Chat Away

# Software Design Template

Version 1.0

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## Document Revision History

| Version | Date | Author | Comments |
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| 1.0 | 07/06/2021 | CJ Busca | Software Design Documentation |

Instructions: Fill in all bracketed information on page one (the cover page), in the Document Revision History table, in the footer, and below each header. Under each header, remove the bracketed prompt and write your own paragraph response covering the indicated information.

## Executive Summary

I have been assigned to develop a mobile application for the social media company Chat Away. They are recognized as a top social media platform on the internet, and to expand their reach to users and generate revenue they require a mobile application. To reach as many users as possible it must be available on Android and iOS app stores.

## Requirements

* Convert the Chat Away Web Application to an app that can be run on the user’s smartphone.
* Develop Chat Away application for mobile devices for both Android and iOS.

## Design Constraints

* The website might not be suited for use on mobile devices, so design cues might be necessary.
* Due to JRE it might be easier to design the product for both devices, but there will be some tweaking for optimization.
* Manning is essential to develop apps on a specific platform, the more specialized the team the better the final product will be for each operating platform.
* The client must have a budget for development.

## Rationale

The features of the Chat Away website might not translate well into a mobile application, so the application might need to be redesigned with mobile users in mind, this could result in changing the websites current features to make it cross-compatible. Since developing an Android application and developing an iOS application could be considered two different processes, it might reduce development time to split the app development group into two teams, one to focus on the Android side and one to focus on the iPhone side, but this requires a standard design so that way both applications look the same and there is no deviation on either side. This could be a costly endeavor for our client, but the reason why they are outsourcing is to develop a product that meets their demand and is a cost-effective solution.