VeriTech Internship Task-1 report

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Task Title: Responsive Company Member Team Page

Task Description:

First project task was to develop a responsive web page for the Company Member Team Page. The design reference was provided in the attached file named "designed-1." The task involved utilizing HTML and CSS to bring this design to life, ensuring responsiveness across various devices. This project allowed me to showcase coding skills and creativity while adhering to the design reference.

Details:

Design Reference: Refered to "designed-1" for the layout and styling inspiration.

Development Tools: Used HTML and CSS for the implementation.

Creativity: Added a creative touch and ideas while maintaining the overall design structure.

Steps Taken:

1. Analyzed the Design Reference:

- Reviewed the provided design in the "designed-1" file.

- Identified the main sections: header, team members, and footer.

- Identified Team sections.

2. Set Up the Project:

- Created a new project folder.

- Created necessary files: Task1.html.

3. Structured the HTML:

- Outlined the HTML structure based on the design.

- Ensured semantic HTML5 tags were used for better accessibility.

4. Styled with CSS:

- Used CSS to style the page according to the design reference.

- Ensured responsiveness using media queries and flexible layout techniques like flexbox.

5. Tested for Responsiveness:

- Opened the page on different devices and screen sizes.

- Adjusted the CSS to ensure the design looked good on all devices.

6. Refined and Optimized:

- Ensured the code was clean and optimized.

- Used internal CSS for simplicity and quick adjustments.

Challenges Faced:

- Ensuring that the layout remained consistent across various screen sizes and devices.

- Aligning images and text correctly within the flexbox layout.

- Handling image scaling and maintaining aspect ratios.

- Footer was overlapping on content.

Solutions Implemented:

- Utilized flexbox properties (`flex-wrap`, `justify-content`, `align-items`) to maintain a consistent layout.

- Used media queries to adjust the layout for smaller screens.

- Applied fixed dimensions to images and ensured they maintained their aspect ratio.

- For footer overlapping issue adjusted the margin bottom size.

Learnings:

- Gained experience in responsive web design using HTML and CSS.

- Improved understanding of web development on the given tasks.

- Enhanced problem-solving skills by addressing layout and alignment issues.

Project Update:

- The responsive company member team page was successfully created.

- The Company members are displayed with images above their names, and the layout adjusts well across different devices.