

Report

I noticed that out of the four websites provided, only one contained navigation to other pages. The other three had all the information provided on a single html page. I believe that this made it hard for the user to find information because they need to scroll through the entire page looking for the section they are interested in. Rather I decided to split up the webpages into categories as one of the websites did. A sticky navigation bar was provided at the top of each html page leading to all necessary content. Some of the pages also did not support being reduced in size. Therefore, we analyzed breakpoints to ensure that all content was able to be displayed when the screen size was reduced. We then implemented media queries to move the contents of the page down so that it was not hidden by the sticky navigation bar, as well as moving the contents of the navigation bar to the next line. Another feature added was dynamic and styled links. In the other websites, the links were generic and not styled. We decided to implement features when links were hovered such as changing color and size, as well as when links were in the 'active state'. This gave the page a fresher and more modern look. The biggest challenge we faced was implementing tables using a tableless design. We took a flexbox approach to implement them. We first created a container to hold the table, as well as containers for each table row. We were then able to implement a flex box design within each table row to add all the contents necessary. Another challenge was implementing the sticky header. There were many styling issues such as weird spacing between the top of the page and the header, the header not spanning the entire line, etc. To solve this, we decided to encapsulate the navigation bar in a div and make it a flexbox design. This allowed for dynamic spacing of elements within the navigation bar as well as vertical and horizontal alignment.