

Software Requirements Specification

Introduction

December of twenty nineteen made the whole world come to halt. A virus called SARS-CoV-2 or widely known as Coronavirus disease (COVID-19) was born. It is transmissible, a single virus-positive person can possible affect a large group of people. The surge of infection cases made the lockdown implemented in the Philippines and also to the other parts of the world. Everyone spent their lockdown period on their respetive houses. Thus, leads the way to discovering activities and hobbies that which they never tried before.

Social media community became lively. Filipinos shares informative and entertaining post on Facebook, tweets facts and their opinions on Twitter, shares their daily routine via Instagram story, and dance to stress-away through Tiktok. In addition to that, social media made everyone a chef on their own. Instructions in making dalgona coffee, bake-it-yourself pan de sal, and other recipes were widely shared in the community, thus giving everyone a try on their own.

These moments are better be cherished and remembered. The developer made an initiative to create a website that has all data specifically the significant ones posted. It includes entertaining activities, cooking and baking steps, timeline of events, and about the developer. These features will make the website visitor informed and entertained. Leaving a mark of what made everyone entertained during the lockdown.

1.1 Purpose

This website serves a community wherein everyone who has a registered account can make comments and interaction to the post. Also they can share their ideas and suggestions to the page. The website has a feature of a newsletter where anyone who wants an update about the website can be inform through emails. These are the additional offerings of the page. The main goal of this community is to share and reminisce things that have been discovered and entertained everyone.

1.2 Intended Audience

Everyone is welcome to the page, it is safe for everyone at all ages. The articles posted were all based on the trendings made by the online Filipino community, thus making the fellow countrymen as the intended audience of the site.

1.3 Intended Use

This blog website serves as a social media community wherein audience and authors can have interactions. Both can give their suggestions and recommendations. The newsletter feature can update the subscribed users about the new articles posted on the site. The registered accounts have the freedom to post their own articles.

1.4 Scope

The website focuses on reminiscing what made everyone entertained during the lockdown. It includes having interactions within the community. Updates and information about the page are open for all registered accounts.

1.5 Definitions and Acronyms

Risk such as false information is addressed by having an everyday check up of the site. Articles including do-it-yourself will have a note that the user is responsible for any untoward incidents that might happen. The authors are prescribed to have a precautionary note about the activities that will be posted.

2. Overall Description

The modification was made on the previous semester web engineering project. The project before only includes a blog wherein a single user is responsible for all the articles. Now everyone can have interactions on the article including making comments and giving suggestions. The login feature was added to blog website.

2.1 User Needs

Registered users have the privilege for the site. They can make interactions and a newsletter feature is available for them. New site visitors can create their personal accounts by clicking the register button. The old and existing accounts can access the site anytime they want. Articles and information are available for everyone visiting the site.

2.2 Assumptions and Dependencies

The website developer assumes that everyone who visited the site wants to know and be informed about all activities and events occurred during the lockdown. Anyone who just want to visit and tried to breach the site is beyond of the purpose of the site. This project is an update of the previous work. Although it was modified and exciting features were added in order for the website to be usable for everyone.

3. System Features and Requirements

This website project includes functional and nonfunctional requirements in which can fully satisfy the intended users. By following these requirements, it makes the project commendable on both system functionality and how the system can perform given the conditions.

3.1 Functional Requirements

Functional requirements are product features or functions that developers must implement to enable users to accomplish their tasks. It includes giving the user a message that the account's password must consist of eight letters, one uppercase, a number, and a special character. The newsletter feature will verify if the given email is valid and if it successfully entered the database. A confirmation message will be sent to the subscribed emails. For the login, if ever the entered username is already taken, it will ask the user to give another username. These messages will inform the user about the action it did in the website.

3.2 External Interface Requirements

Registered users can enter the website through its registered username and password. If it doesn't have an account yet, he can register through the signup button. This interface will ask for data to be registered to the database. Conditions for password is noted such as it must have an at least eight characters and etc. This restriction will save your account from being hacked. For the newsletter, it will ask the name and the email of the user. This data will be used for the emails to be sent to the registered accounts.

3.3 System Features

This project has the following features:

- ➔ Login – The registered users can access the website through its account.
- ➔ Signup – New website visitor can create his/her personal account.
- ➔ Newsletter – Anyone who wish to be updated will receive an email from the website.
- ➔ Contact Info – It includes the information of the website developer.

3.4 Nonfunctional Requirements

The website can ensure an up-to-date articles and activities posted. The information written on the sign-up form will be kept with confidentiality. The registered emails on the newsletter feature will be safe from data breaching. The developer will make sure that a safe and trusted website will be provided to its valuable users.