

**Software Requirements Specification for
Poignant Lines: A Website to Read or Share
Heartfelt Lines**

Third & Fourth Laboratory Activities

In partial fulfillment of
the requirements for
CMSC 128: Software Engineering

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I. INTRODUCTION

Poetry has been around for about 4,000 years. Poems are created to impart ideas, express emotions, and generate images, much like other literary genres. Up to this day, poetry has become a part of our lives. It has continued to bring joy, sorrow, grief, anger and a lot more flurry of emotions to anyone who appreciates this form of art. There's something about the way words dance in harmony that brings forth unexplainable emotions within us. Poignant Lines aims to immortalize these heartfelt lines for generations to come.

Figuratively speaking aside, this section of the document will discuss the purpose, intended audience, intended use, scope, and the definitions and acronyms of the website Poignant Lines.

1.1 Purpose

The main purpose of the website is to display poems for people to read and to accept submitted poems from the members of the website.

1.2 Intended Audience

The intended audience includes anyone who has interest in anything related to poetry or poems. This may include website visitors, developers, or testers interested in the website's contents.

1.3 Intended Use

The website is intended to display poems to the visitors of the page. Those who have accounts created will also be able to send their poems to the website and the administrator will approve whether the submission will be posted or not.

1.4 Scope

The benefit of this website is that it can serve as a reservoir of poems. The objective of this website is to provide a place for poem-lovers to read and immerse themselves in various collections of poems as well as to help non-lovers or anyone without much exposure to poetry to learn to appreciate the beauty of this type of literature. The developer of this website aims to improve the contents and design of the website as time goes by so that many visitors will be attracted to the page and appreciate the beauty of carefully crafted lines. In this way, the website can help in preserving poetry for generations to come.

1.5 Definition and Acronyms

Some of the things that can go wrong in this project or website is that it is very high maintenance since it needs a lot of constant improvements and updates in order to keep the website's aesthetics. Failure to do so may bore the visitors who come to check or visit the website.

II. OVERALL DESCRIPTION

This section provides description to the website Poignant Lines. This is a new website created to serve as a poem gallery for those who share the same love for poems as the developer himself.

2.1 User Needs

The website can be used or visited by almost anyone. What the visitor will see in this website are poems and various other information related to it. Aside from reading poems, they can also know more about poems because the name of the author, the genre, the date published - to name a few - are also present on the website. Aside from those, the user can also submit their own entries which have the chance of being featured on the website if the administrator pleases. This makes the website visitor the primary user of this project.

Since this website is more on the aesthetic side of things, details about the user will not be very much required. They can freely visit the website without sharing personal information. If the user plans to become a member of the website, that is, if they want to sign up, they are very much welcome to do so and may acquire certain privileges by becoming a member which the developer will think of in the future.

2.2 Assumptions and Dependencies

The developer is assuming that the current technology is true. It is also assumed that in the future, the internet becomes more developed and efficient, improving the use of websites. Thus, also bringing improvement to this certain website too.

It is also assumed that appreciation of the different types of literature is still maintained in the future. The decline in the appreciation of literature will also cause the decline of the success of this project or website.

Finally, this project is dependent on the website that was created in fulfillment of the developers CMSC 126 class in the second semester of AY 2021-2021. The previous project must not only be maintained but also improved to ensure the improvement of this current project as well.

III. SYSTEM FEATURES AND REQUIREMENTS

For the project to succeed and become what it is intended to be, details must be provided as much as possible for the developer to fully satisfy the criteria. In this section, the functional requirements, external interface requirements, system features, and nonfunctional requirements will be detailed.

3.1 Functional Requirements

Listed below are the functional requirements of the website that the developer intends to create.

1. The website owner must be able to make the website presentable. Specifically, the website owner must be able to:
 - Create a logo for the website
 - View the website
 - Provide high-definition pictures for the website
2. The website owner must be able to make improvements to the website. Specifically, the website owner must be able to:
 - Website owner can edit the website
 - Website owner can add, edit, delete, and update certain information
 - Website can be viewed by the administrator
 - Website contains high-definition pictures
3. The website visitor must be able to access relevant information. Specifically, the website visitor must be able to:
 - User can view poem of the day
 - User can view author of the poem
 - User can access poem collections
 - User can search poems
4. Website visitor must be able to contribute something to the website:
 - User can write their own poems and submit to the website
 - User can donate amount to help maintain and improve the website
 - User can view author of the poem
 - User can access poem collections
 - User can search poems
5. Website visitor must be able to report some things that he/she thinks needs improvement:
 - User can message or give feedback about the website
 - Contact details are provided on the website
 - Name of the website creator is present on the website

3.2 External Interface Requirements

External interfaces requirements are a subset of functional requirements. When working with embedded systems, these are very crucial. They describe how a product will work with other parts. There are several types of interfaces that a developer must specify the requirements for such as the user and hardware requirements.

Below is the external interface requirements for the website Poignant Lines:

- User - the user must be able to have a basic understanding of the Internet. Some of the things that he or she must know, to know a few, are searching through the web, creating accounts, filling out forms and navigating pages and websites.
- Hardware - The user only needs to have a device that can connect and process data on the internet.
- Software - Almost any software that can access the internet.

3.3 System Features

Since this project is only a website, no specific feature is needed or required in order for the system to function aside from the system being able to use the internet as well as accept and process data. Basically, any modern system can accommodate this type of project.

3.4 Nonfunctional Requirements

Nonfunctional requirements can be just as essential as functional ones. Below are the nonfunctional requirements for this project.

- Performance:
It should also be able to retrieve data from the database and present it to the user as quickly as possible should the user use the search method of the website. The details of the poem must be updated.
- Security
Personal information shared by the user when creating an account must be kept confidential and protected.
- Quality

The website must be able to display high quality videos.

The importance of this type of requirement may vary depending on your industry. In the medical device industry, there are often regulations that require the tracking and accounting of safety.