App Design document

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\* [App Design](#app-design)

\* [Objective](#objective)

The goal of the app is to provide potential recipe suggestions for people based on current ingredients. Also provide a shopping list feature so they can easily place missing ingredients from recipes into shopping list.

\* [Audience](#audience)

Anyone who cooks

\* [Experience](#experience)

users will input their current groceries, search for recipes, and create shopping lists based on their ingredients and or recipes

\* [Technical](#technical)

\* [Screens](#Screens)

**Intro View Controller:** (People will either sign in or) just jump into the app by pressing the picture icon

**Menu view controller:** users will decide what they want to do, they will be encouraged to input their current ingredients first.

-Pantry Entry

-Pantry View

-Recipe Search

-Recipe list

-Shopping list

**Pantry entry View**: users will enter in their ingredients one by one

-Scrollable text box

-Add button

-Button that takes you to the recipe list based on pantry

-Button that takes you to the pantry list view

-Button takes you back to main menu

**Pantry list view**

-Scrollable text box with current pantry

-Button that takes you to the recipe list based on pantry

-Button takes you back to main menu

**Shopping List View** : Users can add or delete groceries from the list

-Button takes you back to main menu

**Recipe Search View:** Users can search for recipes by keyword, (or they can search for recipes based on the ingredients that they have)

-Text box for searching

-Button for recipe search by keyword

-Button for recipe search based on pantry

-Button for recipe search based on entered ingredients

-Button takes you back to main menu

**Recipe list view:** a view with a text box listing all the recipe results ,

-Scrollable text box with all the recipe results

-Button takes you back to main menu

\* [External services](#external-services)

API Listing: spoonacular

\* [Views, View Controllers, and other Classes](#Views-View-Controllers-and-other-Classes)

\* [MVP Milestones](#mvp-milestones)

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### App Design

#### Objective

[explain the goal of the app]

#### Audience

[who is this app targeting?]

#### Experience

[how will your users interact with this app?]

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### Technical

#### Screens

\* [list the different screens used in the app]

#### External services

\* [list which APIs or external services will your app use?]

#### Views, View Controllers, and other Classes

\* Views

\* [list all views you will need]

\* View Controllers

\* [list all view controllers you will need]

\* Other Classes

\* [list any other classes you will need]

#### Data models

\* [list all Parse data models your app will need]

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### MVP Milestones

[The overall milestones of first usable build, core features, and polish are just suggestions, plan to finish earlier if possible. The last 20% of work tends to take about as much time as the first 80% so do not slack off on your milestones!]

#### Week 1

\_planing your app\_

\* [goals for the week]

#### Week 2

\_finishing a usable build\_

\* [goals for the week, should be finishing a usable app]

#### Week 3

\* [goals for the week]

#### Week 4

\* [goals for the week, should be finishing all core features]

#### Week 5

\_starting the polish\_

\* [goals for the week]

#### Week 6

\_submitting to the App Store\_

\* [goals for the week, should be finishing the polish -- demo day on Saturday!]

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