E-COMMERCE

Task -2

Portfolio

LMS Username	Name	Batch
	Pooja.M	CA9
NaanMudhalvan 2EA045783F4DD95B 9264A43E62D4B75B	Sakshi kumari .P	CA9
	Yuvalakshmi .G	CA9

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This **Software** Requirements Specification (SRS) outlines the requirements for a portfolio website developed with HTML, CSS, and JavaScript, designed to facilitates seamless browsing, secure transactions, and personalized user experiences for customers seeking a diverse range of products.

1. Introduction

1.1 Purpose
The purpose of this document is to define the software requirements for the development of a portfolio website. This website will showcase the skills and work of an individual or a company using HTML, CSS, and JavaScript.

1.2 Scope
e-commerce website project includes the development of a user-friendly online platform that facilitates seamless browsing, secure transactions, and personalized user experiences for customers seeking a diverse range of products.

1.3 Definitions, Acronyms, and Abbreviations
•HTML: Hypertext Markup Language
•CSS: Cascading Style Sheets
•JavaScript: A programming language for web development

2. Functional Requirements

2.1 Modules

2.1.1 **User Registration and Authentication:**
Users should be able to create accounts, providing necessary information for registration.

2.1.2 **Shopping Cart and Checkout:**Users should be able to add products to a shopping cart, view and modify its contents.

2.1.3 **Product Management:**
•Admins should have the capability to add, edit, or remove products, including details such as images, descriptions, and pricing.

2.2 Sections

2.2.1 Home Page
•The home page will display a brief introduction and provide navigation to other sections.

2.2.2 Categories Page
•The projects page will showcase the clothing and accessories categories.

2.4.3 Contact Page

•The contact page will allow visitors to contact the user through a contact form.

2.5 Interactive Features

2.5.1 Smooth Transitions

•Implement smooth transitions and animations to enhance user experience.

2.5.2 Responsive Design

•Ensure the website is responsive and works well on various devices and screen sizes.

3. System Constraints

•The website will be developed using HTML5, CSS3, and JavaScript.

•Hosting and server requirements will be determined based on the chosen hosting platform.

4. Non-Functional Requirements

4.1 Performance

•The website shall load quickly and respond to user interactions without significant delay.

4.2 Security

•User data, including login credentials, shall be securely stored and transmitted using encryption.

4.3 Compatibility

•The website shall be compatible with major web browsers, including Chrome, Firefox, Safari, and Edge.
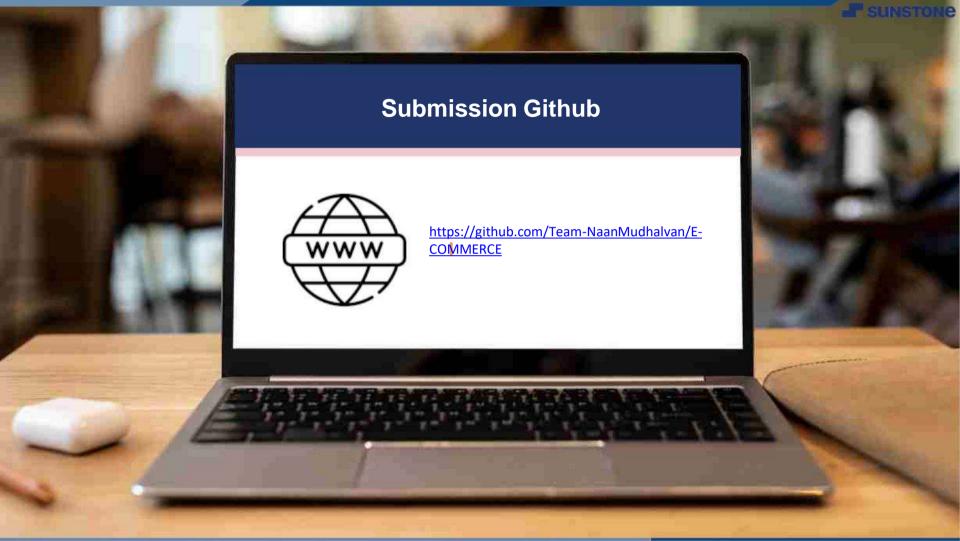
4.4 Usability

•The website shall be user-friendly and easy to navigate.

5. Conclusion

This Software Requirements Specification (SRS) document outlines the functional and non-functional requirements for the development of a portfolio website using HTML, CSS, and JavaScript. It provides a comprehensive overview of the project's scope and objectives to guide the development process.

Submission Github

https://github.com/Team-NaanMudhalvan/E-COMMERCE