

**System Testing Case**

Charity Second-hand Online Store

**Revised records**

|  |  |  |  |
| --- | --- | --- | --- |
| **Update Date** | **Version** | **Description** | **Name** |
| 12th April 2020 | V1.0 | Initial system testing case | Michael Yin |
| 15th May 2020 | V1.1 | Updated some details | Michael Yin |
|  |  |  |  |

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# **Overview**

During the product planning and design phase, test plan and test case are designed. The project team is familiar with each module and each business process of the product from the requirements document, prototype diagram and other relevant documents. In the process of writing use cases, I will fully consider the details of the product requirements, which are unreasonable, contradictory and unclear. The whole process is a deep understanding of the requirements.

The writing of testing case is to translate the product requirements into an actionable step, which can be used as a standard for testing in the future. Without this standard, the testing process of the project team will be unplanned and aimless. Product quality cannot be guaranteed.

It is essential to prepare test data according to the test case plan. In addition to normal data, project team must design large amounts of error data based on test cases

In the test phase, the tester starts the test according to the description of the test case, and marks the completion of each use case. By this way, the tester can know what have been done and avoid random testing without a purpose. And through the number of test case, roughly understand the testing progress of this module.

Test cases can be used to measure the quality of testing. The integrity and coverage of test cases can affect the quality of project testing. Therefore, writing test cases is an important step in the testing process, and any abnormal test points should be covered as much as possible when writing test cases.

# **Testing Cases**

## 2.1 Main page

|  |  |  |
| --- | --- | --- |
| Case Name | Main page | |
| Case Number | CN\_001 | |
| Description | The function of the main page includes goods information, goods categories, search box and other details. | |
| Data Preparation | An existing account | |
| Testing purpose | To verify the display of the main page, including colour, text, goods information, photo.  Testing the function of the search. | |
| Operation number | Operation description | Testing data |
| 1 | Open the website by browser | None |
| 2 | Non-login status | None |
| 3 | Login status | Account name: aa Password:123456 |
| 4 | Searching goods | Toys |
| Testing result | Failed | |
| Problem description | The first letter should be capitalized 1. login and register 2. search field 3. current price 4. closes time format 5. all categories of main page 6. The text of the bottom should be the same colour  The function of the search is successful. | |
| Testing date | 19th May 2020 | |
| Tester | Michael Yin | |
| The second test result | Pass | |
| Problem description | None | |
| Testing date | 21th May 2020 | |
| Tester | Michael Yin | |

## 2.2 Contact us

|  |  |  |
| --- | --- | --- |
| Case Name | Contact us | |
| Case Number | CN\_002 | |
| Description | The function is to introduce the website. It should include map and text. | |
| Data Preparation | None | |
| Testing purpose | To verify the display of the contact us page, including text and map. | |
| Operation number | Operation description | Testing data |
| 1 | Open the website by browser | None |
| 2 | Non-login status | None |
| 3 | Login status | Account name: aa Password:123456 |
| Testing result | Pass | |
| Problem description | None | |
| Testing date | 19th May 2020 | |
| Tester | Michael Yin | |
| The second test result | Pass | |
| Problem description | None | |
| Testing date | 21th May 2020 | |
| Tester | Michael Yin | |

## 2.3 About us

|  |  |  |
| --- | --- | --- |
| Case Name | About us | |
| Case Number | CN\_003 | |
| Description | The function is to introduce the website. It should include picture and text. | |
| Data Preparation | An existing account | |
| Testing purpose | To verify the display of the about us page, including text and picture. | |
| Operation number | Operation description | Testing data |
| 1 | Open the website by browser | None |
| 2 | Non-login status | None |
| 3 | Login status | Account name: aa Password:123456 |
| Testing result | Pass | |
| Problem description | None | |
| Testing date | 19th May 2020 | |
| Tester | Michael Yin | |
| The second test result | Pass | |
| Problem description | None | |
| Testing date | 21th May 2020 | |
| Tester | Michael Yin | |

## 2.4 Registration

|  |  |  |
| --- | --- | --- |
| Case Name | Registration | |
| Case Number | CN\_004 | |
| Description | The function of the registration is to create a new account for user. | |
| Data Preparation | An existing account & a new account | |
| Testing purpose | By using an existing account and a new account to verify if the function is successful. By using different passwords to verify if it has an error message. | |
| Operation number | Operation description | Testing data |
| 1 | Using an existing account | Account name: aa Mobile :02111882330 Email: 3782322@qq.com |
| 2 | Using a new account | Account name: Michael Mobile :02111882332 Email: 37812322@qq.com |
| 3 | Use different password to register | Password 1: 123456 Password 2: 1234 |
| Testing result | Failed | |
| Problem description | Using different password to register, the text of the error message is not right. | |
| Testing date | 20th May 2020 | |
| Tester | Michael Yin | |
| The second test result | Pass | |
| Problem description | None | |
| Testing date | 22th May 2020 | |
| Tester | Michael Yin | |

