

Software test of Personal Website

1 Introduction

The content of testing is mainly functional testing. According to the system application module, the system test is as follows:

1. **Language selection:** users could choose to visit the Chinese or English pages when they visit the login page.
2. **User login:** users enter the correct user name and password, then the system jumps to the personal homepage; enter the wrong user name and password, then the system prompts an error message.
3. **User registration:** users enter the information in the correct format, and the system prompts the successful registration; users enter the wrong format of the information, the system prompts the error message.
4. **Post:** users could post successfully by entering text and selecting pictures (selecting topics).
5. **Topic:** users could visit the topic page and choose the topics they would like to follow or unfollow. When the users visit the home page again, they could choose the topics they followed and unseen the topics they unfollowed.
6. **People:** users could visit the people page and choose the people they would like to follow or unfollow. When the users visit the follower page, they could choose the people they followed and unseen the people they unfollowed.
7. **Comments:** users could click "view the details" button to view the posts and turn to the details page to make comments.
8. **Hot Share:** users could access the Hot Share page and the system displays the posts from high to low based on the number of views
9. **Setting page:** users could modify their personal information by accessing the setting page.

2 Test result description

The system has basically reached the expected goal after testing, the following part is the description of the situation when several major modules are tested.

2.1 Language selection test:

The language selection test tests whether users could switch languages while accessing the system. Test whether Chinese and English languages can be switched arbitrarily. The test contents are shown in the following table:

Name of test project:	Personal Website
Test case number:	Case-001
Test case title:	Language selection test
Test contents:	After clicking "Chinese" or "English", whether the system jump to the page corresponding to the language.
Test times:	5
Expected results:	After clicking "Chinese" or "English", the system could jump to the page corresponding to the language.
Test result:	Test success

2.2 User login test:

The user login test is used to test the login status of users, whether the user name and password could be logged in if input wrong username and password. The user login test could verify that the login function is complete. The test contents are shown in the following table:

Name of test project:	Personal Website
Test case number:	Case-002
Test case title:	User login test
Test contents:	After filling in the registered account information, click "login" button to test whether the system could verify the user name and password and make the user log in successfully.
Test times:	5
Expected results:	The system could verify the user name and password and make the user log in successfully.
Test result:	Test success

2.3 User registration test:

The user registration test is used to test whether the user could successfully register, respectively test the user name, password, repeat password, in order to increase the stability and correctness of the registration function. The test contents are shown in the following table:

Name of test project:	Personal Website
Test case number:	Case-003
Test case title:	User registration test
Test contents:	After entering the information that conforms to the standard, click the "register" button to see whether the system could submit the text box to the database to obtain the information and enable the user to register successfully.
Test times:	5
Expected results:	The system could submit the text box to the database to obtain the information and enable the user to register successfully.
Test result:	Test success

2.4 Post test:

Post test is mainly used to test whether the system supports users to publish text and choose photos to publish photos, shows the topics users' followed, and add a topic tag on posts. The test contents are shown in the following table:

Name of test project:	Personal Website
Test case number:	Case-004
Test case title:	Post test
Test contents:	After the user enters the text, selects the photo, and selects the topic followed, whether the system could publish the post with the topic tag.
Test times:	5
Expected results:	The system could publish the post with the topic tag.
Test result:	Test success

2.5 Topic test:

Topic test is mainly used to test Whether the system support users to follow and unfollow topics. The test contents are shown in the following table:

Name of test project:	Personal Website
Test case number:	Case-005
Test case title:	Topic test
Test contents:	After the user visits the topic page, click the "follow" button/ "unfollow" button. Then the user visits the home page again, whether the system shows/cancels the "follow" topic.
Test times:	5
Expected results:	The system shows/cancels the "follow" topic.
Test result:	Test success

2.6 People test:

People test is mainly used to test Whether the system support users to follow and unfollow people. The test contents are shown in the following table:

Name of test project:	Personal Website
Test case number:	Case-006
Test case title:	People test
Test contents:	After the user visits the people page, click the "follow" button/ "unfollow" button. Then the user visits the follower page again, whether the system shows/cancels the "follow" people.
Test times:	5
Expected results:	The system shows/cancels the "follow" people.
Test result:	Test success

2.7 Comment test:

Comment test is mainly used to test Whether the system support users to comment the posts. The test contents are shown in the following table:

Name of test project:	Personal Website
Test case number:	Case-007
Test case title:	Comment test
Test contents:	After the user accesses the view details page, fill in the text box, whether the system could save the input content to the database and display.
Test times:	5
Expected results:	The system could save the input content to the database and display.
Test result:	Test success

2.8 Hot Share test:

Hot Share test is mainly used to test Whether the system support to display the posts from high to low based on the number of views. The test contents are shown in the following table:

Name of test project:	Personal Website
Test case number:	Case-008
Test case title:	Hot Share test
Test contents:	After the user accesses the Hot Share page, whether the system could display the posts from high to low based on the number of views.
Test times:	5
Expected results:	The system could display the posts from high to low based on the number of views.
Test result:	Test success

2.9 Setting test:

Setting test is mainly used to test Whether the system support to modify user information. The test contents are shown in the following table:

Name of test project:	Personal Website
Test case number:	Case-009
Test case title:	Setting test
Test contents:	After the user accesses the setting page, user inputs the information they would like to modify, whether the system save the information into database and display it.
Test times:	5
Expected results:	The system could save the information into database and display it.
Test result:	Test success