

**User Acceptance Testing Report**

Charity Second-hand Online Store

**Revised records**

|  |  |  |  |
| --- | --- | --- | --- |
| **Update Date** | **Version** | **Description** | **Name** |
| 25th May 2020 | V1.0 | User acceptance testing report | Guozhi Yin (Michael) |
|  |  |  |  |
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# **1. Overview**

## 1.1 Testing purpose

The user acceptance test is the last quality inspection activity that the user carries out before the software product is put into practice after the software development. It has to answer the question of whether the developed software product meets the expected requirements and whether the user can accept it. Acceptance testing is a rigorous formal testing activity, since it is not just a matter of checking one aspect of the software for quality, but of conducting a comprehensive quality inspection and determining whether the software is up to standard.

**1.2 Testing schedule**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **User Acceptance Testing** | **Duration** | **Start time** | **End time** | **Name** |
| Prepare the testing environment | 1 day | Thu 21/05/2020 | Thu 21/05/2020 | Client, Cong, Michael |
| Prepare test cases | 1 day | Fri 15/05/2020 | Fri 15/05/2020 | Michael |
| Perform acceptance testing | 1 day | Fri 22/05/2020 | Fri 22/05/2020 | Client |
| Fix problems | 1 day | Mon 25/05/2020 | Mon 25/05/2020 | Cong |
| Confirmed the problem has been fixed | 4 hours | Tue 26/05/2020 | Tue 26/05/2020 | Client |
| Write the acceptance testing report | 4 hours | Tue 26/05/2020 | Tue 26/05/2020 | Michael prepare, and client confirmation |

## 1.3 Testing scope

According to the specification of system analysis and design and requirement document, the modules and functions involved in this test are as follows:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No.** | **Model** | **Model** | **Functional point** | **Description** |
| 1.1 | User | Goods display | Main page goods display | Display the 12 goods which are the closest to the close time |
| 1.2 | Goods display by category | Show the goods by category. In this system, it splits into 5 categories, such as toy, kitchen, tools, decoration and clothes. |
| 1.3 | View the detail of the goods. | Display the product details in the web page which include the title ,initial price, current price, the picture, the description of goods , close date and bid history |
| 2.1 | User management | Login | User input user name and password to login to the website. If the user did not login, the user only can browse the goods， but do not allow to bid. |
| 2.2 | Logout | User can logout at any time, if users do not do anything than 30 minutes. The system will logout automatically |
| 2.3 | Register | User can register an account by inputting some personal information |
| 2.4 | Password recover | User can find password by personal mobile number and email information |
| 2.5 | View the personal information | Show the user's personal information in the page. |
| 2.6 | Edit the personal information | User can update their personal information, but the user name could not be updated. |
| 3.1 | Auction | Auction | The bids price must higher than the current price. The auction time must be earlier than the close date. |
| 3.2 | ~~Donation~~ | ~~This function has been deleted.~~ |
| 4.1 | Order management | View the order | After the user login , user can check their order which they win. |
| 4.2 | Make appointments | Booking for pick up |
| 5.1 | Cart | Add items into the cart | Put items into the cart so that can find them any time. |
| 5.2 | View the cart. | Show the state of items which is in the user's cart. |
| 5.3 | Delete items form cart | Delete items from the cart |
| 6.1 | About us | About us | Show the introduction of the online store. |
| 7.1 | Contact us | Contact us | Shows the information of the shop. It includes address, website, contact phone number. |
| 8.1 | Admin | Goods management | Display product list | In the model, the system displays all of the goods in the system. |
| 8.2 | Add a new commodity | Administrator can add new goods for auction |
| 8.3 | Edit commodity | Administrator can modify goods information |
| 8.4 | Delete commodity | Administrator can set goods status |
| 9.1 | User management | Display user list | Display user's list |
| 9.2 | Change user's state | Enable or disable user's status |
| 9.3 | Change admin's state | Change admin's status |
| 10.1 | Order management | Display order list | Display order list |
| 10.2 | Change order status | When the user pick up, the admin change the order state to finish. |
| 11.1 | System | Generate orders | Generate orders | Create orders for the successful auction |

## 1.4 Testing environment

|  |
| --- |
| **Software** |
| Windows 10 x64 |
| MySQL V5.1 |
| JDK14 |
| Tomcat 9.0 |
|  |
| **Hardware** |
| ThinkPad T440: CUP-i3-3200 RAM-8G HD-256G SSD |
|  |
|  |

# **2. Analysis of Testing Results**

## 2.1 Analysis of testing problem

【**Testing case Statistics**】

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Date | Total number of testing cases | The total number of cases found | Total number of cases resolved | Total number of cases with legacy issues | General Error rate (number of cases found/total number of cases) | Serious Error rate (number of cases found/total number of cases) |
| 22th May 2020 | 19 | 1 | 1 | 0 | 5% | 0% |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

【**Issue category statistics**】

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Requirement unfulfilled | Function failure | Data loss | Abnormal display | Abnormal performance | Poor user friendliness | The message is incorrect | The total number of issues | Number of remaining problems |
| 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 |

## 2.2 Problem analysis

As can be seen from the figure above, functional failures and exceptions were displayed only once and returned to normal after repair. All the functions of the system meet the client’s demand, no data loss problem, no abnormal information and display problem.

## 2.2 Description of remaining problems

|  |  |  |  |
| --- | --- | --- | --- |
| No. | Issue description | The advice from the project team | Decision |
| None | None | None | None |
|  |  |  |  |
|  |  |  |  |

# **3.** **Overall evaluation**

Thanks for the hard work of the project team in this period of time. Although there were changes in personnel and requirements during the process, the final delivery schedule was not affected. The user acceptance test result of the system is successful and the system can go live.