## 2.5 Login

|  |  |  |
| --- | --- | --- |
| Case Name | Login | |
| Case Number | CN\_005 | |
| Description | The function of the login is to login the website by using an existing account. | |
| Data Preparation | An existing account & a new account | |
| Testing purpose | By using an existing account and a new account to verify if the function is successful. By using wrong password to verify if it has an error message. | |
| Operation number | Operation description | Testing data |
| 1 | Using right account information | Account name: aa Password:123456 |
| 2 | Using wrong account information | Account name: abc Password:123 |
| 3 | Using wrong password | Account name: aa Password:123 |
| Testing result | Pass | |
| Problem description | None | |
| Testing date | 20th May 2020 | |
| Tester | Michael Yin | |
| The second test result | Pass | |
| Problem description | None | |
| Testing date | 22th May 2020 | |
| Tester | Michael Yin | |

## 2.6 Logout

|  |  |  |
| --- | --- | --- |
| Case Name | Logout | |
| Case Number | CN\_006 | |
| Description | The function of the logout is to logout the website by using an existing account. | |
| Data Preparation | An existing account | |
| Testing purpose | By using an existing account to verify if the function is successful. | |
| Operation number | Operation description | Testing data |
| 1 | Using an existing account information | Account name: aa Password:123456 |
| 2 |  |  |
| 3 |  |  |
| Testing result | Pass | |
| Problem description | None | |
| Testing date | 20th May 2020 | |
| Tester | Michael Yin | |
| The second test result | Pass | |
| Problem description | None | |
| Testing date | 22th May 2020 | |
| Tester | Michael Yin | |

## 2.7 Password recover

|  |  |  |
| --- | --- | --- |
| Case Name | Password recover | |
| Case Number | CN\_007 | |
| Description | The function is to change a new password when a user forgot his/her password. It will verify user’s mobile number and email information. | |
| Data Preparation | An existing account | |
| Testing purpose | To verify if the function is successful by using user’s mobile number and email information. | |
| Operation number | Operation description | Testing data |
| 1 | Using right mobile and email information | Account name: aa Mobile :02111882330 Email: 3782322@qq.com |
| 2 | Using wrong mobile and email information | Account name: Michael Mobile :0210000000 Email: 378@qq.com |
| 3 | Using wrong account information | Account name: abc Mobile :02111882330 Email: 3782322@qq.com |
| Testing result | Failed | |
| Problem description | By using right mobile information and wrong email, no error message prompted. | |
| Testing date | 20th May 2020 | |
| Tester | Michael Yin | |
| The second test result | Pass | |
| Problem description | None | |
| Testing date | 22th May 2020 | |
| Tester | Michael Yin | |

## 2.8 Personal information

|  |  |  |
| --- | --- | --- |
| Case Name | Personal information | |
| Case Number | CN\_008 | |
| Description | The function of the personal information can display the details of personal information and support user to modify them. | |
| Data Preparation | An existing account | |
| Testing purpose | To verify the display of the function and if user can modify his/her personal information successfully by using normal user account or admin account.. | |
| Operation number | Operation description | Testing data |
| 1 | Normal user account | Account name: aa Password:123456 |
| 2 | Admin account | Account name: admin Password:123456 |
| 3 | Modify personal information | Account name: aa Password:123456  Account name: admin Password:123456 |
| Testing result | Pass | |
| Problem description | None | |
| Testing date | 20th May 2020 | |
| Tester | Michael Yin | |
| The second test result | Pass | |
| Problem description | None | |
| Testing date | 22th May 2020 | |
| Tester | Michael Yin | |

## 2.9 Auction

|  |  |  |
| --- | --- | --- |
| Case Name | Auction | |
| Case Number | CN\_009 | |
| Description | The function of auction supports users to bid goods and view the bid history. | |
| Data Preparation | An existing account | |
| Testing purpose | To verify the display of the auction function, including time, bid history, bid price.  To verify if it is failed when the bid price is less than current price. | |
| Operation number | Operation description | Testing data |
| 1 | Login status | Account name: aa Password:123456 |
| 2 | Input price | $11 less than current  $13 more than current |
| 3 | Auction closed | $13 won the auction |
| Testing result | Failed | |
| Problem description | The auction end time is abnormal | |
| Testing date | 20th May 2020 | |
| Tester | Michael Yin | |
| The second test result | Pass | |
| Problem description | None | |
| Testing date | 22th May 2020 | |
| Tester | Michael Yin | |

