

Welcome to Bright Bites!



All Recipes:

Search

IDM 232 Case Study

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Context and Challenges

Overview:

For my IDM 232 Scripting class, I coded a recipe website from scratch using PHP/MySQL, html, and CSS. Through this class I was introduced to the concept of databases and learned a new programming language in order to create, read, update and delete data on my recipe website. I was given 11 weeks to complete this project.

Background:

This was a solo project that I was working on for my IDM 232 Scripting class. The class ran from late September to early December. In the project we needed to create, update, and delete recipes as well as be able to read a recipe and search for recipes.

Problem:

PHP allows for the developer to easily update information on multiple pages in only one or 2 files. The challenge for me was that PHP is a backend language that I did not have experience working in, so there was a learning curve.

Goals:

- Create a search function
- Make an edit, delete, and create recipe function
- Transfer files from MAMP to hosting website
- Create an intuitive web experience

Process and Insight

Alpha Design:

My first step in creating my website was creating mid-fidelity wireframes of how my website would look. I needed to create a home, search recipe, recipe detail, admin recipes, and edit/delete recipe page.

Category List

 Bright Bites

Recipes Admin



Breakfast





Breakfast Quesadillas

Level: Easy
Total Time: 40min





Breakfast Quesadillas

Level: Easy
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Search ...

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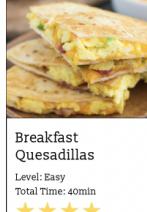
Recipes Admin

 Nav Search



What Would you like to Cook?





Breakfast Quesadillas

Level: Easy
Total Time: 40min





Breakfast Quesadillas

Level: Easy
Total Time: 40min

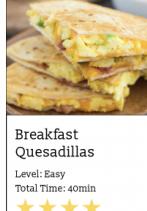




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Coding Out the Pages Pre-Final:

After designing each of my pages, I coded the recipe details page in HTML and CSS. I then created the create and edit recipe for assignment #2. Then in assignment #3 I coded out the search and delete functions in php.

Final Coding:

In the final PHP coding stage, I had to code in all of 40 of the recipes, their images, and descriptions. I then had to make sure that the variables were properly added to each section of the recipe details page so that it could automatically fill in the information for each recipe like a template. Everything was working well until I uploaded it to my domain. Then my images were not loading on my homepage at all. I fixed it by checking my naming and realized that I didn't make them all lowercase.



Ancho-Orange Chicken with Kale
Rice & Roasted Carrots



Beef Medallions & Mushroom
Sauce with Mashed Potatoes



Broccoli & Basil Pesto
Sandwiches



Broccoli & Mozzarella Calzones



Bucatini & Tomato Sauce



Bucatini Alfredo

Bucatini & Tomato Sauce



Introduction

Made with petite datterini tomatoes, the sauce for tonight's bucatini highlights briny olives and capers, hot red pepper flakes, and savory Grana Padano cheese.

Ingredients

6 oz Bucatini Pasta 1 14-Ounce Can Datterini Tomatoes 2 cloves Garlic 2 Tbsps Butter 1 Tbsp Capers 1 lb Broccoli $\frac{1}{2}$ oz Grana Padano Cheese 1 oz Kalamata Olives $\frac{1}{2}$ tsp Crushed Red Pepper Flakes 1 Tbsp Italian Seasoning (Whole Dried Basil, Sage, Oregano, Savory, Rosemary, Thyme, & Marjoram)

Instructions

Nothing beats perfectly cooked, al dente pasta. But how do you know if it's done? There are numerous ways to test the

The Solution:

My final product ended up looking different than my mockups because I wanted to go with a different and more simplified and to the point version. I ended up focusing more on the functionality of the website than the ui since I ran into lots of issues. The search is fully functional and checks for all of the recipes that have that specific word or sent. The user can also edit, delete, and add a recipe with the click of a button. Here is the link to my website:

<https://sashademo.com/idm232/final/recipe/index.php?id=2>

The Result:

Overall, I'd say that this project was a success. I designed and developed a fully functional recipe website using PHP, HTML, and CSS. My recipe website displays all of the data from a MySQL database, and the search function on the site is functional. I learned a lot since I had no knowledge of any backend languages and feel fairly comfortable with PHP. I can really see how much easier it can be to update a website using PHP rather than having to manually go in and edit every single input in html and javascript.