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PUI Assignment 8
Write-Up

Part 1

My website is meant to be a portfolio page of my favorite pieces in literature and my past projects in HCI. I've always been an avid reader, exploring different genres of books and collecting quotes from well-written books or poems. With my website, I wanted to combine my past portfolio pieces with my passion for literature to showcase some of my favorite books, quotes, and final process books.

I've added several different interactive and stylistic features to make my website interesting and engaging. The home page includes an icon for each section that animates when the mouse hovers over it. I wanted to include animations on the home page since the general design of my website is quite simple. Within each section, the design of my website is visually different. I hope that these different layouts for each page, while maintaining consistency of color, theme, and fonts, provides an engaging experience for the user to learn more about my literary pursuits. In the Books page, the user can horizontally scroll through some of my favorite books and authors. In the Quotes page, the user can mouse over each tile to view a quote that I've collected from a variety of different writers, poets, and artists. Finally in the Portfolio page, I included links to my final process books for past projects I completed, showcasing projects and pursuits of mine outside the field of literature.

The target audience of my website includes my friends and family and classmates who want to learn more about what I like to read. I hope my website gives users a representation of literature that has been meaningful in my life.

Part 2

Website Interactions

1. On the Books page, I implemented a Bootstrap-based horizontal scrolling feature that does not split into multiple rows regardless of the total content in the row. I used a fixed sidebar on the left hand side of the screen and a responsive design framework for the horizontal list of books.
2. On the Quotes page, I used JavaScript to implement mouse interactions with the webpage. I used the functions `onmouseover()` and `onmouseout()` to change the color of the quote in each tile so that it disappears unless the user's mouse is in the tile. The color of the quote reverts to the background color of the tile unless the user's mouse hovers over the tile.
3. On the Portfolio page, I implemented standard links to PDFs of my past projects. The links render without error to allow the user to explore each project.

Part 3

I used external animations on the home page of my website. I wanted to animate the icons I have on the home page when the user hovers over it to make each page more enticing for the user to click on, and to add an element of excitement to my simple design. I downloaded the “slow shake” animation file from CSShake to link within my home page, then slightly modified the timing and hover functions. The original animation would continue to animate even after the mouse was no longer in the div; I modified this so that it would stop animating unless the mouse was inside the specific element. This adds a more visually complex and fun component to my website and adds an element of surprise to the otherwise minimal design of the home page.

Part 4

While I tried to design as closely as possible to my Homework 7 mockups, I implemented a back button feature (“Bookshelf” on each page) instead of an upper-right menu bar to navigate between pages. Linking each of my pages back to the home page gives the user more exposure to the animation on the home page. If I were to continue this project, I would try to add an animation feature to the upper-right menu bar to perhaps allow for both ease of navigation and enjoyment of the animation.

Part 5

I found implementing JavaScript to be complex in my website. The JavaScript on my website is more rudimentary than I had initially wanted it to be, and I struggled to implement features like styling and local storage within the website. While I am satisfied with how interactions on the Quotes page turned out, there were also opportunities to add other, more complex interactions to the web page. I also initially spent a lot of time trying to understand the Bootstrap framework and the way multiple columns could stack on a page. My final website is responsive, but if I had more time I would edit my code in multiple screen sizes (small, medium, large) to see if there are any bugs that render on one screen size but not another.