

Software Engineering Terminology Website

User Manual

**Developed by:
Han Chen**

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1. Introduction

This user manual describes how to use the website for browsing, searching, and managing the terminologies of software engineering. Using this website, a normal user can browse and search terminologies and the administrator can browse, search, and manage (add, delete, modify) terminologies. Each terminology includes terminology name, terminology description, and terminology image. Every information about terminologies and user accounts is stored in the web server.

1.1 System Requirement

No matter which type of user you are, the website requires you to have the internet accessed. Moreover you need a browser. Importantly you need a valid account to log into the website to use it.

2. Getting Started

After you entered the correct address, the first page you can see will be the “Login” page (shown in Figure 1). This page require you to enter a valid username and password to access the website. If you are a normal user, you can ask a valid account from website owner whose email is chen.han@uwlax.edu. Once you received a valid account, you can log in the website by that account. If you want to be the administrator of this website, you also have to ask the owner of the website to get the administrator account. After you got administrator account you still have to log in the website to do more operations.

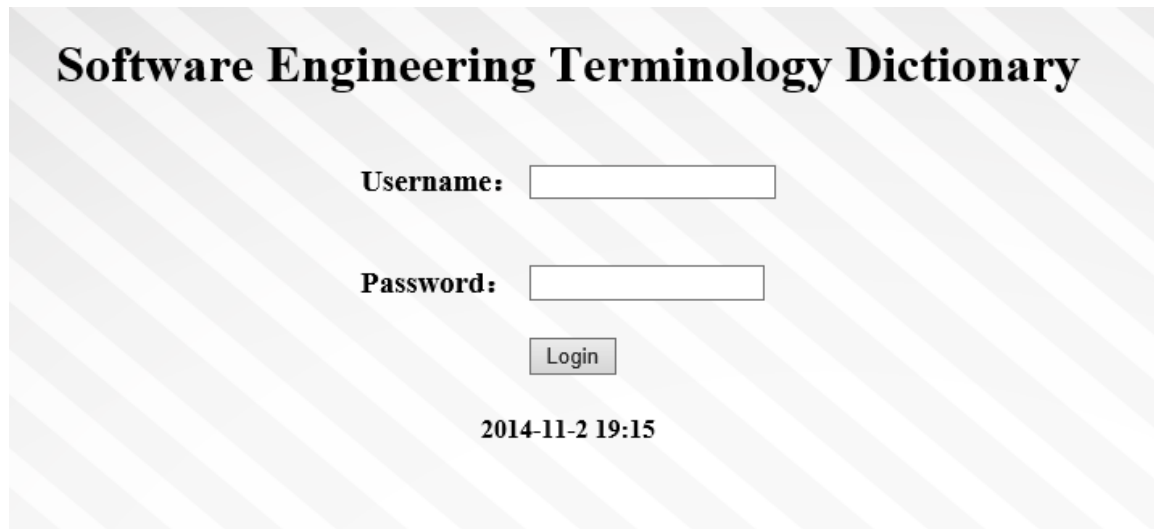
The image shows a web page titled "Software Engineering Terminology Dictionary". Below the title, there are two input fields: "Username:" and "Password:". Below the password field is a "Login" button. At the bottom of the page, the date and time "2014-11-2 19:15" are displayed. The background of the page has a light gray diagonal striped pattern.

Figure 1

No matter which type of user you belong to, once you entered wrong username or password, the website will show you an error message page (shown in Figure 2) which will last 2 seconds and then it will go back to log in page to let you log in again.

Wrong username or password

Figure 2

If you are a normal user, after you log in, you can see the welcome message, searching textbox, all terminologies (with terminology name and terminology image) existed in website, and a log out option (shown in Figure 3 and 4).

