

marper's web
Software Requirements Specification Document

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1. Introduction

The section shall provide an overview of the entire SRS with purpose, scope, definitions, acronyms, abbreviations, references, and overview of the SRS.

1.1 Purpose

To create a personal website that introduces the artist, their portfolio, and provide ways on how to connect with them.

1.2 Intended Audience and Intended Use

This project is a prototype website to showcase its content and a limited number of its features. This shall only be accessible to the developers, administrators, stakeholders, and other parties that will rate the website.

1.3 Scope

This scope of this project is as follows:

- Allow the artist (owner of the website) provide an overview about themselves
- Allow the artist to introduce themselves in order for the visitors of the website get to know them better
- Allow the artist to showcase their portfolio so that the visitors of the website can view them
- Allow the artist to provide their socials and contact information so that visitors of the website can connect with them
- Allow members of the website to login and logout of the website

1.4 Definitions and Acronyms

CSS	<i>Cascading Style Sheet</i>
HTML	<i>Hypertext Markup Language</i>
JavaScript	an object-oriented computer programming language commonly used to create interactive effects within web browsers (Oxford Languages, n.d.)
jQuery	an open-sourced JavaScript library that simplifies creation and navigation of web applications (Gillis, n.d.)
PHP	<i>PHP: Hypertext Preprocessor</i> , a widely-used open source general-purpose scripting language that is especially suited for web development and can be embedded into HTML (The PHP Group, n.d.)
Portfolio	a set of pieces of creative work collected by someone to display their skills, especially to a potential employer (Oxford Languages, n.d.).
Socials	social media platforms such as Facebook, Twitter, etc.
SQL	<i>Structured Query Language</i> , an international standard for database manipulation (Oxford Languages, n.d.)
SRS	<i>Software Requirements Specification</i>

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1.5 References

Gillis, A. S. (n.d.). *jQuery*. Retrieved from TheServerSide:
<https://www.theserverside.com/definition/jquery>

Oxford Languages. (n.d.). *JAVASCRIPT | Meaning & Definition for UK English*. Retrieved from Lexico: <https://www.lexico.com/definition/javascript>

Oxford Languages. (n.d.). *PORTFOLIO | Meaning & Definition for UK English*. Retrieved from Lexico: <https://www.lexico.com/definition/portfolio>

Oxford Languages. (n.d.). *SQL | Meaning & Definition for UK English*. Retrieved from Lexico: <https://www.lexico.com/definition/sql>

The PHP Group. (n.d.). *What is PHP?* Retrieved from php:
<https://www.php.net/manual/en/intro-what-is.php>

2. Overall Description

2.1 User Needs

For the prototype, the users shall only be the developer, administrators, stakeholders, and other parties that will rate the website. The needs should be a working prototype that allows access to some features such as the homepage, contact form, links to the artist's socials and the login/logout system. When the website is live, all the visitors of the website should be considered as users, and their needs would be a working website that will allow them to access all features.

2.2 Assumptions and Dependencies

- The prototype shall be run through a local host.
- Screen resolution should not exceed a width of 1920px.

3. System Features and Requirements

3.1 Functional Requirements

3.1.1 Homepage

This page shall allow visitors of the website to get an overview of all the contents on the website.

3.1.2 Profile page

This page shall allow visitors of the website to view the profile of the artist (owner of the artist), read an anecdote about them. Basically, an 'About' page.

3.1.3 Portfolio page

This page shall allow visitors of the website to view a gallery of works created by the artist.

3.1.4 Connect page

This page shall allow visitors of the website to view the contact information of the artist and their socials.

3.1.5 Contact Form

This feature shall allow visitors of the website to quickly send a message to the owner of the website.

3.1.6 Membership System

This feature shall allow visitors of the website to be a member of the website, allowing them access to exclusive content.

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3.2 External Interface Requirements

3.2.1 User Interfaces

- Front-end software: HTML, CSS, JavaScript/jQuery
- Back-end software: SQL, PHP

3.2.2 Hardware Interfaces

- Windows/MacOS/Linux
- A browser that supports HTML, CSS, JavaScript/jQuery

3.2.3 Software Interfaces

The following are the software used for the prototype of marper's web

Software used	Description
Operating system	The website should run on any operating system
Database	To save the information for both the contact form and login/logout system, a SQL database is used

3.2.4 Communication Interfaces

This project should support all types of browsers as simple electronic forms are used for the contact form and the login system.

