CMPS 116 Release Plan

Product Name: CruzSafe
Team Name: CruzSafe team
Release Name: Minimum-minimum viable product
Release Date: 3/15/19
Revision Number: 02
Revision Date: 1/24/19

Revision:
- Updated with post-kickoff features

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	a) *As a developer, I want to learn React-Native, Firebase, and Java to help improve the mobile app (student side)*	13
	b) *As a developer, I want to learn Firebase, JavaScript, CSS, HTML, and Node.js to help improve the web app (police side).*	13
	c) *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.*	8
		34
Sprint 2 Interaction b/w Web & Mobile	1. *As a student user I want to be able to write reports to communicate with the police*	2
	2. *As a student user I want a drop-down menu to select what type of report I'm making*	2
	3. *As a police user I want to see the complete list of reports to overview the information and statuses of students*	3
	4. *As a police user, I want to be able to log in*	2
	5. *As a student user, I want buttons for 911 (red) and police non-emergency (yellow)*	2
Sprint 3 Notification and Security	6. *As a police user I want to receive a notification when a student sends a report*	5
	7. *As a student user, I want to send my location to the police to help them know where I am*	5
	8. *As a student user, I want to be able to take photos to better communicate my situation*	3
	9. *As a student user, I want to be able to send video to better*	5

	communicate my situation.	
Sprint 4 Core Functionality	*10. As a student user, I want a tutorial when I first download the app*	3
	11. As a police user, I want reports to be automatically deleted after 90 days unless whitelisted	2
	12. As a police user, I want to be able to send pre-written responses to the student who sent in a status	3
	13. As a student user, I want to receive notifications from police pre-written responses.	3

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.**

- Ability to add more information for student
- Student various UCSC site info
    - Live crime map/crime graphics
    - Police bulletin (notifications?)
    - Produced informational videos
    - Link to Tapride/Saferide
    - Lost-and-Found items (soon to be on website!)
- Webapp map iterface
- Webapp graphics showing police performance
- Webapp ability to quickly forward reports
- Webapp ability to generate reports with specific parameters
- Webapp analytics of various reports
    - Charts
    - Heat map of locations
    - Generated based on user demand
- Webapp ability to link reports together
- Webapp send automatic email as notification (digest emails for multiple notifications.)