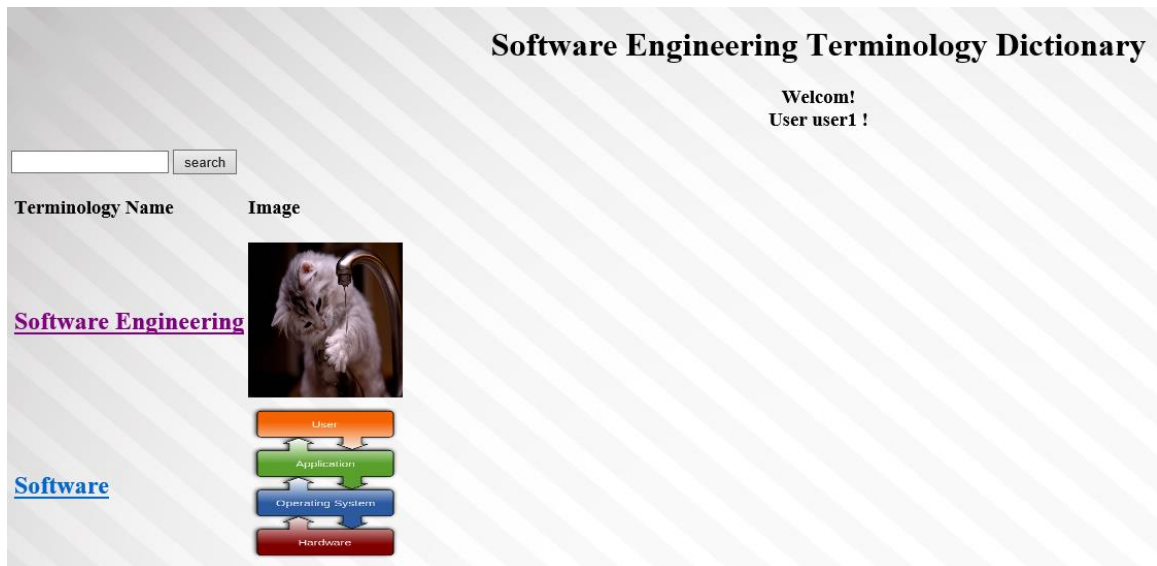


Figure 3

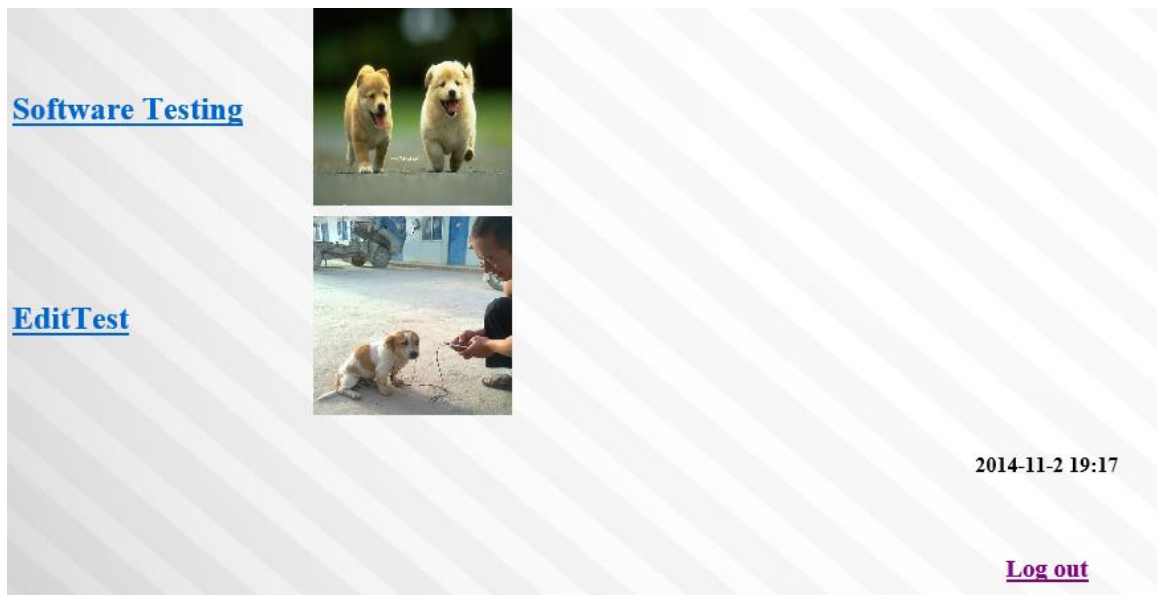


Figure 4

If you log in as administrator, you can see not only the same things as logging in as normal user, but also an option called “Add New Terminology” (shown in Figure 5).



Figure 5

3. Browsing Terminology

No matter which type of user you are, if you want to browse the details of each terminology, you can simply click the terminology name of each of them. The page will jump to the view page of the terminology you just clicked. For normal user, you can only browse the terminology’s details such as terminology name, terminology description, and terminology image (shown in Figure 6).

