UNIT 3: CSS

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What Work Was Done:

This unit was all about making the website look 'pretty.' Through the resources we learn how to reference a Class name vs a ID. We learned the difference between Margins, Padding and boarders which are essential. Positioning is another element that was used many times in within the CSS files. It is important to understand these elements because it matters most when the size of the window is changing or when the website is used on a phone, it should be able to adapt to different screen sizes however this can get confusing.

During this process the first step is to create a CSS stylesheet. I created many stylesheets each unique to a different HTML document like 'style.css' and 'gas.css'. Next to link this to the HTML we use the commands <link rel = "stylesheet" href = "style.css">. For the Index.HTML I used a mix of Classes and ID names to reference a certain tag in the HTML. If it was unique like an input I would use more of the ID which corresponds with '#' in CSS or I would use a Class name if it was for something more general like buttons or menu which corresponds with '.' in CSS.

Relating to Persona's:

I wanted to make the website as simple and user friendly as possible. I kept with a simple design that was not too flashy but professional looking. It has 3 simple buttons that take you to 3 different calculators. We have one for Amortization, Travel Cost, and Budgeting. Amortization and Budgeting pages have a dark completion which gives of an edgy and modern look and the Travel Cost page is simpler with white background. The fonts are not too small so if elderly like Ron Meckenzie who does not have the best eyesight can see. Also, Simran is a simple lady that needs a site that works and would prefer a website that does not too complicated, and she can get general cost breakdowns.

What Went Well and What Didn't:

There were many moments while programming that was frustrating when trying to align many of the div tags beside one another. For example, the menu was very stubborn as well as creating a separate block for 'About the Author' that reaches the end of the end of the screen. After research I noticed 'Text-Align' is a great tool to use. I also have Plus and Minus buttons to adjust the sizing of the text. It was difficult to have it positioned to the right but the 'Float: Right' did the job.

There are so many elements that can be used in CSS and there are many resources available online that help as well. There are lots of examples and that helped me understand the CSS properties.

Mapping Activities to Learning Outcomes:

Learning outcome: Write well-structured, easily maintained, standards-compliant CSS code to present HTML pages in different ways.

- **Evidence:** This CSS was created from the ground up and its very sophisticated and met an intermediate level. The page is dynamic as well and very clean. There are many different looking elements like colors, buttons, font sizing, positioning and much more

- **Self-Grade:** A