Project Documentation

Overview

My website is called Meal Planner. Its purpose is to help people decide what to cook and how to cook based on their ingredients or interests. It helps people who are busy, have certain restrictions, or are interested in cooking.

The site has a homepage which introduces you to the site and gives a brief explanation. It also has a video that gives tips for meal planning. There is a features page which explains all the features the site has along with examples of how to use them. There is also an option to suggest a feature. There is a login page where you can login to save recipes.

The core purpose of the website is to educate what the product can do and how you can use it. The experience is to easily understand the product.

Coding Approach & Technical Decisions

The website is built with HTML, CSS, and JavaScript. There is a HTML file for each page of the site. There is a CSS file for styling of the pages. There is a JavaScript file for each feature.

The HTML files include HTML document structure. Each page has a header with the logo and the links to navigate to other pages. It is followed by the main content section which has heading, paragraph, list, table, form, image, etc. depending on what the page is about. There are also meta tags to improve SEO.

The CSS file is used for all pages for consistency. The headers, navigation links, content areas, and text are styled. There is also a media query to handle small screens like phones.

The JavaScript files use variables, conditionals, loops, and DOM selection to update the page contents.

Course Concepts Integration

The site includes concepts learned from class. I followed Agile development because it allowed for flexibility. In the HTML files, it has a structure and includes heading, paragraph, list, table, form, image, etc. In the CSS file, it has a visual hierarchy, layout consistency, and media queries. In JavaScripts files, it has dynamic updates using variables, conditionals, loops, etc. The site also has accessibility by all the images having alt text and being able to navigate through the site using the keyboard. For usability, it has clear and easy navigation, and a consistent structure.

Challenges & Problem-Solving

A challenge I faced was doing JavaScript DOM selection. It was confusing to select the correct elements. I solve this by organizing the HTML with ID, tags, and classes. I learned to plan and test often.

Strengths & Areas For Improvement

The part I am most proud of in my site is how clear it is. My peers were able to understand the concept clearly and knew what the site was trying to do. I am also proud of how commented my code is, which makes it easy for me to edit to improve or fix something. The part that needs more work is adding more functionality. If I had more time, I would improve the look of the site and add more features to fully showcase the product.