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CS256 – Homework 1

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1. After running a lighthouse audit on <https://nahmad0.github.io/nabilallimi/> the website I made. My website performed well in several key areas. The website's performance is at 92 percent out of 100 percent. This means the performance is strong with fast load time, for instance with the first Contentful paint loading time of 0.5s and large Contentful paint 1.8s. The website follows 100 percent the best practice according to Google's lighthouse. However, accessibility is 84 percent, and SEO is 82 percent meaning the website could use some improvement in the content and code. My SEO score suggests that I don't meta description for summarizing my page content and Google's lighthouse suggests that some images require an alt attribute which has affected my website scores.

To improve my website there are several key suggestions in the lighthouse. It posits that I can use next-gen image format for saving more memory and properly sizing my images could enhance the loading time. Adding the alt attribute will enhance website accessibility to different users with different browsers and devices. For SEO score It could use a robust meta description which will make the website more accessible and user-friendly.

2. When I navigate my favorite website which is my portfolio. I can see that my menu is professionally organized and user-friendly in terms of content and features. The menu consists of navigation tabs for the Home page, Projects page, About Me, Contact Me, Services, and Education page, making the navigation very friendly and time efficient. There is also a scroll behavior for Education and Service Education because they are both on the Home page. The tabs have a nice hover and JavaScript behavior in tabs, boxes, and other contents which makes user friendly and interactive. The areas for improvement, the menu option is not compatible with phone devices. There could be problems with opening it within even smaller screen sizes. Adding extra css that is separate could potentially resolve that problem.