

## Release Plan

Project Name: GhostEchoes

Team Name: A<sup>3</sup>

Revision Number: v1.0

Revision Date: 4/21/17

### High Level Goals

- Setup and configure the server
- Get data retrieval to and from the backend working
- Get geocaching working
- Create a nice user interface

### User Stories

#### **Sprint 1**

- 1) As a developer, I want to create an architecture layout so that I have a basic understanding of the project's design and data exchange actions. (13 user story points)
- 2) As a developer, I want to properly set up the backend for my project so that I can test data exchanges and retrievals. (13 user story points)
- 3) As a developer, I want to properly set up the frontend for my project so that I can see whether or not I am properly communicating with the backend. (8 user story points)
- 4) As a developer, I want a single source of storage so that I know where all of the data exchanges and retrievals are going to. (8 user story points)

#### **Sprint 2**

- 1) As a user, I want to be able to geotag and store my messages so that I know the location of where my messages exist. (13 user story points)
- 2) As a developer, I want to be able to generate geolocation data via the Android API so that I can keep track of my message locations. (8 user story points)
- 3) As a user, I want to be able to see the locations of nearby messages so that I know where to go next. (3 user story points)
- 4) As a user, I want to be able to track my current location so that I can see what is available around me. (3 user story points)

#### **Sprint 3**

- 1) As a user, I want a nice user interface so that the application will look physically appealing. (3 user story points)
- 2) As a user, I want the application to work as efficiently as possible (e.g., use less data) so that the application doesn't drain my precious resources. (3 user story points)
- 3) As a user, I want documentation so that I will be able to understand how to use the application. (2 user story points)

### **Backlog**

- 1) As a user, I want to be able to send pictures with my messages so that the application will be more appealing to use. (2 user story points)
- 2) As a user, I want to be able to send videos with my messages so that the application will be more appealing to use. (2 user story points)
- 3) As a user, I want to be able to delete my old messages so that I can remove outdated messages. (2 user story points)