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Software Requirements Specification (SRS) for Personal Resume Website

1. Introduction

1.1 Purpose

This document outlines the software requirements for developing a personal resume website using HTML and CSS. The website will serve as a digital representation of the individual's professional experience, education, skills, and contact information.

1.2 Scope

The resume website will include sections such as Personal Information, Professional Summary, Work Experience, Education, Skills, Projects, and Contact Information. It will be designed to be responsive and accessible across various devices and screen sizes.

1.3 Definitions, Acronyms, and Abbreviations

- **HTML**: HyperText Markup Language
- **CSS**: Cascading Style Sheets
- **SRS**: Software Requirements Specification

1.4 References

- GeeksforGeeks. "Software Requirement Specification (SRS) Format." https://www.geeksforgeeks.org/software-requirement-specification-srs-format/

2. Overall Description

2.1 Product Perspective

The resume website is a standalone application developed from scratch using HTML and CSS. It is intended to provide an online presence for the individual, showcasing their professional background and skills.

2.2 Product Functions

- Display personal and contact information.
- Provide a professional summary.

- Detail educational background.

- Highlight technical and soft skills.

- Showcase projects with descriptions and links.

- Include a contact form for visitors to reach out.

- Add anything else you want, links to various personnels ites where you want to showcase your work, hobbies.

2.3 User Characteristics

The primary user is the website owner who will maintain and update the content. Secondary users include potential employers, recruiters, and colleagues seeking information about the individual's professional background.

2.4 Constraints

- The website must be developed using only HTML and CSS.

- It should be compatible with major web browsers (e.g., Chrome, Firefox, Safari).

- The design must be responsive to ensure usability on various devices.

3. Specific Requirements

3.1 Functional Requirements

- **Navigation Bar**: Provide links to different sections of the resume.

- **Responsive Design**: Ensure the layout adapts to different screen sizes.

- **Contact Form**: Include fields for name, email, subject, and message; implement basic validation using HTML attributes.

3.2 Non-Functional Requirements

- **Performance**: Pages should load within 2 seconds on a standard internet connection.

- **Usability**: The interface should be intuitive and user-friendly.

- **Accessibility**: Use semantic HTML elements to support screen readers.

3.3 Design Constraints

- Adhere to a minimalist design aesthetic.

- Use web-safe fonts and a cohesive color scheme.

4. Appendices

4.1 Assumptions and Dependencies

- Assume users have internet access and a modern web browser.

- The website does not require server-side processing.

4. 2 User Screens

Outline all the main user screens using paper and pen and paste it here.

📌 User Screens Overview

This project contains **seven main pages**, each serving a unique purpose.

Screen Name	Description
Home Page	The landing page of the website. Displays **your name, title (AI & Data Science Student),** and a navigation menu to access different sections.
Summary Page	Contains a **brief introduction** about yourself, describing your **expertise, goals, and career interests.**
Education Page	Lists **academic qualifications,** including **university name, degree, year of study, and CGPA/percentage.**
Projects Page	Showcases **major projects with technologies used, problem statement, and results.** Each project has a **short description** and key highlights.
Skills Page	Lists **technical skills** (e.g., Python, Java, ML, Web Development) and **soft skills** (e.g., Problem-Solving, Communication). Uses **bold headings** for clarity.
Certifications Page	Displays **relevant certifications** with course provider names and completion dates (e.g., DataCamp, Udemy, Coursera).
Contact Page	Includes a **contact form** with fields for **Name, Email, Phone Number, Student/Teacher Selection, and Message.** Uses proper validation.