Introduction and Project Overview

The goal of this project was to use HTML and CSS to build a responsive website. The "MentorMe" website matches students and alumni with international mentors who may share expertise and experience that can help them advance their careers.

To accomplish this, we made use of a variety of web development techniques, such as responsive web design, markup-based structure and content development, and CSS for website styling.

CSS in Styling the Website

In this project, the header, primary content, and footer of the website were all styled using CSS. The classes, links, and images were styled and positioned using CSS.

CSS selectors were one of the major tools we applied to style the website. We could target particular HTML elements and apply styles to them thanks to CSS. As an illustration, we applied a background color and text color to the header element of the website using the "header" selector.

Using CSS layout strategies was a crucial ability we employed. CSS layout attributes like "display," "position," and "flexbox," let us manage the size and positioning of items on our web page. For instance, we arranged items in a container along various dimensions using the "flexbox" attribute.

The website can adjust to different screen sizes and devices because of the responsive design we created using CSS. This required using media queries to apply various styles to the website depending on the device used to view it.

Markup in Developing the Website

The home page, the mentor page, the about page, and the apply as a mentor page were just a few of the pages we created for this project using HTML markup.

HTML tags were one of the major techniques we employed when creating the website. On our website, we created various elements like headings, paragraphs, and images using HTML tags. For instance, we inserted photographs of mentors using the "img" tag on the mentor page.

Utilising HTML forms was a crucial ability that we employed. We used a form on the "apply as a mentor page" to let users fill out their details and submit an application.

Finally, we added links between the website's various pages using HTML. Users will be able to easily navigate between the website's many pages thanks to these links.

Making the Website Responsive

We employed a variety of strategies, including responsive CSS layout techniques, to make the website responsive. To develop flexible and responsive layouts, we employed responsive CSS layout approaches such as employing relative units such as percentages rather than fixed units such as pixels and CSS Flexbox.

Challenges

One of the most difficult aspects of this project was ensuring that the website was fully responsive and appeared correctly on various devices and screen sizes. Also, we had difficulty mixing the CSS to achieve the desired design, but with consistent learning and application, we achieved a better result.

Conclusion

Finally, this project provided an opportunity for us to employ web programming abilities to construct a website that connects students and graduates with mentors all over the world. We constructed a website that works on different devices and screen sizes by utilizing CSS, markup, and responsive design strategies. While there were some difficulties along the road, the result is a user-friendly website with significant tools for anyone trying to advance their professions.

Images: Personal images
Logo: Made from Shopify logo maker(Hatchful)
Sources: W3Schools, Youtube Videos

REPOSITORY: https://github.com/cgyireh1/html_css_contest_group16

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