**CIT Final Project - Documentation**

Jasly Delmonte

**CSS Explanation**

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| body { font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif; margin: 0; padding: 0; background-color: #FFFFFF; display: flex; flex-direction: column; min-height: 100vh; overflow-x: hidden; } | Sets the overall font, removes default margin and padding, sets background color, uses flexbox for layout, ensures the body takes the full height of the viewport, and prevents horizontal overflow. |
| header { background-color: #003366; color: #FFFFFF; display: flex; align-items: center; padding: 1em; box-sizing: border-box; } | Styles the header with a background color, white text, flex layout, centered alignment, padding, and box-sizing to include padding and border in the element's total width and height. |
| header h1 { margin: 0; flex: 1; font-size: 2em; } | Removes margin, allows the header to take up available space, and sets the font size for the main heading. |
| nav ul { list-style: none; padding: 0; display: flex; margin: 0; } | Removes the default list style and padding for the navigation list, uses flexbox for horizontal layout, and removes default margin. |
| nav ul li { margin: 0 1em; } | Adds horizontal spacing between navigation items. |
| nav ul li a { color: #FFFFFF; text-decoration: none; font-weight: bold; } | Styles the navigation links with white color, no underline, and bold font weight. |
| footer { background-color: #333333; color: #FFFFFF; text-align: center; padding: 0.5em 0; width: 100%; box-sizing: border-box; } | Styles the footer with a dark background, white text, centered text, padding, full width, and box-sizing to include padding and border in the element's total width. |
| footer p { font-size: 0.8em; margin: 0; } | Sets the font size for footer text and removes margin. |
| main { padding: 2em; width: 100%; flex: 1; box-sizing: border-box; background-color: #F2F2F2; } | Styles the main content area with padding, full width, flex-grow, box-sizing to include padding and border, and a light background color. |
| .hero { background: url('dominicanflag.jpg') no-repeat center center/cover; height: 60vh; position: relative; display: flex; align-items: center; justify-content: center; color: #FFFFFF; } | Sets the background image, adjusts the height, centers content using flexbox, and applies text color. |
| .hero-overlay { background-color: rgba(0, 0, 0, 0.5); padding: 2em; border-radius: 8px; text-align: center; } | Adds a semi-transparent overlay, padding, rounded corners, and centers text. |
| .introduction, .call-to-action { margin-bottom: 2em; padding: 1em; background-color: #E6E6E6; border-radius: 8px; } | Adds margin, padding, background color, and rounded corners to both sections. |
| .introduction h2, .call-to-action h2 { text-align: center; color: #003366; } | Centers headings and applies color. |
| .introduction p, .call-to-action p { text-align: justify; color: #333333; } | Justifies text and applies color for paragraphs. |
| .about-content { padding: 2em; background-color: #E6E6E6; border-radius: 8px; } | Adds padding, background color, and rounded corners to the about content section. |
| .about-content h2 { text-align: center; color: #003366; margin-bottom: 1em; } | Centers headings, applies color, and adds bottom margin. |
| .about-content p, .about-content ul { text-align: justify; color: #333333; } | Justifies text and applies color for paragraphs and lists. |
| .about-content ul { list-style-type: disc; margin-left: 2em; } | Sets list style and left margin for unordered lists. |
| .flex-container { display: flex; flex-wrap: wrap; justify-content: center; gap: 1em; max-width: 100%; margin: 0 auto; box-sizing: border-box; } | Uses flexbox for layout, allows wrapping, centers content, sets spacing, limits width, centers container, and includes padding/border in total width. |
| .flip-card { background-color: transparent; width: 300px; height: 400px; perspective: 1000px; box-sizing: border-box; } | Sets card dimensions, perspective for 3D effect, and includes padding/border in total width. |
| .flip-card-inner { position: relative; width: 100%; height: 100%; text-align: center; transition: transform 0.8s; transform-style: preserve-3d; } | Sets positioning, dimensions, text alignment, and transformation properties for 3D effect. |
| .flip-card:hover .flip-card-inner { transform: rotateY(180deg); } | Rotates the inner card 180 degrees on hover. |
| .flip-card-front, .flip-card-back { position: absolute; width: 100%; height: 100%; backface-visibility: hidden; border-radius: 10px; box-shadow: 0 4px 8px rgba(0, 0, 0, 0.2); } | Sets positioning, dimensions, hides backface visibility, adds rounded corners and shadow. |
| .flip-card-front { background-color: #FFFFFF; color: #003366; padding: 20px; box-sizing: border-box; } | Styles the front of the flip card with background color, text color, padding, and box-sizing. |
| .flip-card-back { background-color: #990000; color: #FFFFFF; transform: rotateY(180deg); padding: 20px; box-sizing: border-box; } | Styles the back of the flip card with background color, text color, rotation, padding, and box-sizing. |
| img { width: 100%; height: auto; border-radius: 10px 10px 0 0; } | Sets image width, height, and rounded top corners. |
| @media (max-width: 768px) { .flip-card { width: 100%; } } | Adjusts flip card width for screens smaller than 768px. |
| @media (max-width: 480px) { .flip-card { width: 100%; } } | Adjusts flip card width for screens smaller than 480px. |