of the job.

The other situation is where by you are an individual who does not have the resources to plan an event but have the time to help people working for a social cause. You also are limited by your location and availability due to which you remain woefully uninformed about the events going around you

Our application, <Volunteer Finder> helps people in both the scenarios. The overall picture of the application is to help event planners to find volunteers and volunteers to find events in and around their idea that they can participate in. This application hopes to go a long way in making any and every social activity a grand success and making our place a better place to live in.

SYSTEM DESIGN:

The basic system design consists of two parties being connected to a cloud of events through the application. The application is designed to act as a gateway between volunteers and event organizers.



PARTICIPANTS:

This section discusses all the participants in the system. The interaction between users are minimal while the interactions between the application and user is kept to an absolute minimum so as to let the application decide what the user would like thereby making it smart. The key participants of the system are:

- Event Organizers

These are the people who plan the event and are requiring the services of volunteers. The event organizers create the event in the application framework and thereby notify all active listeners about the event so created. The event organizers reserve the right to cancel an event that they have created. The event organizers also get to enter the number of volunteers that they need along with the job description for each class of volunteer.

- Volunteers

Volunteers are the other end user of the application. Volunteers get the list of events occurring around them and they choose the event they want to volunteer to. This gives them flexibility to attend the events that really supports their line of thought.

- Cloud Service providers

Cloud Service providers provide us with the cloud to maintain the database. The database contains the following data at the minimum:

- a) Volunteer Profile Information
- b) Event Details

FUNCTIONALITY OF THE APPLICATION (*) :

1. Volunteer end functionalities:

- Create his or her own profile includes name, sex, age and contact information
- Choose the radius of his or her search
- View events and subscribe to particular event organizers
- Apply to be event volunteer for open events
- Bookmark and follow closed events.

2. Event Organizer end functionality:

- Create events
- Mention the number of volunteers required. Number to be set to zero if there is no upper limit for the number of volunteers required
- Mention in the event description about obtaining contact information of all signed-up volunteers and screening of volunteers if any.

FEATURES PROVIDED IN THE APPLICATION (*):

- By default, volunteers have the choice of location or goal based searching of events. There will be two live feeds running on. One based on location and the other based on the kind of events that the user likes

- For the first run as a volunteer, only the location based feed will be active if the person did not specify any type of event that he likes. If he or she did choose the type of events that he or she likes, then those events will be located under the goal based feed tab.

- The system keeps a count of the number of volunteers signed up for each event and maintains a counter. Once it reaches the required number, the event join button is grayed out. A volunteer can now add the event to 'watch list' and is notified when a volunteer opts out of the event or if the event organizer modifies the event and increases the number of volunteers required.

- An event organizer has the ability to create and modify events and can access the contact info of volunteers who wish to attend an event. An event organizer can also add other people as event organizers to the same event.
- Every Authorized Organizer has to be added by the event creator alone and this will be done as a request
- A chat room can be associated to each of the event group where volunteers can ask questions and the organizers can answer and post information in a group scale.
- The system access the location of the person and suggests events he or she can attend to and at the same time also learns about the kind of events that a person likes so that it can predict the kind of events that the user is likely to attend.

FLOW OF THE APPLICATION

- Event Organizer creates the event and adds other users as event organizers.
- Volunteers get the event in their feed and add themselves to the event
- Based on the settings of the event organizer, there is a screening
- As every volunteer signs up for the event, the volunteer counter keeps decrementing by one
- When the volunteer counter reaches 0, all other volunteers can follow the event
- When an existing volunteers removes himself from the event, members who are following are notified first and a FCFS takes place
- No volunteer can choose to attend two events attending at the same time.
- A volunteer enters his availability for every day of the week so that the app reminds him if he tries to sign up for an event that he or she might not be available to attend. This ensures that volunteers those who are 99% sure of attending can alone sign up.

TEAM MEMBERS:

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