# Test Plan Overview

## Introduction

Chat Away is an application that will allow for users to be randomly connected to other users and chat. Users can choose to participate in either a one on one chat or a group chat. Users are also connected to somebody within the general area of where the user currently is.

## Features to be tested

The features to be tested will be the basic functionality that was outlined via the use cases in the Design Document for this project. These features include:

* Connecting to a random one on one chat
* Connecting to a random group chat
* Users signing up
* Users logging in
* Sending a message

## Features not to be tested

One feature that was documented in the Design Document was the ability to send private messages to users. This feature was not able to be implemented due to time limitations so it will not be able to be tested.

Another feature that will not be tested is the back end administration of the app. This will include a web interface that will allow administrators to log in and run different reports and other features. This interface will not be able to be implemented in time for when the testing is going to be taking place.

## Environmental Needs

Testing will need to be done using a computer with Android Studio installed and access to at least three mobile devices with Android installed on them. The app will not run using Android Studios built in emulator as it requires access to the GPS coordinates which does not work with the emulator. Three mobile devices would be required to properly test the group chat functionality.