

Software Engineering Terminology Website

User Manual

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1. Introduction

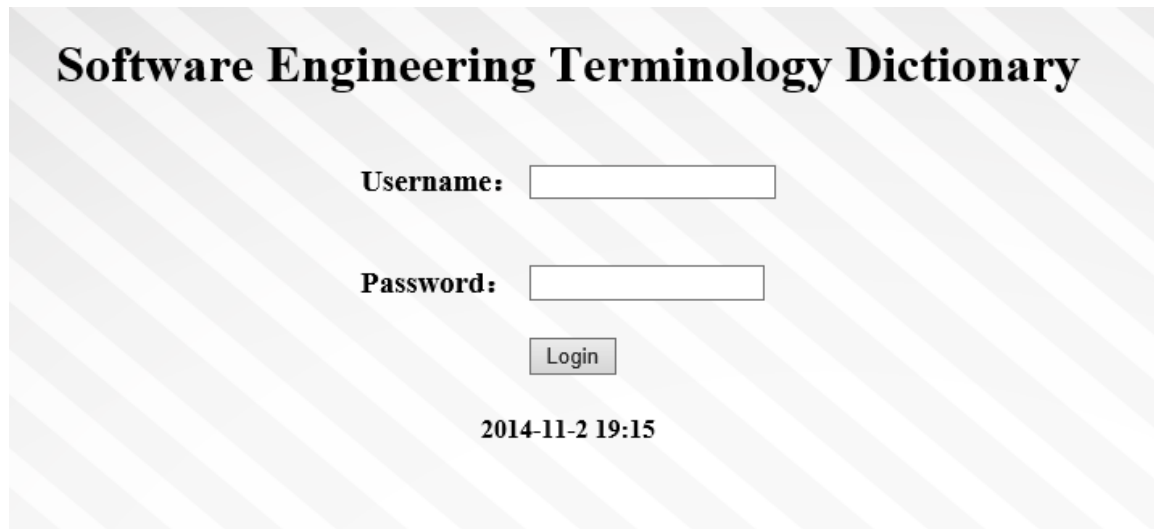
This user manual describes how to use the website for browsing, searching, and managing the terminologies of software engineering. Using this website, a normal user can browse and search terminologies and the administrator can browse, search, and manage (add, delete, modify) terminologies. Each terminology 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 login page for the 'Software Engineering Terminology Dictionary'. The title is centered at the top. Below it, there are two input fields: 'Username:' and 'Password:'. A 'Login' button is positioned below the password field. At the bottom, a timestamp '2014-11-2 19:15' is displayed. The background features a light gray diagonal striped pattern.

Software Engineering Terminology Dictionary

Username:

Password:

2014-11-2 19:15

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).

