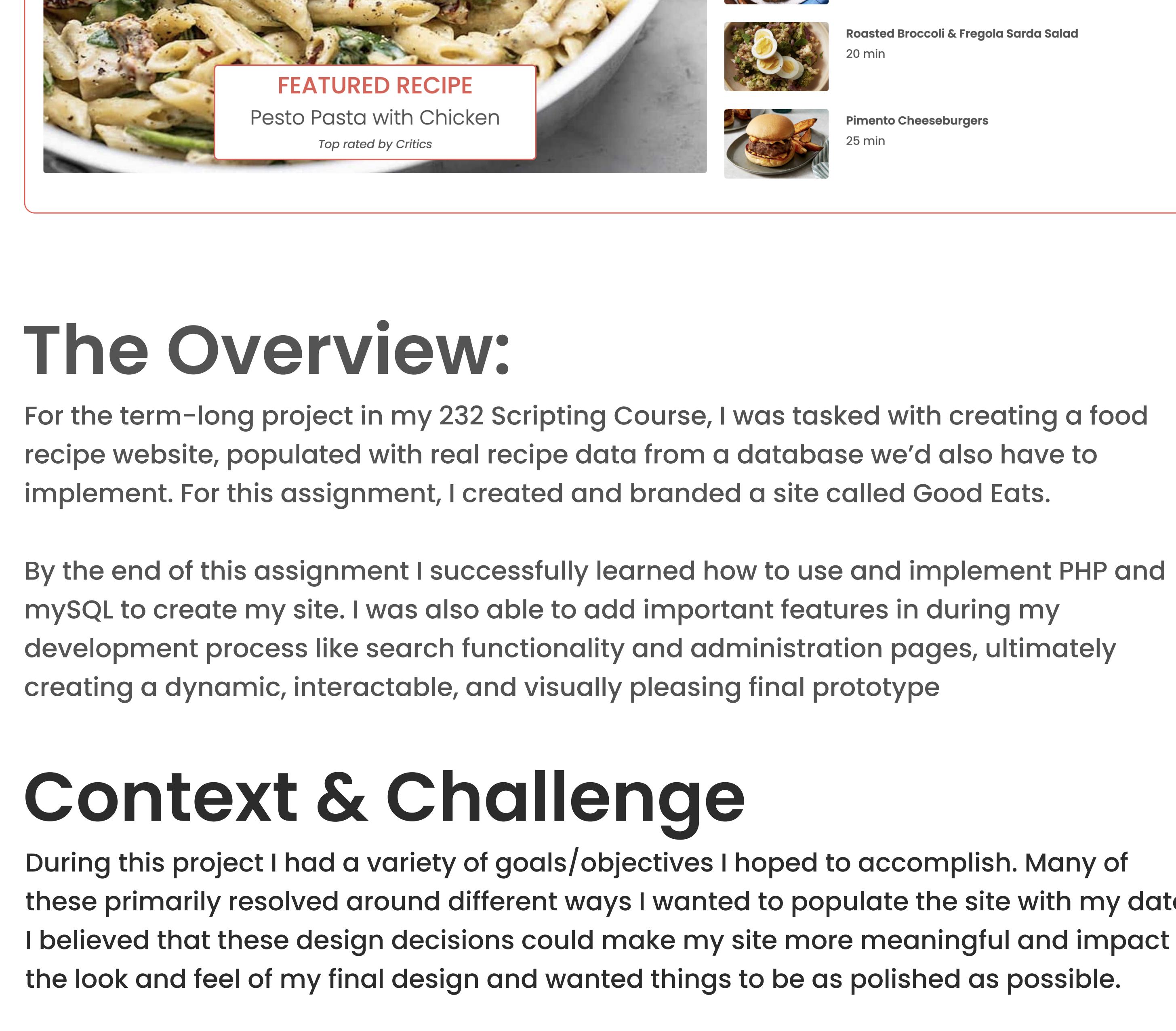


# Good Eats Recipe Site Development

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## The Overview:

