

API Integration Assignment #3

MDIA 3295 - App Development Strategy 1

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

Overview

For this assignment, I wanted to keep the functionality simple but allow more control for the user when using the API. Using the in-class example as a starting point, I decided to use the API **TheMenuDB** which is a recipe database and filter recipes to a single page application. I created a simple search form for a user input and the keyword will be used to search the API database for similar recipes. To meet the requirements for this assignment for a second request, the user can enter in a different input and search for new results that will replace the previous results. There is also added functionality of checking for a blank input or if no results are found, the user will be given a message to correspond to the request.

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Recipes

Take a look for different recipes by entering your item into the search box.

Enter words like "Chicken", "Tacos", "Quiche" or "Breakfast" and see what The Meal DB database has to offer with a link to the recipe.

Search for recipes:

End point results

The user will input a keyword into the textbox which is defined as searchItem within the JavaScript code. The searchItem is added on to the end of the ajax url call and the results related to the keyword will be displayed on the single page. This will work for partial words, exact matches, or no matches.

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the recipe.

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End point results contin.

The user will input a keyword into the textbox which is defined as **searchItem** within the JavaScript code. The **searchItem** is added on to the end of the ajax url call and the results related to the keyword will be displayed on the single page. This will work for partial words, exact matches, or no matches. Each card will display the image for the recipe, title for the recipe, category, origin, and a link to view the recipe. Some recipes do not have a link to an external page, so I have added a **“coming soon”** as a placeholder to not confuse the user and click on a button without a link. I’ve also utilized bootstrap along with custom css to give a style to the single page.


There were limited options with filter for results, so I did not have the functionality to limit how many results are shown per search. This would be something to consider when developing the app further or investigate a solution to resolve this.

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Search for recipes:




Chicken Handi
Category: Chicken
Origin: Indian
Recipe Link Coming Soon!



Chicken Congee
Category: Chicken
Origin: Chinese
[View Recipe](#)



Chicken Karaage
Category: Chicken
Origin: Japanese
[View Recipe](#)



Chicken Marengo
Category: Chicken
Origin: French
[View Recipe](#)

User feedback for search

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Search for recipes:

Please enter an item to search for

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Enter words like "Chicken", "Tacos", "Quiche" or "Breakfast" and see what The Meal DB database has to offer with a link to the recipe.

Search for recipes:

Sorry, we could not find a receipe for Danish