Chat Away

# Software Design

Version 1.0

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## Document Revision History

| Version | Date | Author | Comments |
| --- | --- | --- | --- |
| 1.0 | 10/31/2023 | MK Fowlkes | <Brief description of changes in this revision> |

## Executive Summary

The social media company is looking to develop a mobile app that will be able to target a larger customer base. In addition to that the app needs to be made available for both iPhone and android user. While dealing with outsourcing the project to stay within their budget.

## Requirements

On the business side of things making the project for the mobile app one affordable for the company is essential as well as increasing their current customer base. For the technical side of it would be to marginalize error with a new mobile app and keeping customer information safe and secure as well as having the company continue afloat during the phase out period for the app’s creation.

## Design Constraints

When a social media company wants to develop a mobile app to expand its customer base and revenue, there are several design constraints that should be considered:

Platform Compatibility Constraint:

The app needs to be available on both iPhone and Android smartphones. This means that the design must accommodate the different operating systems, screen sizes, and resolutions of these platforms.

Timeline Constraint:

The client may have a specific launch date in mind or a desire to release the app within a certain timeframe.

User Experience (UX) Constraint:

A social media app's success relies heavily on user experience. The design should prioritize an intuitive and engaging user interface to keep users engaged and satisfied.

Security Constraint:

Given the nature of social media apps, user data security and privacy are paramount. The design must incorporate robust security measures to protect user information and prevent unauthorized access or data breaches.

App Store Guidelines: Both Apple App Store and Google Play Store have their guidelines and policies. The design must adhere to these guidelines to ensure the app can be published and maintained on these platforms without any policy violations.

By considering these constraints, the design of the social media app can be tailored to meet the client's objectives while addressing the specific challenges and opportunities of the project.