**MOOLI ORDERING SYSTEM**

**Testing Plan & Report**

**Version 1**

**2020-5-25**

**Computer Science and Technology Program**

**United International College**

1. Document Change Log

|  |  |  |  |
| --- | --- | --- | --- |
| ***Change Date*** | ***Changed By*** | ***Version*** | ***Change Description*** |
| *2020/05/25* |  | *1* | *Finish the report* |
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1. Testing Plan

## Overview of the Testing Plan

This test report is a test for the Mooli. The purpose of this test report is to summarize the tests during the test phase and analyze the test results and describe whether the system meets the requirements. And check whether the system runs as we wanted. Some details will be noticed as well.

## Testing Methods

We will use the following test methods to test the user interface, functionality, permissions, and exception handling of the system.

### UI and Hyperlink Test

UI and hyperlink tests will test the user interface. It will include navigation tests, content tests, and page breaks.

### Functional Test

Functional testing will test whether all functions can achieve the desired effect, and whether the system can operate normally during operation

### User permission validation Test

Different identities will have different permissions. We will test the user's identity and the functionality he can use.

### Exception Handing Test

When some user error occurs, the system should also make corresponding processing and response.

1. Testing Report

## Overview of the Testing

### UI and Hyperlink Test

Home(staff):

|  |  |  |  |
| --- | --- | --- | --- |
| Step | Behavior | Expected Outcome | Results |
| 1 | Click Home button | Turn to the home page | PASS |
| 2 | Click Orders button | Turn to the Orders page | PASS |
| 3 | Click Products button | Turn to the Products page | PASS |
| 4 | Click Categories button | Turn to the Categories page | PASS |
| 5 | Click Coupons button | Turn to the Coupons page | PASS |
| 6 | Click Redeem Cards button | Turn to the Redeem Cards page | PASS |
| 7 | Click Staff button | Turn to the Staff page | PASS |

Log-in:

|  |  |  |  |
| --- | --- | --- | --- |
| Step | Behavior | Expected Outcome | Results |
| 1 | Input the correct username and password | N/A | N/A |
| 2 | Click the sign in button | Log in successfully and enter the home | PASS |

Home:

|  |  |  |  |
| --- | --- | --- | --- |
| Step | Behavior | Expected Outcome | Results |
| 1 | Click the Categories of milk tea | Turn to specified page | PASS |
| 2 | Click product column | Turn to the page with detail message of corresponding product | PASS |

Me:

|  |  |  |  |
| --- | --- | --- | --- |
| Step | Behavior | Expected Outcome | Results |
| 1 | Click Redeem button | Turn to the redeem page | PASS |
| 2 | Click Account info button | Turn to the personal information page | PASS |
| 3 | Click About button | Appear the pop-out window with copyright message | PASS |

Account:

|  |  |  |  |
| --- | --- | --- | --- |
| Step | Behavior | Expected Outcome | Results |
| 1 | Click Change Avatar button | Turn to the page to upload avatar | PASS |
| 2 | Click Change password button | Turn to the page to change password | PASS |

### Functional Test

### User

|  |  |  |  |
| --- | --- | --- | --- |
| **#** | **Function** | Expected Outcome | **Results** |
| 1 | Log In | N/A | N/A |
| 2 | Sign Up | N/A | N/A |
| 3 | Add/Delete the product in the cart | Add/Delete products successfully | PASS |
| 4 | Change the amount of the product in the cart | Amount changed successfully | PASS |
| 5 | Place orders | Order placed successfully | PASS |
| 6 | Modify personal information | Information changed successfully | PASS |
| 7 | Modify the password of the personal account | Password changed successfully | PASS |
| 8 | Change the avatar | Avatar changed successfully | PASS |
| 9 | Use a redeem card to deposit the account | Deposited successfully | PASS |
| 10 | Use a coupon when paid for the order | Used successfully | PASS |
| 11 | Log out | Log out successfully | PASS |

### Staff

|  |  |  |  |
| --- | --- | --- | --- |
| **#** | **Function** | Expected Outcome | **Results** |
| 1 | Log In | N/A | N/A |
| 2 | Add/Delete a staff | Add/Delete successfully | PASS |
| 3 | Modify the information of the staff | Information changed successfully | PASS |
| 4 | Cancel/Accept the order from customers | Cancel/Accept successfully | PASS |
| 5 | Finish the order | Order finished successfully | PASS |
| 6 | Add/Delete a product | Add/Delete successfully | PASS |
| 7 | Modify the product information | Changed successfully | PASS |
| 8 | Update the picture of the product | Picture updated successfully | PASS |
| 9 | Add/Delete the categories | Add/Delete successfully | PASS |
| 10 | Modify the detail of the category | Changed successfully | PASS |
| 11 | Add/Delete the coupon | Add/Delete successfully | PASS |
| 12 | Modify the coupon | Changed successfully | PASS |
| 13 | Add/Delete the redeem card | Add/Delete successfully | PASS |

