**Client Requirement Document**

**Client Name: X**

**Project Title: Portfolio Website Development**

**Situation**

The client, X, requires a professional portfolio website to showcase their profile, skills, and contact details. The website is intended to enhance their online presence, demonstrate expertise, and provide an easy means for potential clients or employers to connect with them.

**Scope of Work**

The website will include:

* A professional landing page introducing the client.
* Sections for showcasing skills, experience, and contact information.
* A navigation bar for easy access to different sections.
* Interactive and responsive elements for an optimal user experience.

**Objectives and Functional Requirements**

1. **Basic Structure and Syntax of an HTML Document**
   * Deliver a well-structured HTML file using the correct syntax.
   * Include the following tags:
     + <!DOCTYPE html> to specify the document type.
     + <html> to enclose the entire content.
     + <head> to include meta information like character encoding and the title.
     + <body> to contain the main content.
2. **Headings and Paragraphs to Structure Content**
   * Use headings (<h1>, <h2>) for clear titles like "Home," "About," and "Contact."
   * Include paragraphs (<p>) for detailed descriptions in the profile and skills sections.
3. **Text Formatting Using HTML Tags**
   * Apply <em> tags for emphasis, e.g., highlighting the client’s role or key achievements.
   * Use <strong> tags for important text.
4. **List of Skill Sets**
   * Display skills in an unordered list (<ul>), with each skill as a list item (<li>).
   * Examples include "HTML5," "CSS3," "JavaScript," etc.
5. **Images on the Webpage**
   * Add a small profile picture in the "Home" section.
   * Include a large profile picture in the "About" section.
   * Use <img> with descriptive alt attributes for accessibility.
6. **Languages Known and Proficiency Table**
   * Use a table to display languages and their proficiency levels.
   * Include columns for language names and their respective levels (e.g., Fluent, Learning).
7. **External Links to the Webpage**
   * Add clickable icons for social media platforms (LinkedIn, Facebook, Instagram).
   * Ensure links open in a new tab with target="\_blank".
8. **Contact Mail in the Footer**
   * Include an email address that users can click to open their email client using mailto:
   * Position this in the footer for easy access.
9. **Navigation Bar at the Top**
   * Provide a navigation bar with links to sections:
     + Home
     + About
     + Contact
   * Use an unordered list (<ul>), with each link as a list item (<li>).
10. **Styling and Design Considerations**

* Implement styling using a linked CSS file (styles.css).
* Use modern, clean, and responsive designs.
* Ensure proper spacing, typography, and visual hierarchy.

**Non-Functional Requirements**

1. **Responsiveness**
   * The website should adapt seamlessly to devices of varying screen sizes, including desktops, tablets, and smartphones.
2. **Accessibility**
   * All images should include descriptive alt attributes.
   * The navigation should be intuitive and keyboard-accessible.
3. **Performance Optimization**
   * Optimize images and code for faster loading times.
4. **Browser Compatibility**
   * Ensure the website works on all major browsers (Chrome, Firefox, Safari, Edge).

**Project Deliverables**

1. HTML file containing the structured content.
2. CSS file for styling and responsive design.
3. All supporting assets (images, icons, etc.).

**Timeline**

* **Phase 1**: Initial layout and structure completion – 2 days.
* **Phase 2**: Styling, responsiveness, and testing – 2 days.

**Additional Notes**

* The design must align with the client's preferences, ensuring a professional and modern look.
* Collaboration with the client will be ongoing to gather feedback and incorporate changes.