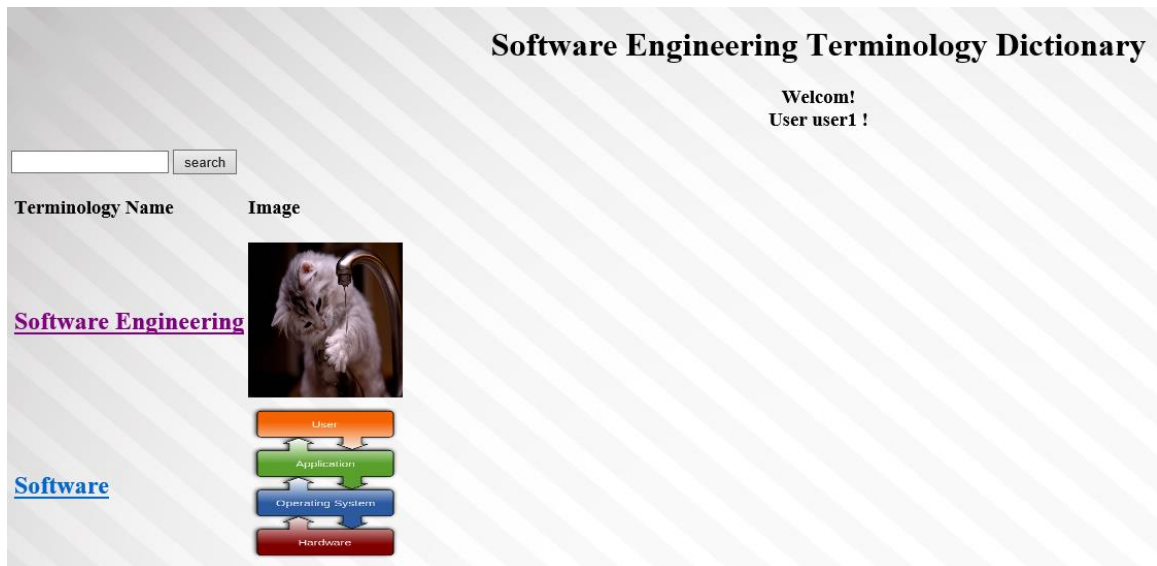


Figure 3

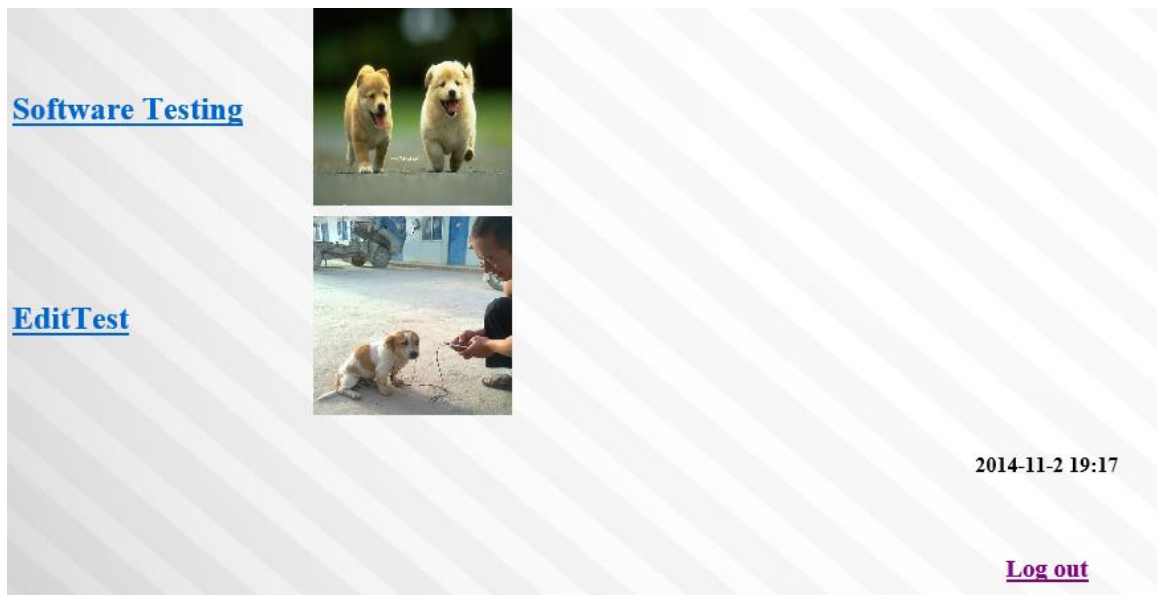


Figure 4

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).