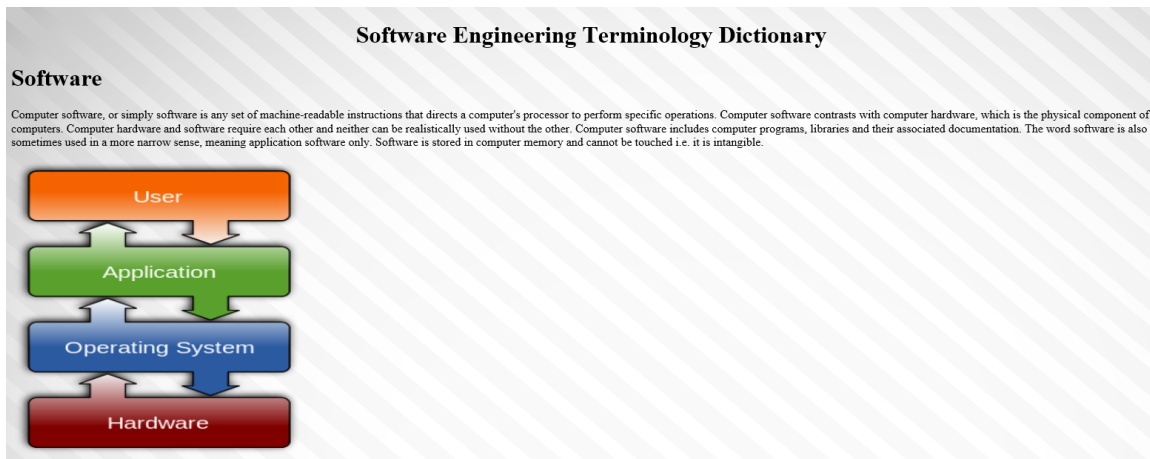


Figure 6

Moreover, you can see two options called “Go back to MainPage” and “Log out” (shown in Figure 7).

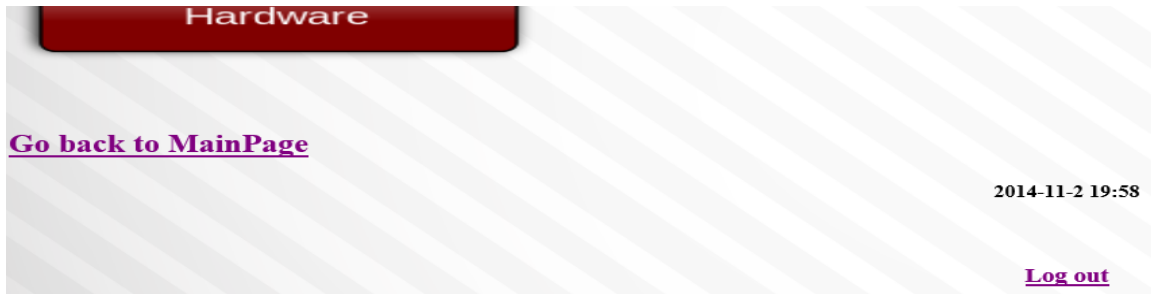


Figure 7

For administrator, you can see not only what normal user can see but also two more options called “Edit” and “Delete” (shown in Figure 8).

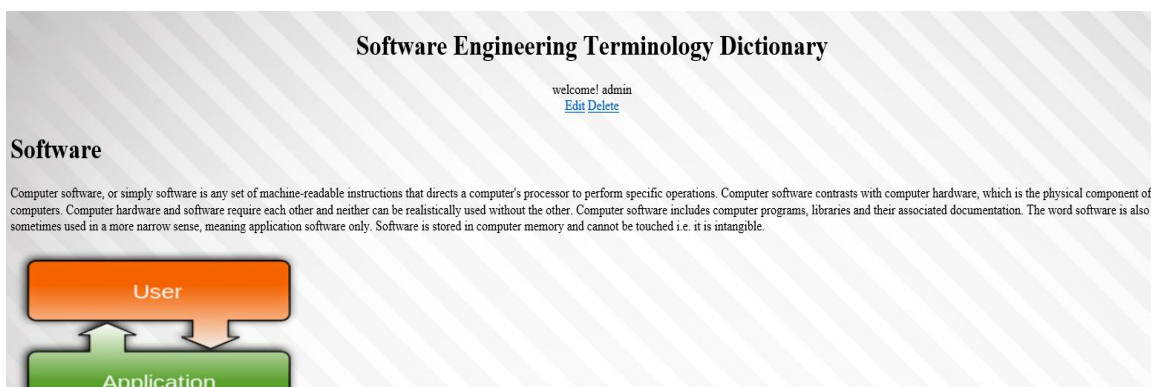


Figure 8

4. Searching Terminology

No matter what type of user you are, you can search terminology in main page by typing the whole name of terminology into search textbox and clicking “search” button to search terminology (shown in Figure 9) or typing the portion of terminology name to do fuzzy searching (shown in Figure 10).



