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MealFinder
Version 1.1

Opportunity

This application aims to help people organize their meal preparation.

Vision Statement

If you have ever not known what to make with the ingredients you have on hand this app is for you. Enter the ingredients you do have and this app will pull recipes that you have saved and from online that contain the ingredients you already have. This way you won't have to already have some idea of what to make, the app will provide ideas for you.

Major Features

- Database of user created recipes
- Ability to manually inputted recipes to database
- View recipes from other websites
- Receive a list of recipes by inputting specific ingredients that the recipes must use

Assumptions and Dependencies

It is assumed that we will be able to access other websites with the android webkit to retrieve recipes.

Scope

All the major features will be implemented during this class

Scope of Potential Future Releases

- Ability to alter recipes by amount of ingredient or number of servings wanted.
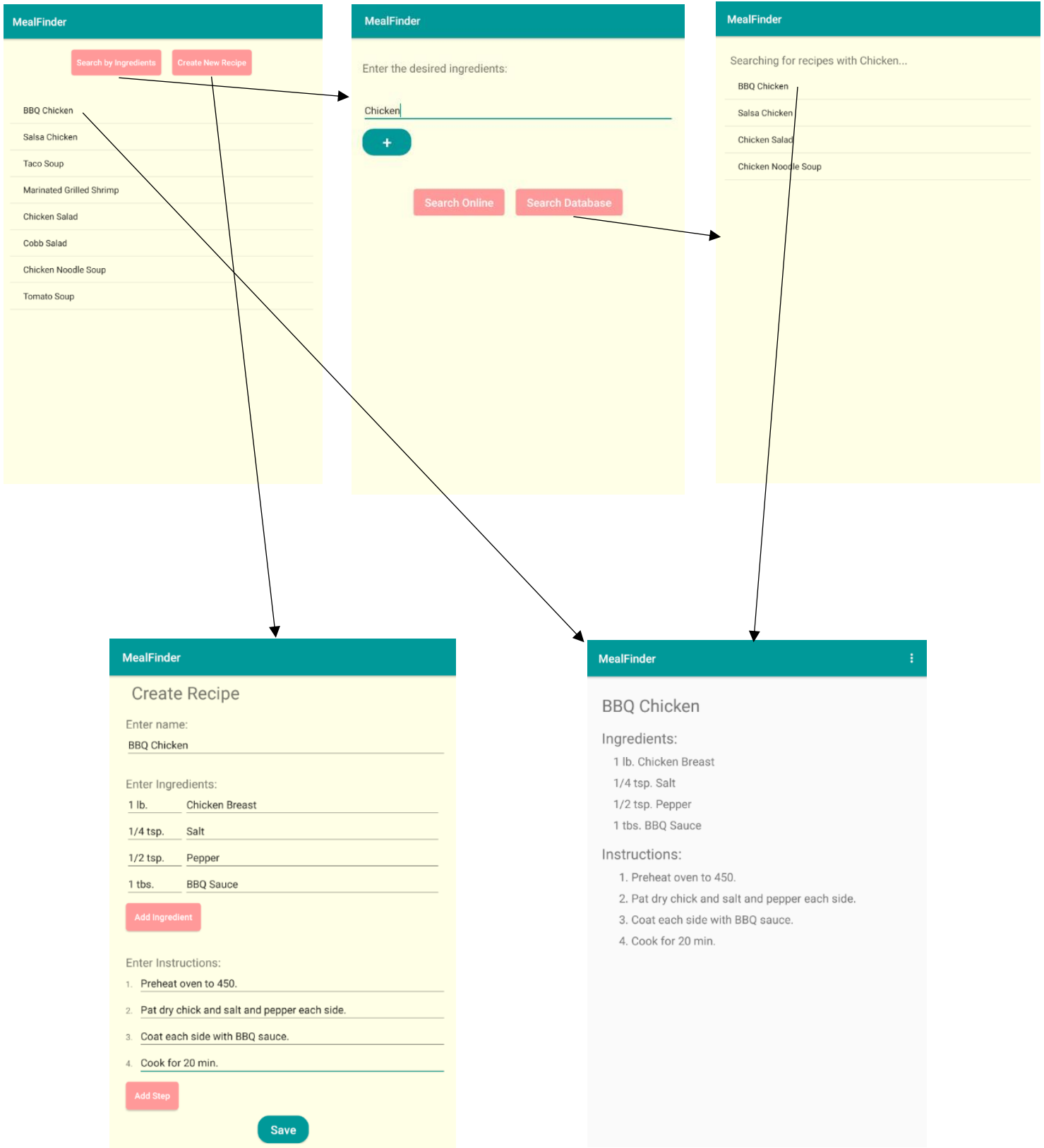- Ability to save recipes from websites to local database

Data Location

The data will be all on the phone, most of it in a text file as a SQLite database.

Competitive Analysis

There are other meal planner apps, but they mainly focus on weight loss or quick recipes, this app would search through the recipes by ingredient.

Wire Frame

MealFinder

Search by Ingredients   Create New Recipe

BBQ Chicken

Salsa Chicken

Taco Soup

Marinated Grilled Shrimp

Chicken Salad

Cobb Salad

Chicken Noodle Soup

Tomato Soup

MealFinder

Enter the desired ingredients:

Chicken

+

Search Online   Search Database

MealFinder

Searching for recipes with Chicken...

BBQ Chicken

Salsa Chicken

Chicken Salad

Chicken Noodle Soup

MealFinder

Create Recipe

Enter name:

BBQ Chicken

Enter Ingredients:

1 lb.   Chicken Breast

1/4 tsp.   Salt

1/2 tsp.   Pepper

1 tbs.   BBQ Sauce

Add Ingredient

Enter Instructions:

1. Preheat oven to 450.

2. Pat dry chick and salt and pepper each side.

3. Coat each side with BBQ sauce.

4. Cook for 20 min.

Add Step

Save

MealFinder   ⋮

BBQ Chicken

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Instructions:

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Feature List

Task	Description
Database	Create database for user submitted recipes and saved online recipes.
Create a recipe	Page for user to create and submit their custom recipe.
Find recipes	User can type in the ingredients they have to search for.
Look up recipes	Look up a selection of recipes from another website based on ingredient.

Appendix

Microsoft Word and Google Docs were used to create this document.