

Week 9 Research

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Bootstrap components. Badge is a bootstrap component that positions a small image next to a parent element to indicate a counter for notifications, the infamous red dot among many other possibilities. Cards are a component that is incredibly flexible in displaying elements with a mix of image and text, even buttons and forms to display many elements on a page or as a template for a review site. The carousel component is basically a live slideshow for your page, much like I made for my week 8 coding project, you can display images or text slides that auto scroll over time. The Navbar component is a simple yet powerful and flexible way to deploy a navigation bar to get around your website. Progress is a bootstrap element that allows you to include animated progress bars into your website.

The Bootstrap grid system is a powerful and flexible way to layout your website dynamically and responsively in a grid pattern. Grid is based on a CSS flex box and is auto-set up to resize at certain breakpoints to alter how things are laid out depending on your screen size. This is a cornerstone of responsive web design as you can have your page display one way for a wide screen monitor and a completely different way on a mobile device from a single setup. Through the use of rows and columns that break out into 12 sections you can dynamically lay out your website in a way that most aspect ratios are maintained as screen size shrinks.

<https://getbootstrap.com/docs/5.3/layout/grid/>

<https://getbootstrap.com/docs/5.3/components/>