Figure 9



Figure 10

However if there is none such terminology named as what you entered, the website will show you a message including administrator's email and an option called "Go back" to allow you go back to main page (shown in Figure 11).

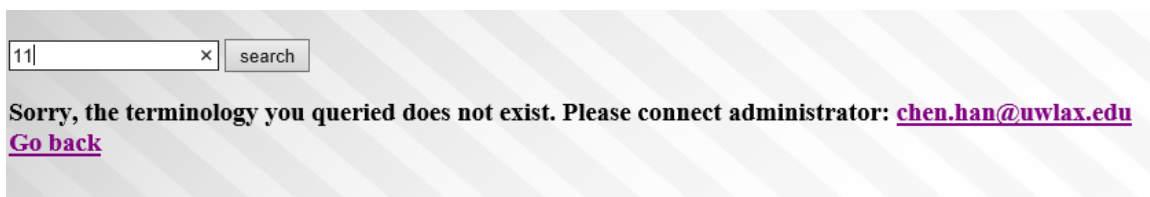
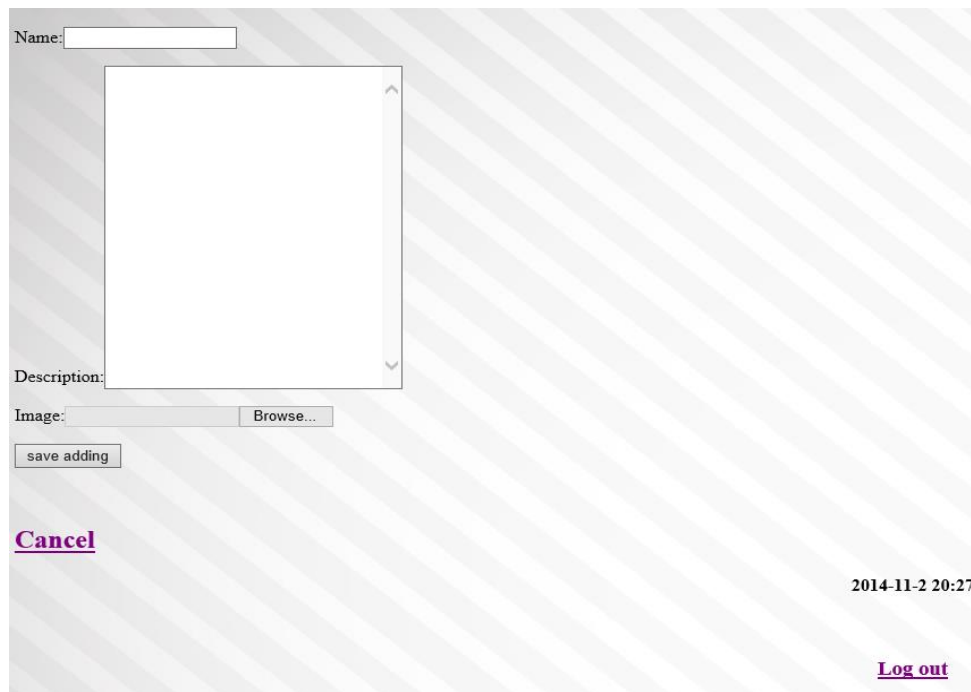


Figure 11

5. Adding Terminology

Only administrator can add a new terminology to website. Therefore only when user logs in as administrator can see the "Add New Terminology" option (shown in Figure 5). Clicking this option, user can see the adding new terminology page including couple controls such as terminology name textbox, terminology description text area,

