Final Lab Report

Link to Product Website: <https://timlee0131.github.io/CS5345Final/>

Link to Repo where product website is hosted: <https://github.com/timlee0131/CS5345Final>

Sample sites used as inspiration

1. <https://www.python.org/>

The official python website is something that I visited many times for downloads as well as for documentation in the past. The reason why this website was one of the inspirations for this project was the fact that it is very user friendly and make it easy for users to download their content. The website itself gives the user many ways to find the download button to ensure minimal confusion and to achieve the main goal of the website, which is to allow users to download their many different python builds. A download feature can be seen in the nav bar, the main body of the website, and in the footer. I used this approach in my website and made download and demo buttons available in both the nav bar and in the website body itself. One con of this website, however, is that some things become redundant. However, I felt that since the main feature of the product website was to allow for the web demo and native download, a minimal amount of redundancy introduced would be an overall positive.

1. <https://refactoring.guru/design-patterns/catalog>

This website is a blog-style website that features information on a wide array of design patterns in software development. One aspect that sets this website apart from other websites of similar context is the organization. Everything is cataloged into different types of design patterns and all methods and patterns within the same design pattern type are laid out in a single page. Each design pattern is a button or a card with a brief description and more in-depth material can be accessed by clicking on the cards themselves. Even though the breadth of information is much narrower in the case of my product website, I wanted to employ the same strategy and display all information within the same homepage and have them be clickable to display more in-depth information. In my product website, the three different types of sorting algorithms are laid out as cards with brief description of each on the cards. Once clicked, the cards display a modal that give more in-depth information about the sorting algorithms. All in all, the biggest inspiration of this website was the organizational aspect. One con, albeit small, was again, redundancy of information. This website allows users to navigate the same content through the nav bar, the main website body, as well as a next/previous buttons down at the bottom of the website. Even though this is a minor issue, this felt unnecessary as the organization of content in this website is already very intuitive and easy to follow.