

CMPS 116 Release Plan

Product Name: CruzSafe
Team Name: CruzSafe team
Release Name: Minimum-minimum viable product
Release Date: 3/15/19
Revision Number: 01
Revision Date: 1/19/19

Revision:

- Initial document uploaded.

High level goals:

- 1) Facilitate communication between the police application and the student application
- 2) Provide features in the police application to improve data analysis.
- 3) Provide features in the student application to improve user experience
- 4) Learning new technologies as a team.

User Stories:

Note: 1 user story point has been determined to be a single CMPS 101 *question*. (~3 hours of mildly strenuous, confusing work)

Sprint		Points
Sprint 1 Learning/App Functionality	1) <i>As a developer, I want to learn React-Native, Firebase, and Java to help improve the mobile app (student side)</i>	13
	2) <i>As a developer, I want to learn Firebase, JavaScript, CSS, HTML, and Node.js to help improve the web app (police side).</i>	13
	3) <i>As a student user, I want a basic mobile app with a welcome screen and a home screen so that I can navigate through the application.</i>	8
		34
Sprint 2 Interaction b/w Web & Mobile	4) <i>As a student user, I want to be able to write text messages to communicate with the police.</i>	2
	5) <i>As a student user, I want to send my location to the police to help them know where I am.</i>	5
	6) <i>As a police user, I want to a basic web application that displays the complete list of reports to overview the information and statuses of students.</i>	8
	7) <i>As a police user, I want to be able to send pre-written responses to the student who sent in a status.</i>	3
		18
Sprint 3 Notification and Security	8) <i>As a student user, I want to receive notifications from the police so that I can know when I my messages have been received.</i>	3
	9) <i>As a student user, I want to be able to take photos to better communicate my situation.</i>	3
	10) <i>As a police user, I want to be able to log in securely in order to protect the sensitive information being sent through the application.</i>	2
	11) <i>As a police user, I want to receive a notification when a</i>	5

	<i>student sends a report so that I can respond quickly.</i>	
		13
Sprint 4 Core Functionality	<i>12) As a student user, I want to be able to add more information so the police can better communicate with me.</i>	3
	<i>13) As a student user, I want to be able to send video through the application so that the police have a better idea of my circumstances.</i>	5
		8

Product Backlog:

Listing of all high-level goals and user stories that were discussed in the release planning meeting, but which did not make it into the release. **WILL BE DISCUSSED IN RELEASE PLAN FOR CMPS 117.**

- Live streamed video
- 911 calling functionality
- Adding police functionality for response to events such as calling and texting.
- Possible google account integration
- News bulletin + notifications
- Lost and found reporting
- Police dashboard; statistics, graphs, map.
- Upgraded quality of mobile app
- Upgraded quality of web app