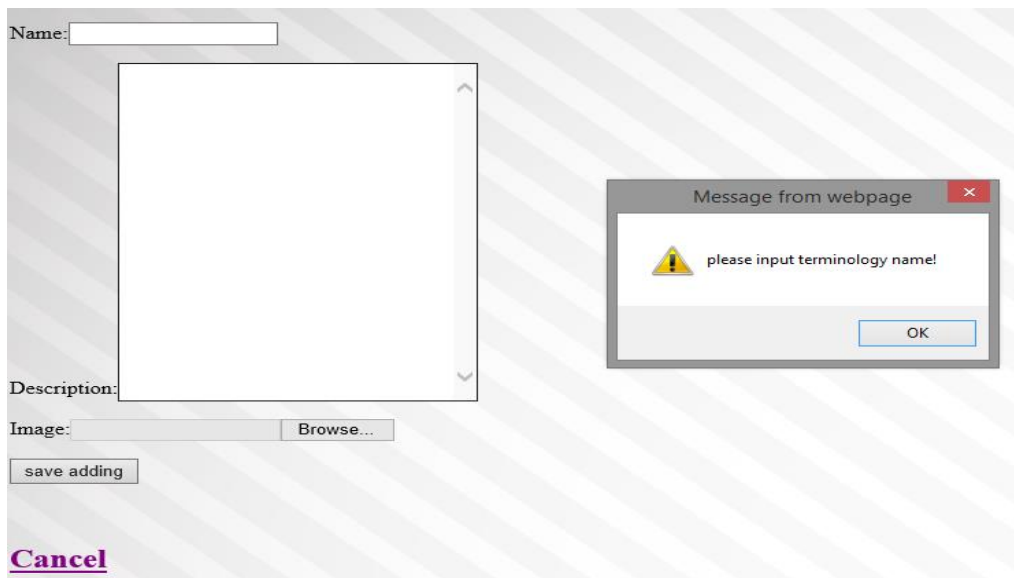
terminology image file choosing browser, and a “save” button, to let administrator input information of new terminology and save the information to server. At the bottom there are two options called “Cancel” and “Log out” (shown in Figure 12).



The screenshot shows a web form on a light gray background with diagonal stripes. At the top left is a text input field labeled "Name:". Below it is a large text area labeled "Description:". To the right of the "Description:" label is a "Browse..." button. Below the "Description:" label is a "save adding" button. At the bottom left is a purple "Cancel" link. At the bottom right is a timestamp "2014-11-2 20:27" and a purple "Log out" link.

Figure 12

If administrator don't enter anything as terminology name, there will be an alert window to warn administrator that the terminology must have a name to be entered (shown in Figure 13).



The screenshot shows the same web form as in Figure 12, but with an alert window overlaid on the right side. The alert window has a title bar "Message from webpage" and a red close button. It contains a yellow warning icon and the text "please input terminology name!". At the bottom of the alert window is an "OK" button. The web form elements are partially visible behind the alert window.

Figure 13

After administrator clicked “save” button, if the terminology name has already existed, there will be a message shown for administrator to notice him/her that the terminology name has already existed (shown in Figure 14), and go back to previous page in 2 seconds.

Terminology name exists, please try others.

Figure 14

If adding succeeds there will be a message to tell administrator the adding is successful (shown in Figure 15) and go back to main page in 2 seconds. The main page will show the newest result after adding a new terminology.

Successfully Added!

Figure 15

6. Deleting Terminology

If administrator wants to delete a terminology, he/she has to choose one terminology first by clicking the name of terminology from main page. This operation will make the page jumping to the terminology view page mentioned before. After that administrator will see two options which are “Edit” and “Delete” (shown in Figure 8).

Clicking the “Delete” option, administrator will see that the confirmation will be needed from administrator (shown in Figure 16).

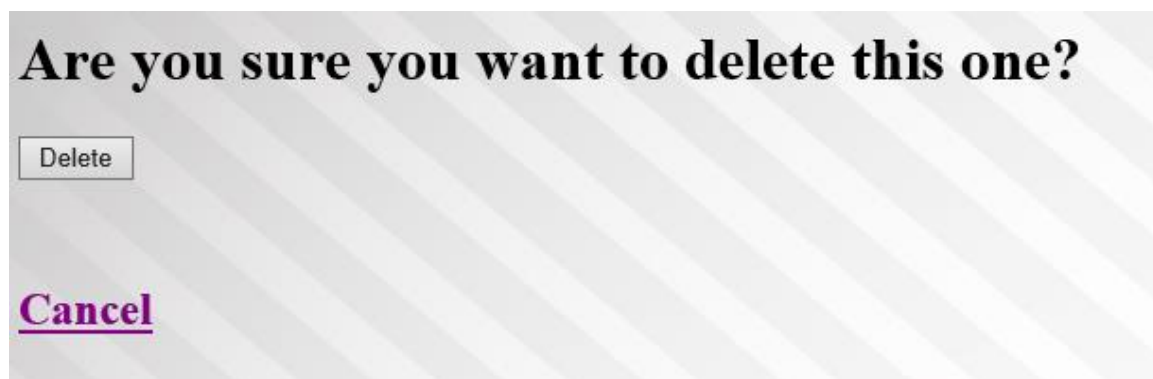


Figure 16

If administrator clicked “Delete” button, there will be a message shown at the bottom of page (shown in Figure 17) to notice administrator the deleting is succeeded.