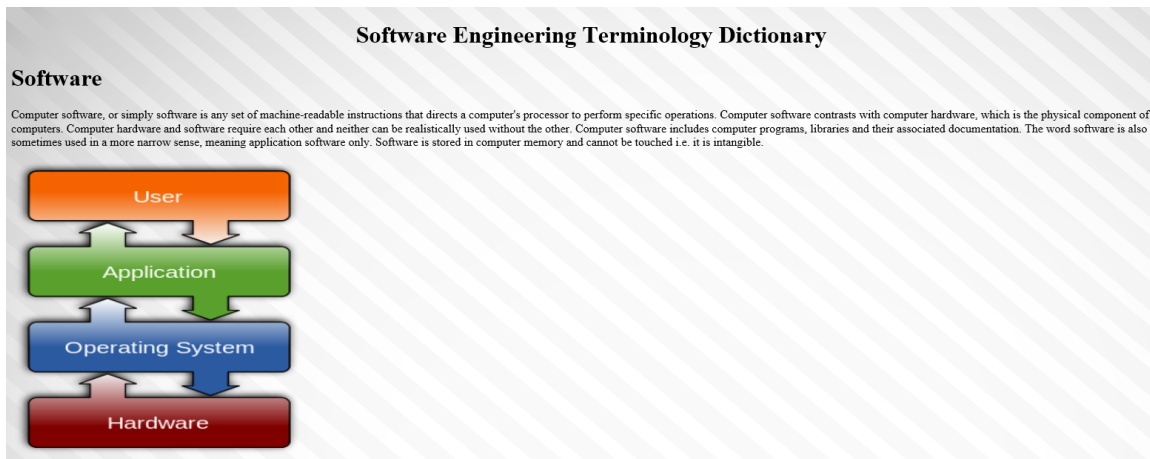


Figure 6

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

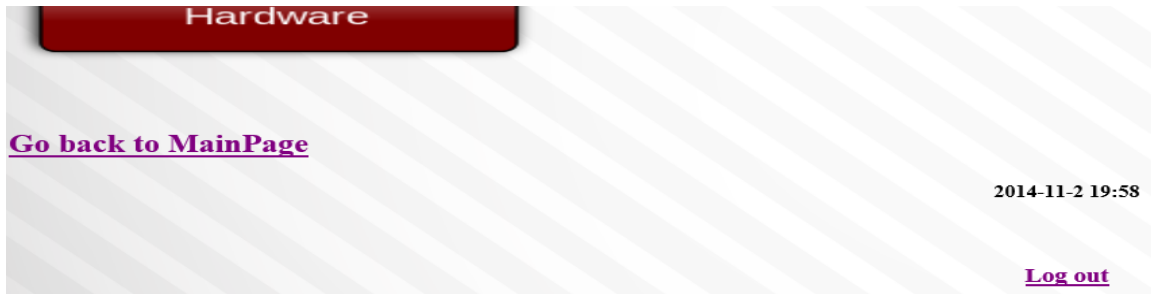


Figure 7

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).

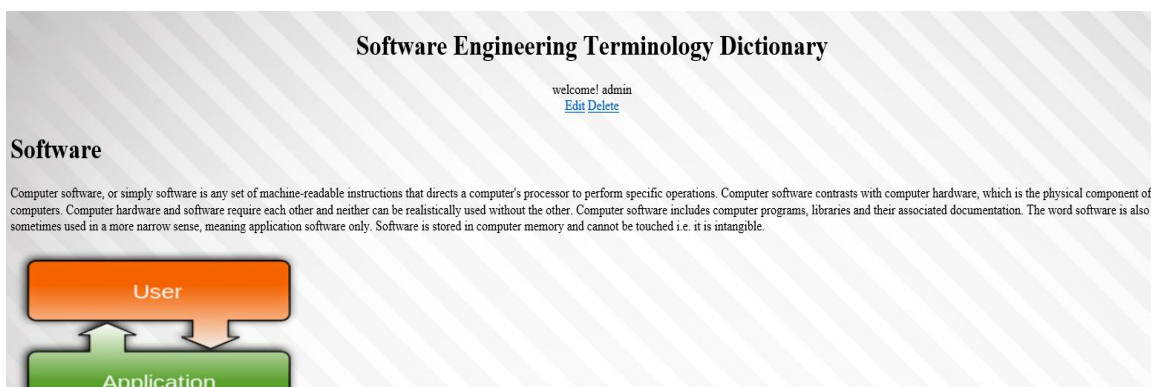


Figure 8

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).

