TRADE-D

Software Requirement Specification

1.0. Introduction

1.1. Purpose

The purpose of this document is to present a detailed description of e-commerce system for TradeD company. It will explain the purpose and features of the system, the interfaces of the system, what the system will do, the constraints under which it must operate and how the system will react to external stimuli. This document is primarily intended to be proposed to a customer for its approval and a reference for developing the first version of the system for the development team.

1.2. Scope of Project

The application involves the basic e-commerce activities, such as members' login, browsing, buy and sell activities. This system would be design to make logo designing easier for industries without risks of having copyright strike onto them. More specifically, the system would make the creative team in one's organisation could make their work optimized and would probably helping the company to cut budget on designers.

1.3 Definitions, acronyms and abbreviations

Term	Definition
E-commerce	Commercial transactions conducted electronically on the Internet.
Copyright	The exclusive legal right, given to an originator or an assignee to print, publish, perform, film, or record literary, artistic, or musical material, and to authorize others to do the same.
Creative team	A team that characterized by originality of thought or inventiveness; having or showing imagination.
Optimized	make the best or most effective use of a situation, opportunity, or resource.

1.4 Overview

The next chapter, the Overall Description section, of this document gives an overview of the functionality of the product. It describes the informal requirements and is used to establish a context for the technical requirements specification in the next chapter. The third chapter, Requirements Specification section, of this document is written primarily for the developers and describes in technical terms the details of the functionality of the product. Both sections of the document describe the same software product in its entirety, but are intended for different audiences and thus use different language.

REFERENCES

IEEE. IEEE Std 830-1998 IEEE Recommended Practice for Software Requirements Specifications. IEEE Computer Society, 1998.

2.0 Overall Description

In this section, background information of the project will be discussed and the product will be described. TradeD is a company that create and design a logo for another company. The company need an aid to ease the business between them and customer. The main point of the overall description is to make clear to the reader about how the product made.

2.1. Product Perspective

This application product is created for new bloom companies which tend to design logo for their business or a customer who wanted to create a logo for their organizations and club. Companies and organizations can send the desired design and the logo specification through online services by uploading it through our website or application. The TradeD application also serve users a platform or workspace software embedded with high technology tools to produce high quality of logo. The website also provide user with textbox that allow user to browse the web in order to get templates, ideas, and images that is useful for creating logo. Before the customers can use our software and upload the design, they need to have an account in our database. In that case, customer must register their account in our main website. The website is connected to our database which will eventually capture the data of customer that register in our website. After that, the customer must login our website every time the user want to use the service.

The uploaded logo and the saved work will eventually be sent to our database. User can refer back the saved logo which it is safe for the user as it is saved online. The user can retrieve back the logo by download it to the computer if they want to make a change. The TradeD business owner also can download the logo in order to print the logo as banner, flag and many more. Company also can request TradeD to make a logo by sending specifications of logo and company's scope of field in a word form. Finally, user can make an online payment to the TradeD business owner if they want to buy the product painted with their logo created by themselves.

2.2. Product Functions

The new software must contain many features which will allow customers to use many functionalities. As TradeD owner, they can see the list of member who has registered in the database and also they can retrieve the design order from customers. User can register and login into website in order to access the website. Then, they can browse the website freely, create and edit logos and submit the logo to TradeD owner to make order.

2.3. User Characteristics

There are two main type of user of this web. First, The TradeD owner and staffs and second, the TradeD customers which are the other company that wanted to create logo. We assume that user can use the product that we made as many company nowadays has become familiar with many design software. The product functionalities is almost similar with other design software but it is simple because we create it specific for making logo only. Thus, user can understand the software easily as it is simpler. Furthermore, we provide an interactive tutorial to make sure the user understand better

2.4. Constraints

Developers should consider that the product required portability which customers can use libraries and tools that afford to work with all common internet browsers. Furthermore, developers must concern with the privacy and safety of user as it is stored in online database. The necessary safety and precaution need to be applied in order to protect users. The other user should be constraint by developer from harming other users who is register to use the product.

3.0 Functional requirements

This section includes the requirements that specify all the fundamental actions of the software system.

3.1 User Class 1 - The User

3.1.1 TITLE: User Login

DESC: Existing user should be able to login into the website. The user should provide their email and password.

RAT: In order for a user to login.

3.1.2 TITLE: Sign Up

DESC: When a new user wants to use the service, the user need to create a new account. User will have to fill in personal details in the signup form.

RAT: In order for a new user to create an account.

3.1.3 TITLE: Checkout

DESC: After user has chosen the desired product, user proceed to checkout to process payment

RAT: In order for a user to pay for products.

3.2 User Class 2 - Website Owner

3.2.1

Feature: Website owner login to have full overview of the website

DESC: Website owner should be logged in to the website to access owner controls.

3.3 User Class 3 - Website Administrator

3.3.1

Feature: Administrator login in order to administer the system

RAT: An administrator should be logged in to the website to manage the website.

4. User interfaces

A first-time user of the application should see the homepage when he/she opens the application, See Figure 1. If the user has not registered, he/she should be able to do that on the log-in page.

If the user is not a first-time user, he/she should be able to see the search page directly when the application is opened, see Figure 2. Here the user chooses the type of search he/she wants to with logo provided by our application.

Every user should have a profile page where they can edit their e-mail address, phone number and password, see Figure 3. Also, the user can try to sign up / Login by clicking on top right menu

Figure 1 - Homepage

UTP DESIGN LOGO   **Logo Design**   **My Design**

Select a design

You can change your Industry, insert a different Company Name and even Add a Slogan. Just click Update to view the changes.

Figure 2 - Search

UTP DESIGN LOGO   **Logo Design**   **My Design**

Sign Up

Sign up now to save or download your design. There's no obligation. We assure you, your account information will not be shared with anybody.

First Name*:

Last Name *:

Email *:

Create Password *:

Confirm Password *:

Country *:   United States

Register

Login

Login now to save your design.

Email *:

Password *:

* Indicates required field

Login   Forgot Password?

OR

Figure 3 - Sign Up