

RecipeCache Software Requirements Specification

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Software Requirement Specification

Introduction

Purpose, Intended Audience and Use

The purpose of this document is to outline the requirements for my app, RecipeCache. This document will describe every necessary detail and specification for the app. One of my biggest issues with recipes today is that you can get lost trying to find the step you were on before you stepped away. Therefore, this app will solve this problem.

The intended audience for this document is the customer, which in this case, is also the developer and the developer's family. The intended use is to assist in software development. The development phase is much easier when a single, overarching document is available for reference.

Product Scope

The scope of this project is minimal, as the timeline for the project is short. The final product will be a native iOS app holding all your recipes. When looking at a recipe, the steps will be shown one at a time, that way you don't have to waste time trying to find where you were.

Overall Description

User needs

For the user, I chose my parents for an example end user. Therefore, I asked them what they wanted and needed to see in RecipeCache. One major need was the need for the font and size to be easily readable from a distance. Additionally, they said they wanted to be able to see the necessary ingredients at the step that they are needed. The end user also wants to be able to add their own recipes and be stored in the app.

Assumptions

An assumption for this project is that the end user knows how to use and operate a smartphone.

System Features and Requirements

Requirements

- The system shall be coded in iOS native Swift language.
- The system shall use the Apple Core Data framework for storage.
 - The system shall use push and pull functionality to store and retrieve data from Core Data database.
- The system shall store and display different types of recipes.
- The system shall be able to store recipes input by the user.

- The system shall display only one step in the recipe at a time, with ingredients.
 - Easily readable, shown in big font.

UI Design

The UI for this application shall be easy to interpret and easy to use. Minimal number of buttons, easy to read fonts and sizing, and overall clear and consistent UI designing.

System Features

System features for this app will be as follows:

- One recipe step at a time.
- Ingredients shown on each step.
- Easily readable and navigable.
- Core Data framework used for data storage.