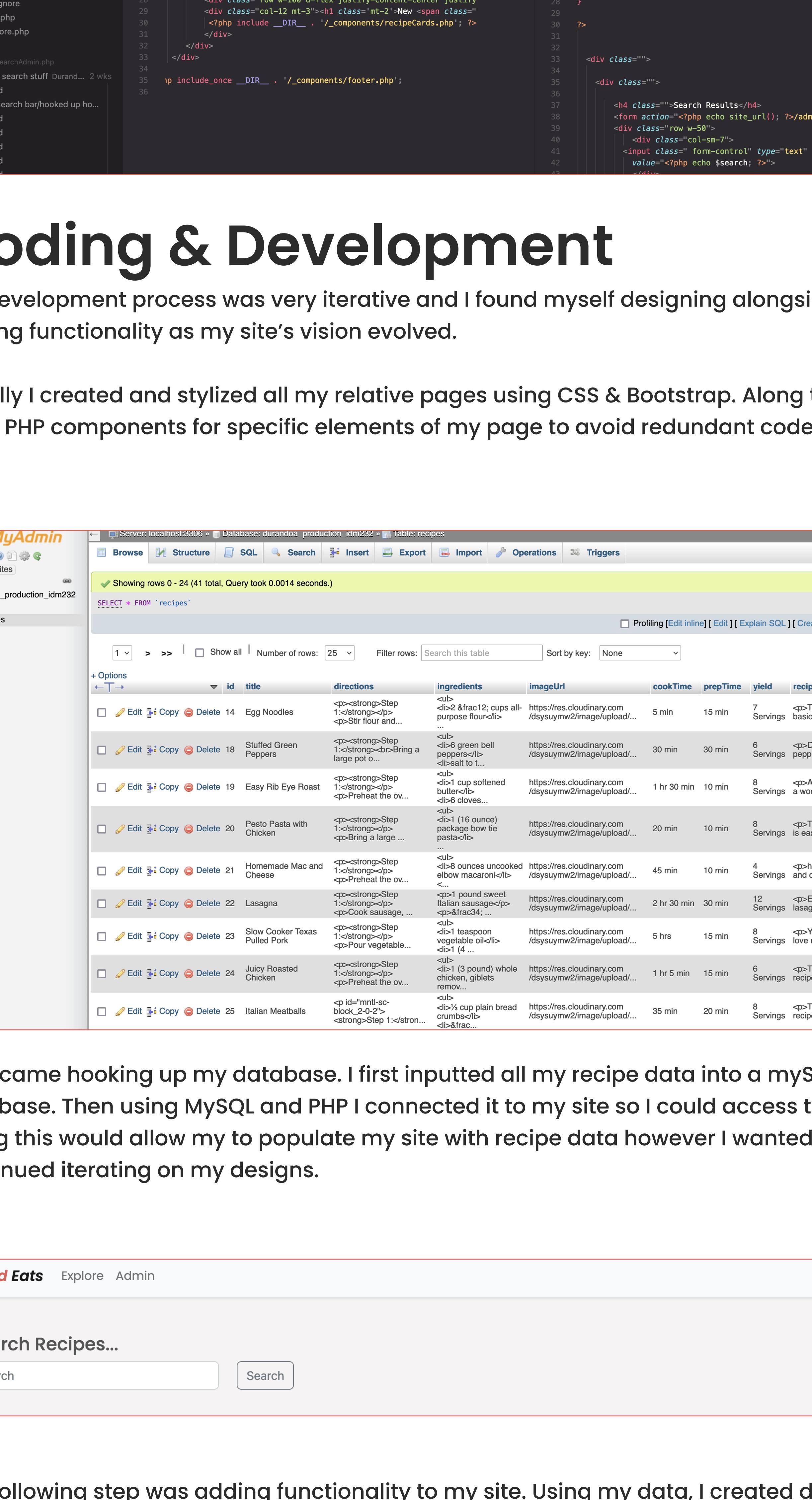
For the term-long project in my 232 Scripting Course, I was tasked with creating a food recipe website, populated with real recipe data from a database we'd also have to implement. For this assignment, I created and branded a site called Good Eats.

By the end of this assignment I successfully learned how to use and implement PHP and MySQL to create my site. I was also able to add important features in during my development process like search functionality and administration pages, ultimately creating a dynamic, interactive, and visually pleasing final prototype.

## Context & Challenge

During this project I had a variety of goals/objectives I hoped to accomplish. Many of these primarily resolved around different ways I wanted to populate the site with my data. I believed that these design decisions could make my site more meaningful and impact the look and feel of my final design and wanted things to be as polished as possible.

This project was also not without its challenges & constraints. Prior to this assignment I had never worked in PHP before and learning the ins and outs of the language were not without its hardships. Additionally, I had also never set up a database before and figuring out how MySQL and PHP worked together was also a new experience for me.



## Design Sketches & Wireframing

Before I began actual coding, I made sure to mockup some designs in Figma in order to lay out my vision and initial design goals for my site. These designs served as roadmaps during actual development.

A screenshot of the Good Eats admin interface. It shows a table with columns for ID, Title, Description, Ingredients, Directions, Prep Time, Cook Time, Yield, and Recipe URL. There are buttons for Edit, Copy, Delete, and New. A modal window is open showing the details for a recipe titled "Ancho-Orange Glazed Chicken with Kale Rice & Roasted Carrots".

Next came hooking up my database. I first inputted all my relative pages using CSS & Bootstrap. Along the way I used PHP components for specific elements of my page to avoid redundant code.

My development process was very iterative and I found myself designing alongside adding functionality as my site's vision evolved.

Initially I created and stylized all my relative pages using CSS & Bootstrap. Along the way I used PHP components for specific elements of my page to avoid redundant code.

The following step was adding functionality to my site. Using my data, I created different components & pages in which to display and navigate my content. These features included recipe cards, recipe specific pages, a Hero header, and search capabilities.

Finally, I created an admin page. It was here I'd be able to interface with my database, adding new recipes, editing existing ones, or removing others.

The final step was creating the final site prototype. This involved styling the admin page to match the rest of the site and ensuring all functionality worked as intended.

The final site prototype is a fully functional website that allows users to search for recipes, view detailed recipe pages, and interact with an admin panel for managing content.

The site is built using PHP and MySQL, with a clean and modern design. It includes a hero header, trending sections, and a search feature. The admin panel provides a user-friendly interface for managing recipes and ingredients.

The site is currently available at [good-eats.com](http://good-eats.com). It's a great example of how to build a dynamic food recipe website from scratch.

Overall, this project has been a great learning experience. I've gained valuable skills in web development, database management, and user interface design. I'm excited to see where my passion for food and technology will take me in the future.