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PUI Assignment 8

Github repository:
https://github.com/divmohan7/divmohan7.github.io/tree/main/final_project
Github pages: https://divmohan7.github.io/final_project/index.html

Assignment 8 Write Up

Part 1

The intention of this website is to convey web design trends through the ages in an interactive form. I've been particularly interested by geocities in the 1990s. Geocities was a simple hosting platform that allowed anyone to become a web developer. This led the cropping up of a plethora of poorly designed websites, and yet they all felt intensely personal. It was a special moment in the history of the web that was both more accessible to new programmers, and less accessible in terms of the content and form that it was displayed. I plan to convey this in a more immersive format by displaying information regarding stages of web design trends through a timeline and in a style related to the time period. The website will take users through the mish-mashed styles and neon copy of 90s pages, to the three-dimensional glossy buttons of the 2000s, into modern web design. The full page immersive format will be a more enticing way to display information and a way to show rather than tell users what these styles were. It will be a means to transport users to the way the web would conceivably appear if they were to be online at the time. The target audience will be users with a moderate level of understanding about the web and an interest in learning more, though the simplicity of the format will make it appealing to any and all users.

Part 2

- I implemented interactions to switch between the pages
    - Click on the up and down arrows to navigate between time periods (up will take you earlier, down will be more recent)
    - Scrolling will also take you to a designated section at full page – responsive to the browser height and width.
    - Dots on the left-hand side form a timeline that can also be clicked on to move to specific time periods
- The "normal scroll" button at the top of the page breaks it down into basic HTML. If the user prefers to navigate without the immersive full page format, they can click on the button and scroll up and down normally, stopping in the middle of pages.

Part 3

      I used the fullpage.js library by Alvaro Trigo (https://alvarotrigo.com/fullPage/). I wanted to choose a tool that would help me implement several vastly different styles over different pages in a relatively seamless way. I thought a fullpage slide based format would allow this. Full page JS also came with ample support for other methods, features, and customization.

I added fullpage.js to my index page and demarcated each of the time period sections with the "section" class tag. I then used JavaScript to specify that I wanted the menu labels to show and mark each section with an anchor that would allow easy scrolling and separation between them. The fullpage.js format gives the website a more modern feel and a more seamless sliding animation style between pages.