Chat Away

# Software Design Template

Version 1.0

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## Document Revision History

| Version | Date | Author | Comments |
| --- | --- | --- | --- |
| 1.0.0 | 05/04/2023 | Bryce Jensen | Added Executive Summary |
| 1.0.1 | 05/10/2023 | Bryce Jensen | Added Design 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

*<Summarize the client’s problem in 2-3 sentences. Be sure to provide all relevant background information, including the name of your client.>*

Chat Away is a social media company. They have a working website and want to create a mobile app so they can access more people. They want the app to work on both iPhone and Android devices.

## Requirements

*<In your summary, identify each of the client’s business and technical requirements in a clear and concise manner.>*

## Design Constraints

It should sync with the website, so an API is needed.

The apps should match the basic UI and theme as the website.

The team will need to be versed in writing both iOS and Android apps.

## Rationale

*<Explain your rationale for each design constraint you’ve identified and how it relates to the requirements provided to you by the client.>*

An API is needed for the apps to communicate with the site. Without it, chat history would be device specific instead of syncing between the website and apps.

The UI and theme should be the same across platforms, so it is familiar to experienced users.

The team needs to be experienced in writing both iOS and Android applications. They use different languages, so there will either need to be two teams, one for iOS and the other for android, or one efficient team that can do both.