Chat Away

# Software Design Template

Version 1.0

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## Document Revision History

| Version | Date | Author | Comments |
| --- | --- | --- | --- |
| 1.0 | 09/15/2024 | Brandon Floyd | Executive summary, design constraints |

## 

## Executive Summary

*Successful social website Chat Away contacted us with a desire to develop a mobile app to expand their platform to reach more people. Their plan is to launch on both Android and iPhone devices while keeping costs low to avoid breaking their budget. This involves cross-platform development utilizing different development environments and languages.*

## Requirements

Social mobile application that resembles the web service for user familiarity.

Needs to be designed for both Android and iOS.

Cost efficient

## Design Constraints

* *iOS would likely require developers who can code with Swift which would be different from Android which would likely be Kotlin or Java.*
* *Technical constraint between both operating systems to obtain the same functionality on both systems using different languages*
* *Business constraint includes the budget of the project*

## Rationale

*The client desires a cost-effective translation of their website into a mobile application onto two different mobile platforms, Android and iOS. While it is more difficult to develop across multiple platforms it is possible to keep the project within budget while still delivering to both Android and iOS.*