Cast Away

# Software Design Template

Version 1.0

## Table of Contents

[Software Design Template 1](#_Toc21086455)

[Table of Contents 2](#_Toc21086456)

[Document Revision History 2](#_Toc21086457)

[Executive Summary 3](#_Toc21086458)

[Requirements 3](#_Toc21086459)

[Design Constraints 3](#_Toc21086459)

[Rationale 3](#_Toc21086460)

## Document Revision History

| Version | Date | Author | Comments |
| --- | --- | --- | --- |
| 1.0 | 01/19/2025 | DeAndrea Stephens | Executive Summary  Requirements  Design constraints  Rationale |

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

*Cast Away is a social media company with a successful website but now are looking to develop a mobile app. The app should be compatible with both iPhone and Android smartphones. The client wants to outsource the project staying within their budget.*

## Requirements

Develop a mobile app that supports a larger customer base and increase revenue. Complete the app with a limited budget and timeframe. The app must be available for iPhone and Android platforms. App must be able to handle potential growth in user traffic. The app needs to be user friendly.

## Design Constraints

The app must use a framework that sticks to the budget and is compatible with both iOS and Android platforms. Stick to a strict budget and time constraints. Use a cloud-based backend to support high user traffic.

## Rationale

Ensure that there are no licensing restrictions, so the software is compatible with both iOS and Android.

By outsourcing the project, the company can be completed on time without exceeding the budget. Using cloud backend solutions offer flexibility to reduce outages.