

Assignment Title:

Building a High-Performance Website with HTML5 and Reusable Components

Objective:

Design and implement a 10-page website using HTML5, focusing on reusability through the inclusion of shared components such as header and footer. The website should cover essential sections like Home, About, Services, Projects, Album, Portfolio, Contact Us, Privacy and Policy, Terms and Conditions, and FAQs.

Requirements:

1. Home Page (index.html):

- Welcoming and engaging introduction to the website.
- Inclusion of the shared header and footer components.

2. About Page (about.html):

- Information about the company, organization, or individual behind the website.
- Shared header and footer.

3. Services Page (services.html):

- List of services provided by the website.
- Utilize the shared header and footer.

4. Projects Page (projects.html):

- Showcase of notable projects, if applicable.
- Shared header and footer.

5. Album Page (album.html):

- Display a photo album or gallery.
- Leverage the shared header and footer.

6. Portfolio Page (portfolio.html):

- Highlight the portfolio of the website owner or the organization.
- Include the shared header and footer.

7. Contact Us Page (contact.html):

- Contact form or information.
- Shared header and footer.

8. Privacy and Policy Page (privacy.html):

- Detailed privacy policy information.
- Shared header and footer.

9. Terms and Conditions Page (terms.html):

- Clearly defined terms and conditions.
- Utilize the shared header and footer.

10. FAQs Page (faqs.html):

- Frequently asked questions and their answers.
- Include the shared header and footer.

Implementation Guidelines:

1. Header and Footer Components:

- Create separate HTML files for the header and footer.
- Utilize HTML include functionality or any suitable tags to incorporate these components across all pages.

2. Additional Reusable Components:

- Identify and implement at least two additional components (e.g., navigation bar, call-to-action section) that can be reused on multiple pages.

3. HTML5 Elements:

- Incorporate HTML5 semantic elements where applicable (e.g., `<header>`, `<nav>`, `<section>`, `<article>`, `<footer>`).

4. CSS Styling:

- Apply consistent and visually appealing styling across all pages using CSS.
- Ensure responsiveness for a seamless experience on different devices.

5. Validation and Accessibility:

- Validate all HTML documents using the W3C HTML Validator.
- Ensure accessibility by providing alternative text for images and using appropriate ARIA attributes.

6. Testing:

- Test the website across various browsers to ensure compatibility.
- Evaluate the website's performance using tools like Google PageSpeed Insights.

7. Submission:

- Submit the assignment as a compressed folder containing all HTML and CSS files, along with any additional assets.