**Midterm Practical**

***Abstract***

For my project, I chose to create a website where a visitor can learn more about my five cats! On it, you will be able to see pictures of each cat, their names, and some information about them. You can also see a gallery of photos of them!

***Instructions***

On the home page, you can find out what the website is about and get some general information. On the next page, cats, you will find flip cards. When you first see them, you can see the names of the cats and an image of them. There is a card for each cat. When you hover over a card it flips over to reveal some fun facts about the cat! At the bottom of the page, there is a button. When you click the button, a bonus card appears! It is my boyfriend’s cat! You can then click the button again to hide the bonus card. On the last page, the gallery, there are pictures of the cats! There is a caption and icons indicating which cat is in the photo.

***How I will have used the content***

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| **Web Design Tenet** | **Implementation** |
| **GitHub and GitHub Pages** | I will upload my completed project to GitHub as a repo. I will upload the index.html, content pages 1 and 2, the Less folder with file, CSS folder with file, and asset folder with images and assets. It will then be published it using GitHub pages |
| **Flexbox, and how to use Flexbox to present information effectively** | Flexbox will be used in multiple ways including:   * To resize and reformat the page when the screen sizes change * Resize and reformat flip-cards * Resize and reformat images * Resize and reformat the menu bar into a hamburger menu * Resize and reformat text and all other content |
| **Using advanced CSS selectors**  **(use at least 10 examples of these in your CSS file)** | These will be used to target very specific parts of the webpage. The minimum of 10 will be used (if not more) |
| **Interactive flip-cards in a Flex container** | Flip-cards will be used on content page 1 to showcase my cats and information about them |
| **Forms** | A form will be used on content page 2 to allow users to submit what their favorite photo is |
| **Visual techniques and responsiveness, including favicons, Font Awesome, Hamburger Menu implementation** | Favicon   * A favicon will be used for the homepage on the menu bar * A favicon will be created for each cat * Font Awesome will be used to provide the favicon   Hamburger Menu   * Using flex, the hamburger menu will be implemented once the screen size is at a certain size |
| **The Less CSS Pre-processor** | The Less CSS Pre-processor will be used when doing CSS. The biggest way it will be used is for nesting and variables (to make the process quicker and smoother) |

***Links***

*GitHub Repository:* [*https://github.com/sydcasquid/MidtermProject*](https://github.com/sydcasquid/MidtermProject)

*GitHub Pages:* [*https://sydcasquid.github.io/MidtermProject/*](https://sydcasquid.github.io/MidtermProject/)