



Start Date
January 17, 2008

End Date
April 29, 2008

Project Name: REDLIGHT | GREENLIGHT

Administrator: Lauren Liddell

Project Sponsor: Eddie Burris

REDLIGHT | GREENLIGHT targets mobile phone users who operate motor vehicles.

Purpose

The main purpose of our application is automobile safety. Because of the number of mobile phone related collisions, we have decided to develop a security application that restricts users' mobile phones while the device is traveling at speeds greater than fifteen miles per hour. When in restrictive mode, the user is able to access emergency services and a limited number of preselected telephone numbers.

By developing this application, we hope to reduce the number of mobile phone related motor vehicle accidents.

Budget

Sapience has no financial requirements. We will devote as much time as is necessary to successfully complete our goals.

Constraints

RedLight|GreenLight will be constrained by the Java Programming language and Open Handset Alliance's Android software development kit.

Goals & Objectives

Sapience will write a mobile security application for the Android platform.

More specifically:

- RedLight|GreenLight will have a friendly, easy to use user interface.
- RedLight|GreenLight can be enabled and disabled from remote locations.
- While enabled, RedLight|GreenLight will be able to determine the speed at which the mobile device is traveling.
- RedLight|GreenLight will restrict usage of the phone while the device is traveling at or above fifteen miles per hour.

Schedule

- 2/1/08 - Project charter approved
- 2/7/08 - Release plan complete
- 2/14/08 - Requirements document complete
- 2/26/08 - Iteration plan complete
- 2/28/08 - Technology prototype complete
- 3/6/08 - UI prototype approved
- 3/13/08 - Architecture document complete
- 3/20/08 - Release candidate one complete
- 4/10/08 - Release candidate two complete
- 4/24/08 - User guide and system documentation complete
- 4/29/08 - RedLight|GreenLight complete