Saphanley Saint-Vil

Springboard

Capstone 2

May 23, 2023

Schema for Capstone 2(Food Recipe App with React.js)

API: <https://www.themealdb.com/api.php>

1. App Component
   * Header Component
     + Logo
     + Navigation Menu
   * Search Component
     + Input field for recipe search
     + Search button
   * RecipeList Component
     + RecipeItem Component (for each recipe)
       - Recipe image
       - Recipe title
       - Recipe description
       - View recipe button
   * RecipeDetail Component
     + Recipe image
     + Recipe title
     + Recipe description
     + Ingredients list
     + Instructions
   * Footer Component
     + Links to additional information
     + Copyright information
2. API Service
   * Function to fetch recipe data from the API
   * Functions to extract and parse data from the API response
3. Data Models
   * Recipe model
     + Title
     + Description
     + Image URL
     + Ingredients
     + Instructions
4. Util Components
   * Loading Spinner Component
     + Displayed while waiting for API response
   * Error Message Component
     + Displayed if there is an error fetching data from the API
5. App Component

* Header Component
  + Logo
  + Navigation Menu
* Search Component
  + Input field for recipe search
  + Search button
* RecipeList Component
  + RecipeItem Component (for each recipe)
    - Recipe image
    - Recipe title
    - Recipe description
    - View recipe button
* RecipeDetail Component
  + Recipe image
  + Recipe title
  + Recipe description
  + Ingredients list
  + Instructions
* Footer Component
  + Links to additional information
  + Copyright information

1. API Service

* Function to fetch recipe data from the API
* Functions to extract and parse data from the API response

1. Data Models

* Recipe model
  + Title
  + Description
  + Image URL
  + Ingredients
  + Instructions

1. Util Components

* Error Message Component
  + Displayed if there is an error fetching data from the API