**A Final Report on the Design and Development of Hera School of Gifted Children Website**

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**Subject**

Hera School of Gifted Children is a fictional school offering a science-based curriculum that equips learners with the necessary skills to seek the truth on their own and apply the knowledge they discover along the way to change the world for the better.

**Audience**

The primary target customer group for this website is households comprised of middle-income, open-minded parents or guardians between the ages of 25 to 50 years, where at least one parent or guardian has full-time employment and leads a busy life but still values quality education and appreciates the importance of both cognitive and non-cognitive skills (such as grit & perseverance) towards the success of their children. Such parents should be active and willing to devote additional resources (information, time etc.) towards their children's learning. They should also show a desire to form a community with other parents/guardians to continuously improve the school for the benefit of the learners.

**Website URL**

[Hera School of Gifted Children | Home (mak-phi.github.io)](https://mak-phi.github.io/wdd130/hsogc/index.html)

**Goals/Objectives**

As a student, I hope to use the website to continue honing my skills in HTML, CSS and JavaScript in future lessons. As an aspiring wed designer and developer, I hope to continue building the website by adding more pages and functionality and add it to my portfolio showcasing my skills to potential employers.

Personally, I hope to one day establish a school similar to this one, that is with the same spirit but for a different target audience and with a better academic structure and vision. This website provides a basis for whatever website I will design for that purpose, that is, an official site for our target customers to access credible information about the school's organization, curriculum, facilities & extra-curricular activities offered; view general announcements, FAQs, location and contact information.

**Design Process**

For the design of the website, especially the home page, I got the inspiration from researching other school websites which I thought were attractive. I discovered that most of these websites had a somewhat similar layouts (especially for the hero image / box and footer) which I adopted for my own website. I also got inspiration from the whitewater rafting project which we did earlier on in the semester. The layout for the home page influenced header, footer and my second subpage. In my second subpage, I had limited textual content which resulted in a lot of whitespaces which were not visually appealing. This forced me to change my original design layout to try and fill this whitespace. I faced a similar challenge with my first subpage but this time I was able to eliminate or hide the whitespace by implementing a scrollable background image (widget) as part of the assignment challenge we were given. This turned out very well.

**Conclusion**

I gained a lot of knowledge in HTML and CSS such as the use of class and id attributes; container elements to structure your pages; grid layout, CSS selectors and other properties to layout and style your pages. I hope to apply this knowledge and skills in building web pages and websites in future. I learned the importance of having a site-plan in preparation for building your website as this helps you prepare much of the site’s content such as text and images before-hand thus making it easier to build your site when the time comes to write the actual HTML and layout your pages using CSS. Having site-pIans also help your webpages to remain consistent in terms of color and font and thus help in building a brand for your website. Moreover, I learned the importance of wireframing your pages and how wireframes can guide you to layout your pages more efficiently and in a consistent way. I also learned to rely on the browser developer tools to inspect my HTML elements and layout and adjust these accordingly. Lastly, I learned to look up solutions and / or research CSS properties online and I believe this will be a very useful tool in resolving layout related challenges in future.