3.3 System Features

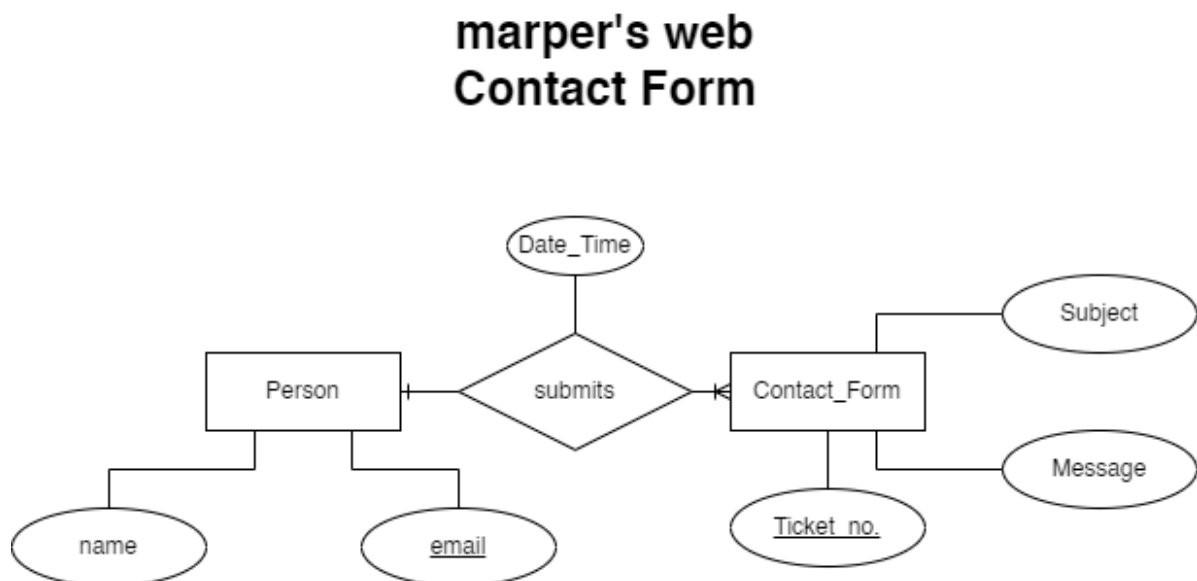
- Distributed Database
- Client/Server System

3.4 Nonfunctional Requirements

3.4.1 Performance Requirements

The following are the implementation of the Contact Form database.

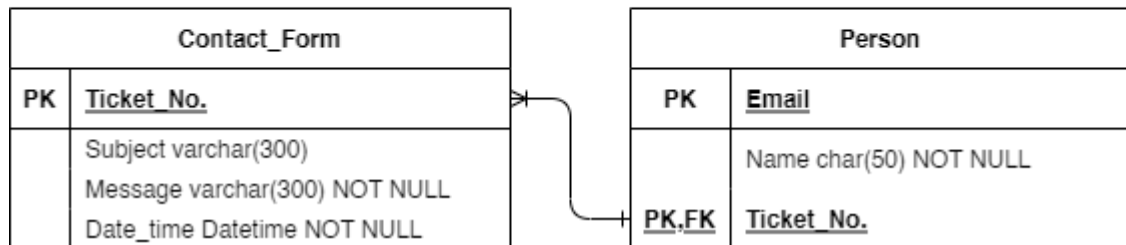
A) E-R Diagram



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B) Relational Schema

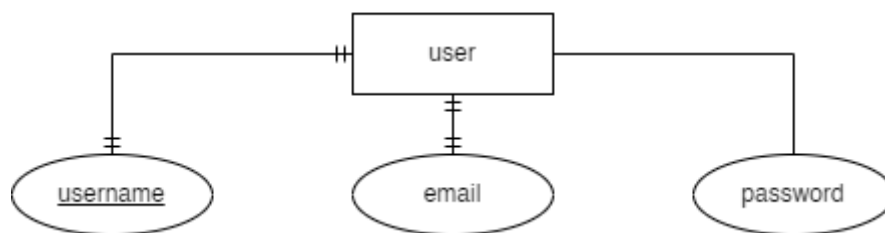
marper's web
Contact Form



The following are the implementation of the user_list database.

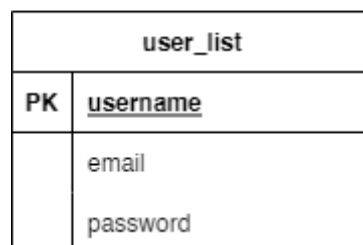
A) E-R Diagram

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User list



B) Relational Schema

marper's web
User list



3.4.2 *Quality Requirements*

- Availability: The website should be live available and accessible any time.
- Maintainability: The administrators should regularly maintain the database of users and special cases such as forgetting the password should be handled immediately.