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A Responsive Web page is one that has a flexible layout and is able to respond appropriately to changes in screen sizes. For example, it could change the background to blue if the screen has a width of 400px or gray if it has a width is 700px. @media in CSS allows the webpage to respond given certain conditions like determining if the height or width is bigger with CSS orientation property. I've also made the navigation bar respond dynamically for different orientations. If the screen has a portrait size, the navigation bar will appear on the left side, otherwise it will appear on the top of the webpage. I used FlexBox to wrap the sidebar container and the card images together. Also, I've set the position of the elements relative to the screen size. Web applications are usually commercial applications that can be operated on the web. They have many benefits by not being a software by default. They are usually cheaper alternatives to the software versions and isn't susceptible to piracy. The compatibility of the web application is more dependent on the browser, rather than the hardware itself. Other than responsive web design, I've incorporated an array and a form into my "online shop". In hindsight, I might have been able to make the submit button redirect to another html page to calculate the total price with the same JavaScript embedded.

Website Uploaded on Netlify

"Dynamo's Store." *Dynamo's Store*, determined-cray-4ce2b9.netlify.app/cards.html.

<https://determined-cray-4ce2b9.netlify.app/cards.html>

Work Cited

"How TO - Responsive Sidebar." *How To Create a Responsive Sidebar*,
www.w3schools.com/howto/howto_css_sidebar_responsive.asp.

"Media Queries for Standard Devices: CSS-Tricks." *CSS*, css-
tricks.com/snippets/css/media-queries-for-standard-devices/.

