ISTE 645 - Research Project
DD8053

Synopsis

Website Summary: This website is built with an elegant, chess-inspired design and a user-friendly layout that works well on all platforms. The colour palette mirrors the tones of a checkerboard, giving the site a consistent and professional appearance. The layout is organized by utilizing a grid system that keeps everything straight and professional, while the material is automatically stacked vertically on smaller devices for ease of browsing. Instead of being at the bottom, the references section is easily located on the right as a sidebar. This allows you to easily find sources without having to navigate through the main material. On smaller displays, the reference section moves below the main material to keep things organized and accessible.

This **website's three key qualities** are its responsive design, well-organized grid structure, and visually appealing colour palette. The site adjusts effortlessly for multiple screen sizes, ensuring that it looks and functions effectively on a variety of devices. The grid style maintains the website clean and structured, while the chess-inspired colour palette brings everything together in a logical and consistent manner.

Areas for Improvement: Two minor improvements might be made to picture loading speed and spacing changes on extremely small displays, making the site seem more balanced and quick.

Extras: The site includes JavaScript elements such as a smooth scrolling effect for the navbar and an active-page indication to improve navigation. I utilized the <picture> element to optimize image loading on low bandwidth connections. The references section, which appears as a sidebar, gives quick access to sources and automatically moves to the bottom of the page on smaller devices to keep the layout tidy.

Special mentions go to the embedded YouTube video, which provides interactive material, and the link to the site in the footer, which allows viewers to easily return to the main homepage. The code is well-commented for clarity, and I utilized Google Fonts and I placed the link before the CSS, unlike last time :)