

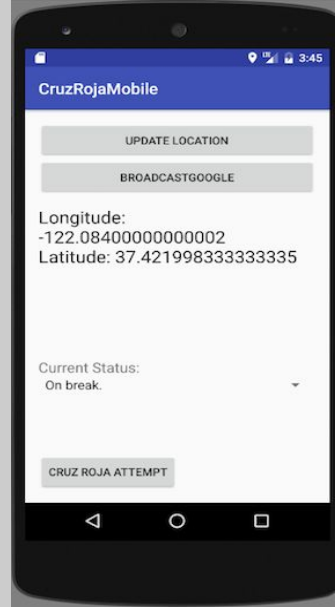
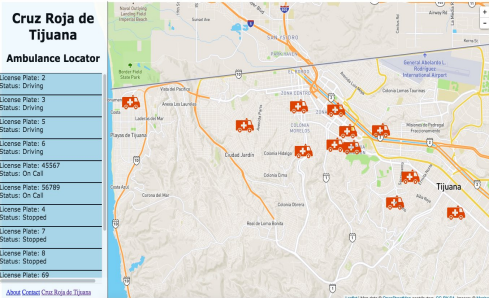
# Cruz Roja Tijuana

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**Mission Statement:** The Cruz Roja Tijuana team seeks to help the Tijuana Red Cross make the best use of its capabilities and resources in order to provide the residents of Tijuana with the best possible medical care by providing technologies through software programming.

**Project Description:** Our team is developing software that will improve the communication between dispatchers, ambulance drivers, and hospital employees. We are providing an interface between dispatch and ambulance drivers while simultaneously using real time information to improve the time to transport high priority patients to hospitals. Our interface will help the Cruz Roja determine optimal placement of ambulances, improve arrival times, and analyze the effect that changes to the EMS system have on efficient response. We are adapting this software to work with and update Cruz Roja's current system, and facilitate the ability to allow dispatchers to enter information into a system that algorithmically prioritizes its resources better.



## Quarter Goals:

- 1) Implement a real time map for authenticated users to keep of the ambulances.
- 2) Obtain mobile app location data, store it in our database, and visualize it on the web.
- 3) Update the ambulance tracking mobile app to run automatically and seamlessly.

