Mobile Applications

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Final project proposal

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. Additionally, you can compose messages to be sent later in the day when you know you’ll be busy and might forget to send them.

This application would be perfect for the following scenarios:

* 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.

These are only a few examples of the many scenarios in which this application can be used. We believe this app will help the user keep their contacts updated in important matters.

Our tentative logo for *Herald* is:



*Herald* is meant to act as your personal assistant who takes care of delivering messages for you. With this in mind, we chose a tuxedo icon that represents the traditional uniform of a butler or assistant.

Some concepts from class we will implement include the Model-View-Controller design philosophy, the auto-layout tools for the user interface, a Github repository for version control, and SwiftyJSON to parse Google Maps API data. Besides these concepts, we plan on using the following APIs and frameworks: CoreLocation, MapKit, and push notifications. Beyond class materials, we plan on using Apple’s UIMessageFramework to send SMS and iMessages from our app.