Chat Away

# Software Design

Version 1.0

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## Document Revision History

| Version | Date | Author | Comments |
| --- | --- | --- | --- |
| 1.0 | 01/16/2020 | Stephen Cardone | Summarize the project. Construct requirements and constraints. |

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

Chat Away is a social media company that already has success and is looking to expand their audience base. They would like to expand by opening their product to mobile platforms including IOS and Android. It is important to Chat Away that they stay within their budget.

## Requirements

1. Create a mobile app for Chat Away.
2. The app should be available for both IPhone and Android
3. Stay with in Chat Away’s budet.

## Design Constraints

1. Chat Away’s servers must be upgraded to handle the additional web traffic from the new platforms.
2. The Mobile Apps must meet all regulatory requirements to be hosted on the App store and Google Play Store.
3. The estimated cost to develop the apps must be within Chat Away’s budget.

## Rationale

1. If the mobile platform is added to Chat Away’s arsenal, they can expect an increase in web traffic. We need to be sure that their current architecture can handle the additional load, and update it if necessary. Otherwise the project will fail.
2. I have had experience with app stores (specifically the Apple App store) being very strict on app approvals. We need to know their requirements and plan to meet them.
3. We should be able to estimate a cost for development for Chat Away’s project. We must make sure that the estimate we have is within Chat Away’s budget, otherwise the project will fail before it even starts*.*