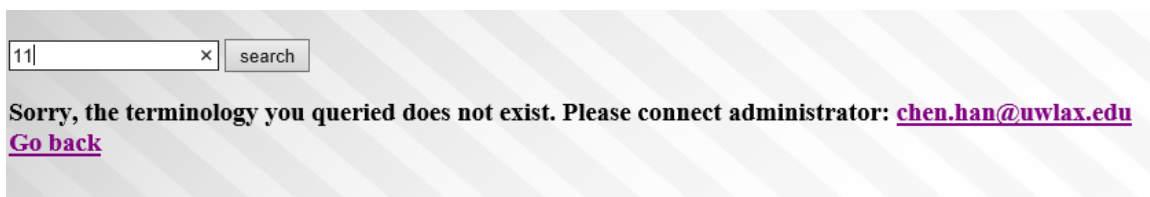
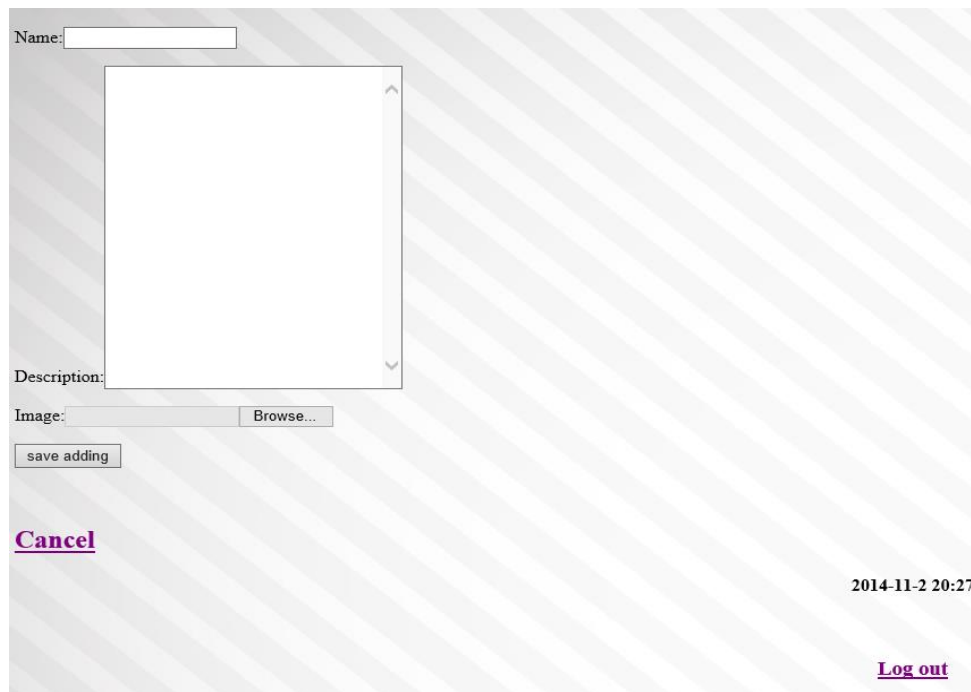


