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Week 9 Research

July 25, 2022

Bootstrap

Bootstrap is an amazing framework, full of CSS libraries that we can use as developers to help with styling our webpages quickly and easily. Bootstrap is very useful in that as a developer you can use prebuilt systems and components to create beautifully styled pages. It allows developers to skip the guesswork in how to stylize your web pages. There are various components that can be used to help stylize webpages, but we will focus on alert, badges, buttons, collapse, and navbar.

Alert components in bootstrap is a very great way to provide color queues for "basic warning alert messages" ("Components · Bootstrap"). Bootstrap alerts have preset parameters that will color code certain alerts based on the code you enter. Badges are another great tool that you can call attention for the user. It is still considerable to a warning, but with a bootstrap badge, it can notify the user of new items that are available based on their profile or new things based on the website. An example of a bade is the notifications icon/widget we see when logging into our social media that may let us know we have new activities on for the user to see. Through the use of another button tool, bootstrap also provides "predefined button styles, each serving it own semantic purpose" ("Components · Bootstrap") to help with actions within forms and can be used in other states as well. The collapse tool allows for the user to be able to "toggle around with the visibility of the content served by the programmer" ("Components · Bootstrap"). With the collapse tool you can condesense information for the and reveal it to them at their will. An example of this is when a user is on a website and they a dropdown (hamburger looking)button

that will reveal the home page, about page, billing page and when they click off of it, those clickable page links will be hidden. Lastly, the navbar is a great tool for the client side to be able to navigate to different areas of the website. A lot of these tools can be used as a great way to plug and play with other components. For example, the navbar provides "support for branding, navigation and includes support for our collapse plugin" ("Components · Bootstrap"). This just gives developers a different way to display the same things for users, but in a fashion that displays all of the clickable options versus the collapse option which will reveal upon request of the client.

What I enjoyed the most about this week was learning about plugins we could use to help expedite the process of using CSS to style our websites. What I have come to appreciate about programming is that every week, I seem to learn about a new feature that will help enhance my skills quickly or I can create something with preset code that will help me move quickly with getting a task done. After using CSS last week, and then now learning about bootstrap, I will be able to more easily create beautiful web pages without having to completely figure out how to create a visually well presented website. I am excited to start on my assignment for this week and see what items I can add to what I already thought was an amazing first website I built.

Works Cited

"Components · Bootstrap" *Get Bootstrap*, getbootstrap.com/docs/5.2/components. Accessed 27

July 2022.