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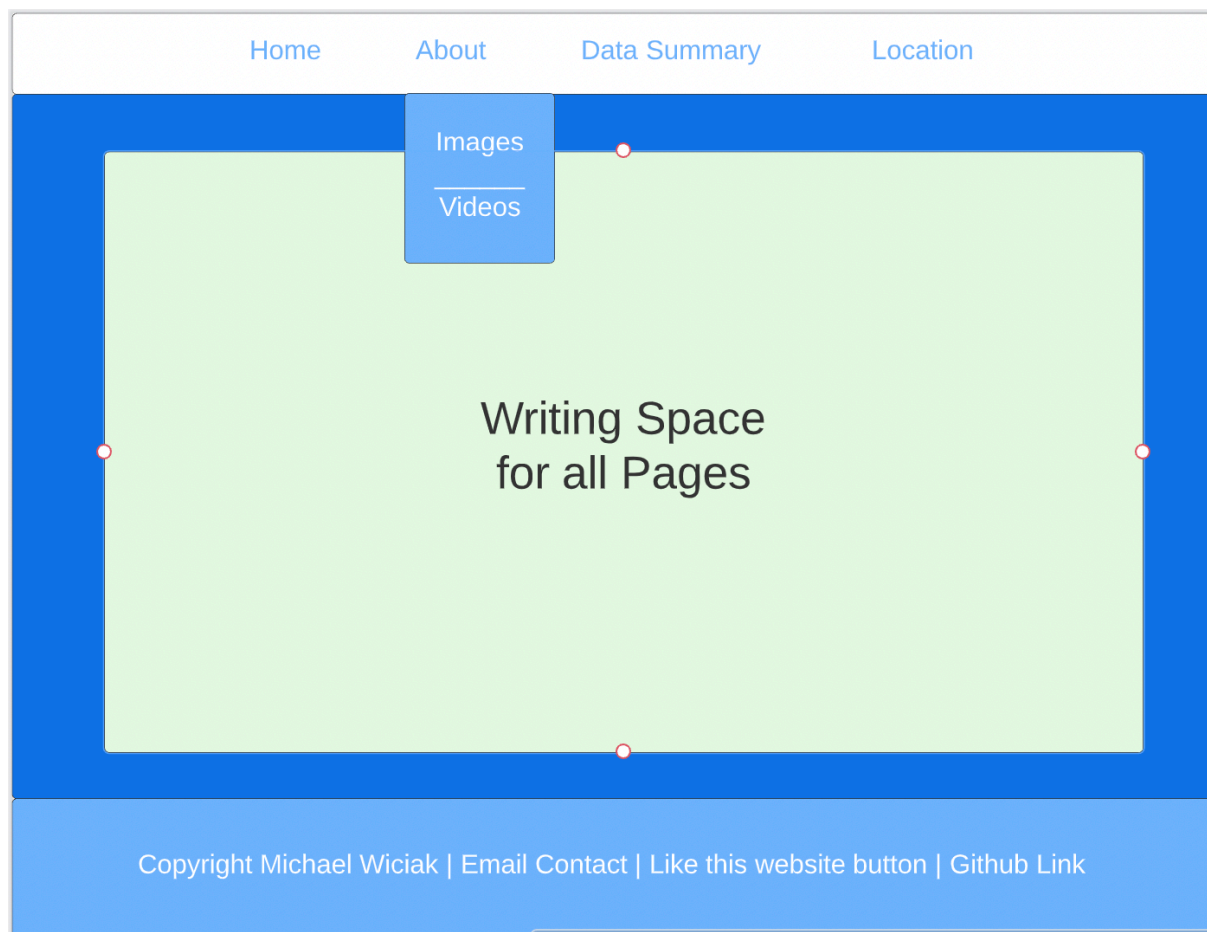
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Intro into Web Technologies

Design Document

1. Wireframe model of the page layout.



Note: The submenu under “About” only displays when hovered over using a mouse.

2. Details of the colour scheme and fonts.

The colour scheme for the website is a combination of white background and light blue text for the navigation bar, light blue background and white text for the footer of the page. These colours have been repeated throughout the different pages for visual consistency and because these colours should be clear and text should be readable to the majority of users.

Fonts used vary but come from the same family of fonts: Museo Sans. This was chosen because of its clarity in even small sized text. For the page with a table, Lucida Sans was used to still provide the same clarity but to differentiate from other texts. The background of the middle of the page is dark blue to make it stand out from the rest of the page as there is the main content of the page.

3. Short description justifying your choice of layout.

The layout chosen is designed for consistency and simplicity. It is supposed to replicate the standard website layout used by various other websites. As such, navigation bar is a horizontal bar at the top of the website. The footer containing the contact information is at the bottom of the website. The changing content of the website (which contains the main text/images) is in the middle of the website. The layout was designed to be fixed and if too much text appears on the screen, overflow scroll would occur. The reason for this is to keep the layout in place at all times.

4. Evaluation of your implementation justifying any changes between your initial design and your implementation.

There were some changes between the initial design and the final product. These changes mainly added further levels of details and functionality which were difficult to add during design phase and became very apparent that they were needed when building the website. These include various fonts and link styling which make the website look much better. The website could be improved by providing scalability for other devices such as smartphones and tablets. Currently, the website only scales as designed with a 1920x1080 resolution screen. Additionally, the fonts and colour patterns used works well for me individually but it might not be the case for people with forms of colour blindness or visual impairments. This could be improved by using colours such bright, solid colours like orange, red, and yellow as such text is easier to see.

5. Outline of how you tested your website.

The test plan for the website was divided into 5 phases. Each phase referenced a different page of the website. Each website would be tested individually, testing whether everything works as intended. As such, for each page, the navigation bar was checked for navigating into every other page, every link was checked whether it is which page correctly. Additionally, checking the website deals with overflow errors where they could occur, I added into the .html file a 200 hundred lines of text into text positions that varied from page to page. In each case, the overflow scroll was activated. To consider browser differences, I have run these tests separately on Chrome, Safari, Firefox and Edge since they are the most common browsers use, which returned no error.

6. References that are required for the content you have used.

Every image and video used was created by me. As such, no references are needed.