Job Title: Create a fully mobile friendly responsive website for **"Personal Portfolio"** using HTML, CSS, JavaScript, & CSS Responsive Framework.

Conditions:

1. Work must be carried out in a safe manner and according to coding standards.
2. Open-source resources can be used (Like: stack overflow).
3. ChatGPT, Gemini or any other type of AI used completely prohibited.
4. Written code must be clean & errors free.
5. Must be use Latest version of CSS Responsive Framework Bootstrap or Tailwind CSS.
6. Use External CSS & JS file. Internal CSS & JS code used completely prohibited.

Design Procedure:

Job Scope and Requirements:

1. Understand the purpose of the website (to serve as a Personal Portfolio).
2. Gather specific requirements such as the number of pages (Home Page, About Page, Portfolio Page, Service Page, Contact Page), desired features (informational articles, personal details, all services information & Example of some client information), target audience (Individual live Freelancer, Doctor, Engineer, Layer etc), and any branding guidelines.

Plan Website Structure:

3. Sketch a basic layout of each page (Home Page, About Page, Portfolio Page, service Page, Contact Page) to visualize the website structure.
4. Determine the content hierarchy and navigation menu placement.

Set Up Development Environment:

5. Install a text editor like Visual Studio Code or Sublime Text for coding.
6. Set up a folder structure for the project to organize HTML, CSS, and JavaScript files.

Write HTML Markup:

7. Begin by creating the basic HTML structure for each page (Home Page, About Page, Portfolio Page, Service Page, Contact Page).
8. Include semantic HTML elements such as <header>, <nav>, <main>, <footer>, etc.
9. Insert placeholder content for now, focusing on structure and hierarchy.
10. Setup Local Server

Style with CSS:

11. Write CSS rules to style the HTML elements based on the wireframes and design requirements.
12. Apply typography, colors, layout, and spacing to achieve the desired visual design.
13. Use CSS Responsive frameworks like Bootstrap or Tailwind CSS.

Enhance with JavaScript:

14. Add interactivity and functionality using JavaScript.
15. Implement features like document search functionality, image sliders, or interactive maps to enhance user experience.
16. Ensure graceful degradation for browsers that don't support JavaScript.

Search Engine Optimization (SEO):

17. Optimize the website for search engines to improve visibility and ranking in search results related to liberation war history.
18. Incorporate relevant keywords into page titles, headings, and meta descriptions.
19. Ensure that URLs are descriptive and include keywords where appropriate to enhance search engine indexing.

Test and Debug:

20. Conduct thorough testing to identify and fix any issues with layout, functionality, or performance.
21. Test the website in different browsers (Chrome, Firefox, Safari, Edge etc.) to ensure cross-browser compatibility.
22. Debug any HTML, CSS, or JavaScript errors using browser developer tools to ensure smooth user experience.

Finalize and Deploy:

23. Review the website with the assessor and incorporate any feedback or revisions.
24. Once approved, prepare the website for deployment by optimizing assets (minification, compression).
25. Upload the files to local server to make the website live and available in LAN, ensuring secure data handling for contact form submissions and sensitive information.

Specification Sheet 02

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Equipment:

1. Computer /Laptop

Software: Web browser and Text editor

Job Objective: The objective of this job is to create a Personal Portfolio Website that serves as a comprehensive resource for individual professional. The website will provide individual information, individual portfolio, individual service detail, existing client history, and a means for users to contact to order their desire eservice.

Job Scope:

1. **Home Page:**
   a. Create banner slider using Carousel.
   b. Create About Me Section with images and text content.
   c. Create Carrier Mission & Vision Section.
   d. Create Service List Section
   e. Create Client Feedback Section.
2. **About Page:**
   a. Page Title Section.
   b. Personal Biography Section
   c. Existing Client Section
   d. Skill Information Section
3. **Portfolio Page:**
   a. Page Title Section
   b. Create Personal information Section,
   c. Create Education information Section,
   d. Create Special skill Section,
   e. Create Training Certification Section using Bootstrap Modal.
   f. Create Working Experience Section.

4. **Service Page:**
   a. Page Title Section
   b. All Service Grid Section
   c. Client Section
   d. Create FAQ section with 5 questions and answer using bootstrap Accordion or Tailwind CSS or pure JS.

5. **Contact Page:**
   a. Page Title Section.
   b. Direct Contact Information Section.
   c. Contact Form Section using Name, Email, Phone, Address, and Messages.
   d. Google MAP API Section.
   e. Make sure Contact Form validation using Javascript.

6. **Common Features:**
   a. Navigation bar / Menu bar and Footer should be available for all pages with mouse hover effects.
   b. Navigation bar / Menu bar must be responsive for all devices.
   c. Use live date & time in footer using Javascript.
   d. All internal pages linking with Navigation bar / Menu bar

Technical Specifications and Requirements:

1. **Frontend Development:**
   a. Utilize HTML5, CSS3, and JavaScript to develop a responsive and user-friendly interface (use library and framework of your choice).
   b. Ensure cross-browser compatibility and optimize performance for fast loading times.

2. **Design Considerations:**
   a. Design a visually appealing and intuitive interface with easy navigation and clear organization of content.
   b. Use appropriate colors, typography, and imagery to enhance the user experience and convey information effectively.

3. **SEO Optimization:**
   a. Optimize the website for search engines by incorporating relevant keywords, meta tags, and structured data markup.
   b. Ensure that content is easily indexable and accessible to search engine crawlers.

4. **Deployment:**
   a. Hosted on a local secure web server with HTTP/HTTPS

Testing and Quality Assurance:

1. Conduct comprehensive testing of the website to identify and address any bugs, errors, or compatibility issues.
2. Test functionality such as forms, interactive elements, and multimedia content across different devices and browsers.
3. Perform testing to ensure that the website meets the needs and expectations.