Figure 11

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,

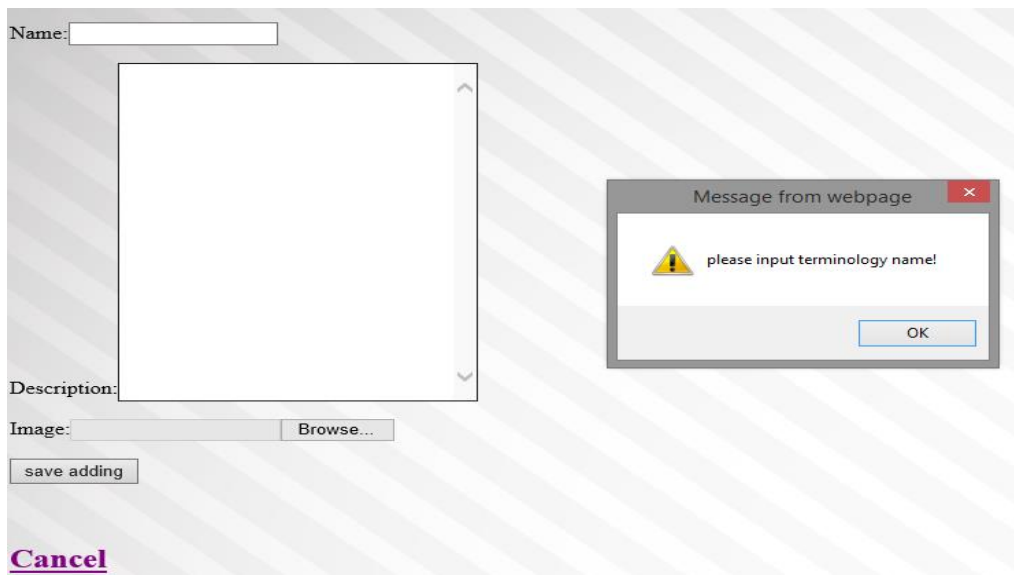
terminology image file choosing browser, and a “save” button, to let administrator input information of new terminology and save the information to server. At the bottom there are two options called “Cancel” and “Log out” (shown in Figure 12).



The screenshot shows a web form on a light gray background with diagonal stripes. At the top left, there 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, there is a purple "Cancel" link. At the bottom right, there 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 message box overlaid on the right side. The alert message box has a title bar that says "Message from webpage" and a red close button. Inside the box, there is a yellow warning icon and the text "please input terminology name!". At the bottom of the box is an "OK" button. The form elements are partially obscured by the alert box.

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).

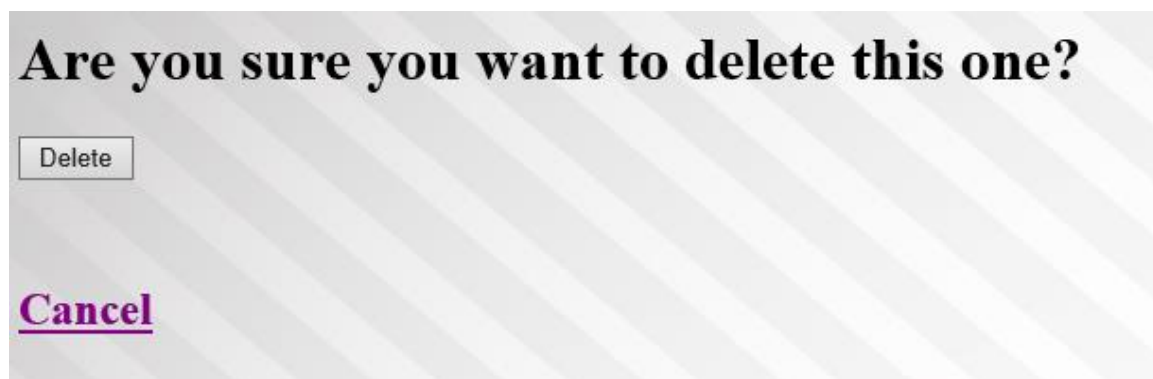


Figure 16

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). Notice that administrator cannot modify the name of terminology due to the terminology name is unique. If administrator wants to change the name that means the basic information of this terminology is totally wrong then he has to delete the terminology first and add a new terminology.

The screenshot shows a web interface for editing terminology. At the top, there is a 'Name:' field with the value 'Software'. Below it is a 'Description:' field containing two paragraphs of text about computer software. To the right of the description is a vertical scrollbar. Below the description is an 'Image:' field with a 'Browse...' button. At the bottom left is a 'save editing' button. On the right side of the page is a diagram showing the layers of a system: User (orange), Application (green), Operating System (blue), and Hardware (red), connected by double-headed arrows.

Figure 18

If editing succeeded, there will be a message page shown to notice administrator (shown in Figure 19) and go back to main page in 2 seconds.

Successfully Edited!

Figure 19

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.