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CSS: Materialize

Materialize is a UI component created with Css, Java script, and Html. Its components aid in constructing appealing, consistent, functional web pages and apps. The framework adheres to modern web design principles, offering browser portability, device independence, and graceful degradation.

Some of Materializer’s best features include an in-built responsive design, which allows the webpage to redesign itself a per the device size. Classes are created so the site can fit any page, making them fully compatible with PC, Tablets, and mobile devices. Another notable feature is standard css with minimal footprint, meaning it is designed considering that it is easier to add new css rules than to overwrite existing rules. While creating my website this feature made creating buttons, dropdown menus, and styles incredibly easy. Although I didn’t use them, I am sure the enhanced features such as cards, tabs, navigation bars, and toast are also much easier.

Cross browser creates reusable web components, an example of this in my website is

<style>

a {

border: 1px solid #007bff;

background: #007bff;

padding: 10px;

color:white;

text-decoration: none;

border-radius: :6px;

}

a:hover{

background:white;

color:#007bff;

}

</style>

Which I used to create buttons in my header, I was then able to apply the same style to the button in my drop-down menu. Materialize supports Shadows, and bold colors which I also utilized, that remain uniform across platforms and devices.

Many choose this format over alternatives for its consistent design look, that is specific on how elements should look and behave. Enhancing animation for a smoother experience, providing components not commonly found in frond-end frameworks like badges, scroll-fire, scroll-spy, wave behaviors, and mobile specific functions like slide out drawers, and toast.

Although this Framework has proven to be very useful in both theory and practice, it does have its flaws. Lack of a flex box results in lower compatibility with internet explorer10+ subsequently large files make for a bulky fame work to use. When adding pictures on the page and links to buttons, the code did often get confusing, with elements sometimes not working for reasons that appear to be unknown.