Chat Away

# Software Design Template

Version 1.0

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## Document Revision History

| Version | Date | Author | Comments |
| --- | --- | --- | --- |
| 1.0 | 07/24/2024 | Christin James | The company is seeking to expand by developing a mobile app for iPhone and Android, with the aim of outsourcing work to fall within budget. |

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 aims to expand their successful website into a mobile app. With the goal of increasing revenue and expanding their customer base, the app should be available for both iPhone and Android smartphones with features surpassing those of the website. They plan on outsourcing the project to stay within budget.*

## Requirements

* *Develop a mobile app that’s available to both iPhone and Android app stores*
* *Market product to larger customer base and increase revenue*
* *Outsource project to cut costs*

## Design Constraints

* *Budget for outsourcing*
* *Programming languages to be used to develop app for both operating systems*
* *Keeping functionality of website consistent with app*

## Rationale

*As budget is a priority for the project, the budget for outsourcing must be assessed. How large of a team to outsource to along with the most economical location must be considered to manage costs. This can also determine the timeline for completion of the project.*

*In addition, technical challenges such as which language to use must be decided on as the company is expanding to both iPhone and Android apps. To ensure consistency in design and functionality, translatable coding languages for both operating systems must be determined. This way, the app on both iPhone and Android will avoid having any mismatch errors.*

*The transition from website to app must also be considered. As the website was a big success, the team must ensure that the operations of it match the app at the minimum. The UI and overall brand must also translate well to see success with the app.*