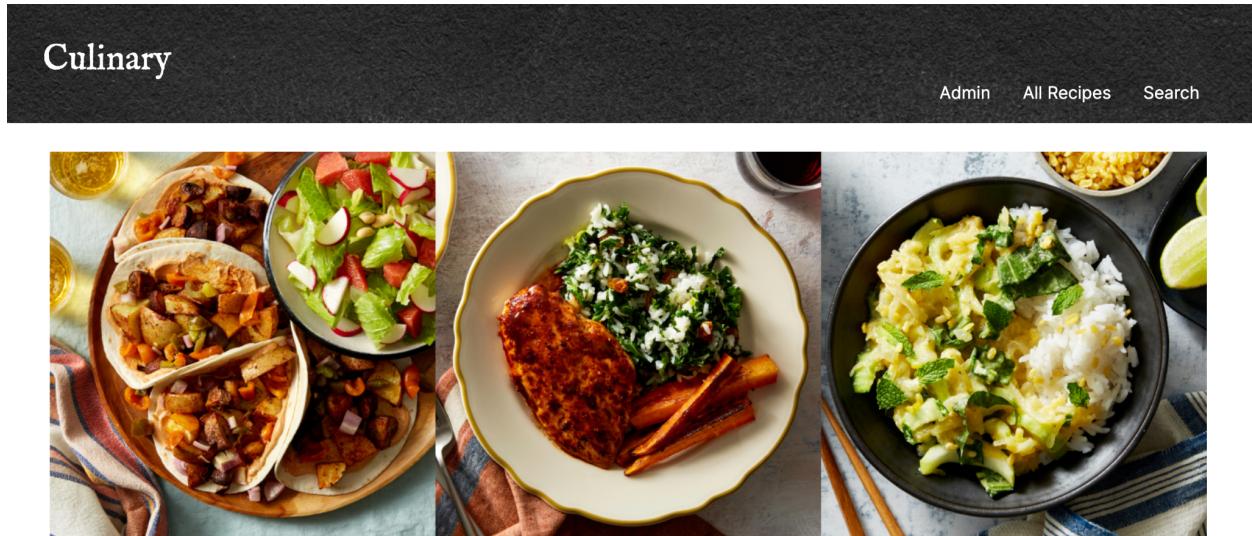


PHP Web App Development Case Study

Anoushka Sandeep



A Recipe For Every Craving

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Overview

This project is centered around creating a web application using php; the theme of this app in particular is a recipe website, in which users can peruse through various recipes, search for recipes using key terms, and also add their own recipes or edit pre-existing ones.



Mushroom & Potato Tacos

For this hearty vegetarian meal, we're filling soft flour tortillas with mushrooms and potato—seasoned with a zesty, chorizo-inspired blend, then roasted. A pickled pepper relish lends bright flavor to the tacos, all tied together with a creamy sauce seasoned with the same spices. Our side salad of juicy orange and crunchy romaine rounds out the dish.

1 Prepare & roast the vegetables:

Preheat the oven to 450°F. Wash and dry the fresh produce. Quarter the mushrooms. Quarter the potatoes lengthwise, then cut crosswise into 1/2-inch pieces. Place the vegetables on a sheet pan. Drizzle with olive oil and season with salt, pepper, and 3/4 of the spice blend; toss to coat. Arrange in an even layer. Roast 21 to 23 minutes, or until browned and tender when pierced with a fork. Remove from the oven.

Ingredients

4 Flour Tortillas
2 lbs. Potatoes

2 Prepare the remaining ingredients:

Context & Challenge

This has been developed using PHP over the course of around two and a half months for a course term project. The main challenge at hand was learning and becoming well-versed in PHP as it was a language I was using for the first time. New concepts and processes were introduced to me through this project, including creating and connecting an external database to file in content, creating and utilizing components on various pages, and implementing functions that cycle through and manipulate the content pulled from the database.

Color Palette



Fonts

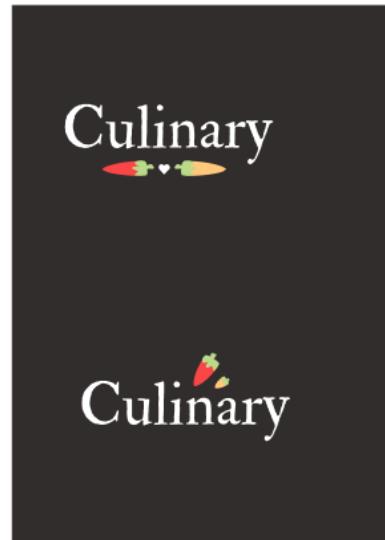
Heading 1

Heading 2

Subheading 1

Subheading 2

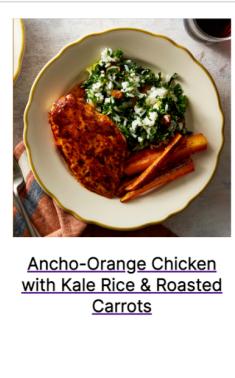
Body Text



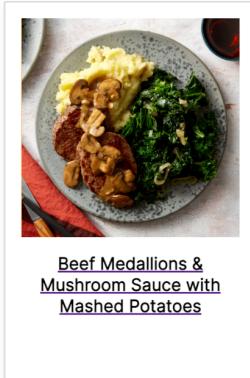
Process & Insight

The project had to be broken down into parts: first I created a style guide and high fidelity wireframes capturing my vision for the website. Then, I built out a sample page using only HTML and CSS to gain a better understanding of how the page itself would look. Next, I set up all of my PHP files and worked on developing the functions needed for the website, including a create recipe function, an edit recipe function, a delete function, and a search engine. After this was when I organized and uploaded all of my content into the database to be inputted into recipe cards that get displayed (along with formatting certain texts in a specific way and sorting the recipes). Finally came styling the website to enhance its appearance.

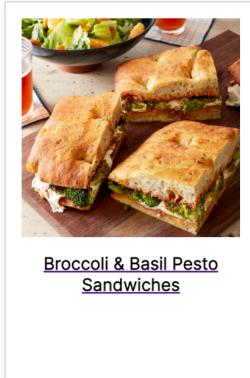
All Recipes



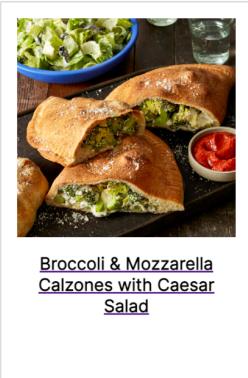
[Ancho-Orange Chicken with Kale Rice & Roasted Carrots](#)



[Beef Medallions & Mushroom Sauce with Mashed Potatoes](#)



[Broccoli & Basil Pesto Sandwiches](#)



[Broccoli & Mozzarella Calzones with Caesar Salad](#)



n/idm232/final/recipe.php?id=7



The Results

What resulted is an application that I could be proud of – a functioning recipe website displaying all the content and images needed for users to read and intake for their own enjoyment. In the future I have plans to improve this application further in terms of usability and appearance; I would like to install a new and improved logo, create texture elements to put in place on the backgrounds, and make the search engine more dynamic. Overall, it was quite interesting to learn how to use and apply PHP to create this web application.