

Recipe App Site Plan

Site Overview

The goal of the Recipe App is to provide users with a seamless platform to discover and explore recipes from around the world. By incorporating real-time data from the Spoonacular API, the site offers detailed recipe information, including ingredients, preparation steps, nutritional data, and accompanying images. This platform will cater to individuals looking for meal inspiration or specific dietary options.

Major Functions of the Site

1. Search Functionality

- Users can search for recipes by keyword or ingredient.

2. Filter Options

- Filters for dietary preferences (vegetarian, vegan, gluten-free, etc.), preparation time, and meal type (breakfast, lunch, dinner).

3. Recipe Details

- Display detailed information such as ingredients, preparation steps, cooking time, and nutrition facts.

4. Favorites Feature

- Allow users to save favorite recipes locally using local Storage.

5. Dynamic Updates

- Use CSS animations for smooth transitions and hover effects.
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Color Scheme

[Color Palette](#)

- **Primary Color:** #A4D4AE (Soft Green)
 - **Secondary Color:** #333333 (Dark Gray)
 - **Accent Color 1:** #FFAD60 (Warm Orange)
 - **Accent Color 2:** #F4F4F4 (Light Gray)
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Typography

- **Headings and Links:** Poppins, 400 Regular (Sans-serif).
 - **Body Text:** Georgia, 400 Regular (Serif).
 - **Alternate Font:** Arial (Sans-serif).
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Data Sources

API: Spoonacular API

- Provides recipe data, including ingredients, preparation steps, cooking time, and nutritional information.
 - Data will be saved locally for user-favorite recipes to minimize API calls.
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Initial Modules

1. **Main Module:** Handles application initialization and general logic.
2. **API Services Module:** Manages API calls to fetch recipe data.
3. **UI Module:** Updates the webpage dynamically with recipe data.
4. **Favorites Module:** Handles saving and displaying favorite recipes using localStorage.
5. **Filter Module:** Applies dietary or meal type filters to recipe search results.

Trello Board

Trello Board Link : <https://trello.com/b/c7AJ8k8C/recipe-app-project>

Wireframe Sketches



