Meal Planner

Application Overview

Families struggle with trying to eat meals at home, to resist the temptation to eat out or order take-out. One of the major hurdles that keep families from eating meals at home is the process of Meal Planning. A family that can plan their meals for the upcoming week, can be better prepared for grocery shopping, and enjoy more home-cooked meals, thus promoting healthy eating and family bonding around the dinner table.

This application will help create a meal plan for the week and generate a shopping list to take to the grocery store. It could help a couple spend more time cooking together, less time eating out, or help someone trying to get healthy or lose weight plan a healthy friendly meal plan. Add your favorite meals and recipes, let the application plan the rest.

Users

User Type	Description
Everyone	- Anyone who eats dinner and/or shops for ingredients. - People who are focused on trying to shop smarter and better (less impulse, less waste). - Parents who want to offer family-approved dinners that everyone in the family will eat. - People who want to eat better and healthier. - People who want to try new recipes.

Minimum Viable Product

The following User Stories are the functionality required to build the "Minimum Viable Product".

All must be completed in order for the project to be successfully completed.

Create User

As a new user I can create an account so that I can start adding recipes and creating meal plans.

Log In

As a user of the meal planning application, I can "log in" so that I access my account data.

Add a Recipe to Library

I can add a recipe to my library of recipes so that it can be added to my meal plans. A recipe consists of a list of ingredients and preparation instructions.

View My Recipes

I can view a list of recipes I previously saved so that I can find one in order to edit or view it.

View Recipe Details

I can view a recipe while I'm cooking so that it's easier to prepare it correctly.

Modify a Recipe

I can update a recipe I saved previously in case I made a mistake, decided to change or add an ingredient, or have found a better technique that I want to add to the preparation instructions.

Create Meal Plan

I can create a new meal plan so that I can add meals to it.

View My Meal Plans

I can view a list of meal plans I previously saved so that I can find one in order to edit or view it.

View Meal Plan Details

I can view a meal plan in order to decide whether I want to use it this week.

Modify a Meal Plan

I can update a meal plan I saved previously in case I made a mistake or decided to change or add a meal.

Add Meal to Plan

I can add a meal to a meal plan. A "meal" is made up of one or more recipes chosen from my library of saved recipes. For instance, a main dish and a couple side dishes.

Grocery List

I can view and print a grocery shopping list of all ingredients required for the meals in a meal plan so that it is easy for me to buy what I need and I don't forget anything.

Optional Features

The following User Stories are ideas for optional features that can be added to the application after all MVP functionality is complete.

Share Recipes

I can share my recipes with other users and add recipes shared by others to my library.

Print a Recipe

I can print a recipe so that I have a hard copy at hand while cooking if I don't have access to the meal planner application in the kitchen.

Print a Meal Plan

I can print a meal plan so that I can stick it on the refrigerator as a reminder for my family and I of what we're going to be eating this week.

Search for Recipes by Ingredient

I can search for recipes that contain a certain ingredient in case I have a taste for something in particular, a particular ingredient is in season, or I have something in the pantry that I want to use.

Search for Recipes by Category

I can search for recipes that are in a particular category such as "healthy" if I'm trying to improve my eating habits or "special occasion" if I'm planning a special meal.

Add Random Meals to Plan

I can choose to let the system add one or more randomly selected meals to my meal plan so that I don't need to spend too much effort planning what to eat.