## 2.10 Make appointments

|  |  |  |
| --- | --- | --- |
| Case Name | Make appointments | |
| Case Number | CN\_010 | |
| Description | The function is to support user to make an appointment and pick up the goods in the store. The transaction will be closed. | |
| Data Preparation | A successful auction order | |
| Testing purpose | To verify if the function is successful, if administrator can see user’s appointments and if the order can be closed. | |
| Operation number | Operation description | Testing data |
| 1 | Auction success | Order ID:05190012020 |
| 2 | Input pick up information | Name: Michael  Time: 20th May 2020 |
| 3 | Close order | Account name: admin Password:123456 |
| Testing result | Pass | |
| Problem description | None | |
| Testing date | 21th May 2020 | |
| Tester | Michael Yin | |
| The second test result | Pass | |
| Problem description | None | |
| Testing date | 23th May 2020 | |
| Tester | Michael Yin | |

## 2.11 Goods management

|  |  |  |
| --- | --- | --- |
| Case Name | Goods management | |
| Case Number | CN\_011 | |
| Description | The function is to support administrator to manage goods, including uploading, modification and deleting. | |
| Data Preparation | Administrator account | |
| Testing purpose | To verify the display of the function.  To verify if these operations are successful, including uploading, modification and deleting. | |
| Operation number | Operation description | Testing data |
| 1 | Uploading | Goods ID:20200519001 |
| 2 | Modification | Goods ID:20200519001 |
| 3 | Deleting | Goods ID:20200519001 |
| Testing result | Pass | |
| Problem description | None | |
| Testing date | 21th May 2020 | |
| Tester | Michael Yin | |
| The second test result | Pass | |
| Problem description | None | |
| Testing date | 23th May 2020 | |
| Tester | Michael Yin | |

## 2.12 Shopping cart

|  |  |  |
| --- | --- | --- |
| Case Name | Shopping cart | |
| Case Number | CN\_012 | |
| Description | The function is to support users to add favourite goods into the cart. | |
| Data Preparation | An existing account | |
| Testing purpose | To verify the display of the function.  To verify if user can add goods into the cart successfully. | |
| Operation number | Operation description | Testing data |
| 1 | Login status | Account name: aa Password:123456 |
| 2 | Add goods | Goods ID:20200518001 |
| 3 | View the cart | Goods ID:20200518001 |
| Testing result | Pass | |
| Problem description | None | |
| Testing date | 21th May 2020 | |
| Tester | Michael Yin | |
| The second test result | Pass | |
| Problem description | None | |
| Testing date | 23th May 2020 | |
| Tester | Michael Yin | |

## 2.13 User management

|  |  |  |
| --- | --- | --- |
| Case Name | User management | |
| Case Number | CN\_013 | |
| Description | The function is to support administrator to manage user, including changing user’s status, changing administrator’s status and viewing user list. | |
| Data Preparation | An administrator account | |
| Testing purpose | To verify the display of the function.  To verify if administrator can change user’s status successfully. | |
| Operation number | Operation description | Testing data |
| 1 | Login status | Account name: admin Password:123456 |
| 2 | Enable or disable user’s status | Account name: aa Password:123456 |
| 3 | Enable or disable administrator’s status | Account name: michael Password:123456 |
| Testing result | Pass | |
| Problem description | None | |
| Testing date | 21th May 2020 | |
| Tester | Michael Yin | |
| The second test result | Pass | |
| Problem description | None | |
| Testing date | 23th May 2020 | |
| Tester | Michael Yin | |

## 2.14 Order management

|  |  |  |
| --- | --- | --- |
| Case Name | Order management | |
| Case Number | CN\_014 | |
| Description | The function is to support administrator to manage order, including setting order’s status and viewing order list. | |
| Data Preparation | An administrator account | |
| Testing purpose | To verify the display of the function.  To verify if administrator can change order’s status successfully after the pickup. | |
| Operation number | Operation description | Testing data |
| 1 | Login status | Account name: admin Password:123456 |
| 2 | Enable or disable user’s status | Account name: aa |
| 3 | Enable or disable administrator’s status | Account name: Michael |
| Testing result | Pass | |
| Problem description | None | |
| Testing date | 21th May 2020 | |
| Tester | Michael Yin | |
| The second test result | Pass | |
| Problem description | None | |
| Testing date | 23th May 2020 | |
| Tester | Michael Yin | |