

Webpage Development Documentation for William's Portfolio

1. Branding Guide vs. Final Product

The branding guide outlined a color scheme (#2E86C1, #F4F6F6, #E74C3C), typography ('Roboto' for body, 'Montserrat' for headings), and a responsive flexbox layout. The final product adheres to these guidelines:

- The navigation bar uses the primary blue color (#2E86C1) with white text and changes to the accent color (#E74C3C) on hover.
- Headings (h1, h2, h3) use 'Montserrat' with specified sizes (36px, 24px, 20px), and body text uses 'Roboto' at 16px.
- The layout uses flexbox for the .flexbox-element div (lists section) and a centered container with a max-width of 1200px.
- The profile image is responsive with max-width: 100% and has rounded borders (border-radius: 5px).
- The table has a clean design with borders, padding, and a subtle box shadow for visual appeal.

2. Testing Results and Changes

- **Initial Test (Desktop - Chrome):** The navigation bar scrolled out of view. Added position: sticky and top: 0 to keep it fixed at the top.
- **Mobile Test (iPhone):** The flexbox layout stacked the lists section correctly, but the table text was too small. Adjusted the table font size to 14px in the media query for smaller screens.
- **Image Test:** The profile image (250px width in HTML) stretched on smaller screens. Added max-width: 100% and height: auto to ensure proper scaling, and centered it with margin-left: auto and margin-right: auto.
- **Link Test:** The "Jump to Contact Section" link worked, but the contact section blended into the background. Added a white background and padding to #contact for better visibility.

3. Styling Changes Made

- **Iteration 1:** Applied basic styling (background color #F4F6F6, font-family 'Roboto', text color #333333).
- **Iteration 2:** Styled the navigation bar with a sticky position, primary color (#2E86C1), and hover effects (#E74C3C).
- **Iteration 3:** Added flexbox to the .flexbox-element class for the lists section and styled the container with a max-width of 1200px.
- **Iteration 4:** Styled the table with borders, padding, and a box shadow, and ensured the image was responsive.
- **Iteration 5:** Added media queries for responsiveness (adjusted font sizes, padding, and navigation spacing for smaller screens).

4. Feedback from Instructor/Peers

- **Peer Feedback:** A classmate noted that the table looked plain and suggested adding a shadow for depth. Added box-shadow: 0 2px 5px rgba(0, 0, 0, 0.1) to the table.

5. Iterations and Rationale

- **Iteration 1:** Focused on basic styling to establish a foundation (background, typography).
- **Iteration 2:** Added the navigation bar to improve navigation and user experience, aligning with the branding guide.
- **Iteration 3:** Implemented flexbox for the lists section to ensure a responsive layout, as per the branding guide.
- **Iteration 4:** Styled the table and image to enhance visual appeal, addressing feedback and testing results.
- **Iteration 5:** Added media queries to make the site mobile-friendly, ensuring accessibility across devices.