## **General Description**

## **1.1 Product Description**

The product is said to be a Web application called “PartyGuard” that allows fraternities to make their parties secure and monitor the safety of their female guests. Whenever a woman is facing some kind of problem, she can send an alert to the party host describing the problem through her mobile app. The fraternity host receives the reports and they will send the guards to the spot of the incident and sort outs the situation.

The following are the main features of the application:

1. As our team is responsible for a Web application.
2. This application allows the Admin to create accounts of fraternities.
3. The fraternity heads (Host) can create an event and assign Guards to that particular event.
4. This application maintains a database of all the members at the party.
5. Number of users registering: Though the number is precisely not mentioned, but the application is able to support a large number users at a time.
6. Request a Quote: Guest users can submit their details and get a quote of the services provide by the application.

## **1.2 Product functions**

The primary purpose of PartyGuard is to that allows fraternities to make their parties secure and monitor the safety of their female guests.

This application stores the details of the administrator, fraternity head, Guards in addition to all those who are attending the party.

* Admin can view, add, delete and suspend customers.
* Host users can view and edit their profile, Create events, View and edit those events, Assign guards, View and delete members of their fraternity.
* Guard user can view and edit his profile, change his password and also view all the events to which he has been assigned.
* Basic user can view and her profile, change her password.

## **1.3 User characteristics**

It is considered that the user has the basic knowledge of operating the internet and how to open a website from the browser. The administrator, Host user, basic user and guard user are expected to be familiar with the interface of the application and how to use it.

## **1.4 General Constraints**

* Our application will induce an adaptive user interface so that it backs up any size display or orientation.

## **1.5 Assumptions and Dependencies**

* The app is going to be used by fraternities present in all universities inside US.
* Assume all the basic users are women.
* The web API is assumed to be working.
* All the fraternity related data are available in the database server and user will access those details through the web application.