Successfully Deleted

Figure 17

If administrator clicked “Cancel” the page will go back to view page. If administrator clicked “Go back to MainPage” the page will go back to main page.

7. Modifying Terminology

If administrator wants to edit a terminology, he/she has to choose one terminology first by clicking the name of terminology from main page. This operation will make the page jumping to the terminology view page mentioned before. After that administrator will see two options which are “Edit” and “Delete” (shown in Figure 8). Clicking “Edit” option, administrator will see all the information of the terminology he/she chose previously in a new page which is a terminology editing page (shown in Figure 18).

The screenshot shows a web form for editing terminology. At the top, there is a text input field labeled "Name:" containing the word "Software". Below this is a large text area labeled "Description:" containing two paragraphs of text about computer software. To the right of the description is a vertical scrollbar. Below the description is an "Image:" label followed by an empty text input field and a "Browse..." button. At the bottom left, there is a "save editing" button and a "Cancel" button. On the right side of the form, there is a vertical stack of four colored boxes with arrows pointing between them: "User" (orange), "Application" (green), "Operating System" (blue), and "Hardware" (red).

Figure 18

If administrator deleted the terminology name leaving it for empty, there will be an alert window to notice him/her (shown in Figure 19).

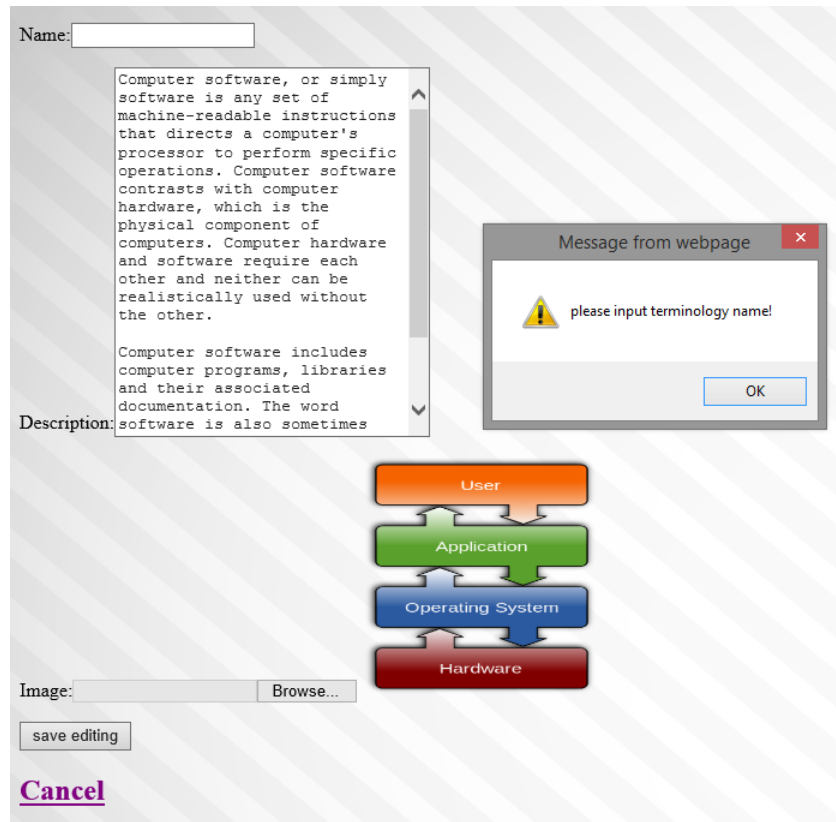


Figure 19

If administrator modified the terminology name to a one which has already existed, there also will be a message page which will notice administrator (shown in Figure 20) and go back to edit page in 2 seconds.

Terminology name exists, please try others or click cancel.

Figure 20

If editing succeeded, there will be a message page shown to notice administrator (shown in Figure 21) and go back to main page in 2 seconds.

Successfully Edited!

Figure 21

Glossary

Controls – the components or tools such as buttons, textboxes, and so on, which are controllable for user on the web pages.

Terminology name – the name of terminology.

Terminology description – It includes definition, description, and some examples of corresponding terminology.

Terminology image – a picture to help user understand terminology.