Mobile Applications

March 21, 2016

**Final Project Proposal**

* **Team**: Jose Suarez, Juan Tellez
* **App**: *Herald*
* **Logo**:



* **Pitch**:
  + How many times have you forgotten to notify your parents, friends, or colleagues that you reached a certain place? Using *Herald* would solve all of your problems. *Herald* is a GPS enabled app that will either send an SMS message or an in-app notification/alarm indicating that the user/traveller has reached his/her destination.
* **Primary use cases**:
  + When the user is returning home alone, this app can be used to send a notification or message to the desired contact(s) upon arrival.
  + When the user is traveling, this application can be used to notify contacts of the user’s location throughout the trip. This would be useful for updates such as: arrival at the airport, landing at the new destination, arrival at the hotel.
  + When the user is going out to a restaurant or bar with friends, this application can be used to notify them upon arrival.
* **Class concepts used**:
  + Model-View-Controller design philosophy
  + Auto-layout tools for the user interface
  + Github repository for version control
  + SwiftyJSON to parse Google Maps API data
* **Additional APIs/Frameworks used**:
  + CoreLocation
  + MapKit
  + Push notifications
  + UIMessageFramework to send SMS and iMessages from app