### User permission validation Test

|  |  |  |  |
| --- | --- | --- | --- |
| **Super Admin** | | | |
| **#** | **Function** | **Permission** | **Results** |
| 1 | Log In | Allowed | PASS |
| 2 | Add/Delete a staff | Allowed | PASS |
| 3 | Modify the information of the staff | Allowed | PASS |
| 4 | Cancel/Accept the order from customers | Allowed | PASS |
| 5 | Finish the order | Allowed | PASS |
| 6 | Add/Delete a product | Allowed | PASS |
| 7 | Modify the product information | Allowed | PASS |
| 8 | Update the picture of the product | Allowed | PASS |
| 9 | Add/Delete the categories | Allowed | PASS |
| 10 | Modify the detail of the category | Allowed | PASS |
| 11 | Add/Delete the coupon | Allowed | PASS |
| 12 | Modify the coupon | Allowed | PASS |
| 13 | Add/Delete the redeem card | Allowed | PASS |
| **Shop Manager** | | | |
| **#** | **Function** | **Permission** | **Results** |
| 1 | Log In | Allowed | PASS |
| 2 | Add/Delete a staff | Not allowed | PASS |
| 3 | Modify the information of the staff | Not allowed | PASS |
| 4 | Cancel/Accept the order from customers | Allowed | PASS |
| 5 | Finish the order | Allowed | PASS |
| 6 | Add/Delete a product | Allowed | PASS |
| 7 | Modify the product information | Allowed | PASS |
| 8 | Update the picture of the product | Allowed | PASS |
| 9 | Add/Delete the categories | Allowed | PASS |
| 10 | Modify the detail of the category | Allowed | PASS |
| 11 | Add/Delete the coupon | Allowed | PASS |
| 12 | Modify the coupon | Allowed | PASS |
| 13 | Add/Delete the redeem card | Allowed | PASS |
| **Product Manager** | | | |
| **#** | **Function** | **Permission** | **Results** |
| 1 | Log In | Allowed | PASS |
| 2 | Add/Delete a staff | Not allowed | PASS |
| 3 | Modify the information of the staff | Not allowed | PASS |
| 4 | Cancel/Accept the order from customers | Not allowed | PASS |
| 5 | Finish the order | Not allowed | PASS |
| 6 | Add/Delete a product | Allowed | PASS |
| 7 | Modify the product information | Allowed | PASS |
| 8 | Update the picture of the product | Allowed | PASS |
| 9 | Add/Delete the categories | Allowed | PASS |
| 10 | Modify the detail of the category | Allowed | PASS |
| 11 | Add/Delete the coupon | Not allowed | PASS |
| 12 | Modify the coupon | Not allowed | PASS |
| 13 | Add/Delete the redeem card | Not allowed | PASS |
| **Financial Manager** | | | |
| **#** | **Function** | **Permission** | **Results** |
| 1 | Log In | Allowed | PASS |
| 2 | Add/Delete a staff | Not allowed | PASS |
| 3 | Modify the information of the staff | Not allowed | PASS |
| 4 | Cancel/Accept the order from customers | Not allowed | PASS |
| 5 | Finish the order | Not allowed | PASS |
| 6 | Add/Delete a product | Not allowed | PASS |
| 7 | Modify the product information | Not allowed | PASS |
| 8 | Update the picture of the product | Not allowed | PASS |
| 9 | Add/Delete the categories | Not allowed | PASS |
| 10 | Modify the detail of the category | Not allowed | PASS |
| 11 | Add/Delete the coupon | Allowed | PASS |
| 12 | Modify the coupon | Allowed | PASS |
| 13 | Add/Delete the redeem card | Allowed | PASS |
| **Cook** | | | |
| **#** | **Function** | **Permission** | **Results** |
| 1 | Log In | Allowed | PASS |
| 2 | Add/Delete a staff | Not allowed | PASS |
| 3 | Modify the information of the staff | Not allowed | PASS |
| 4 | Cancel/Accept the order from customers | Allowed | PASS |
| 5 | Finish the order | Allowed | PASS |
| 6 | Add/Delete a product | Not allowed | PASS |
| 7 | Modify the product information | Not allowed | PASS |
| 8 | Update the picture of the product | Not allowed | PASS |
| 9 | Add/Delete the categories | Not allowed | PASS |
| 10 | Modify the detail of the category | Not allowed | PASS |
| 11 | Add/Delete the coupon | Not allowed | PASS |
| 12 | Modify the coupon | Not allowed | PASS |
| 13 | Add/Delete the redeem card | Not allowed | PASS |
| **User** | | | |
| **#** | **Function** | **Permission** | **Results** |
| 1 | Log In | Allowed | PASS |
| 2 | Sign Up | Allowed | PASS |
| 3 | Add/Delete the product in the cart | Allowed | PASS |
| 4 | Change the amount of the product in the cart | Allowed | PASS |
| 5 | Place orders | Allowed | PASS |
| 6 | Modify personal information | Allowed | PASS |
| 7 | Modify the password of the personal account | Allowed | PASS |
| 8 | Change the avatar | Allowed | PASS |
| 9 | Use a redeem card to deposit the account | Allowed | PASS |
| 10 | Use a coupon when paid for the order | Allowed | PASS |
| 11 | Log out | Allowed | PASS |

### Exception Handing Test

|  |  |  |  |
| --- | --- | --- | --- |
| # | Exception details | Expected behavior | Results |
| 1 | In staff page, Type wrong username | The page refresh | PASS |
| 2 | In staff page, Type wrong password | Show an error message | PASS |

## Error Report

Errors are not found newly.

1. Contributions

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Student ID | Name (in Pinyin/Chinese) | Contribution (in %) | Responsibilities/Work Done | Remarks |
|  |  |  | 70% backend, 10% frontend |  |
|  |  |  | Test, 30% frontend, 10% backend |  |
|  |  |  | Test, 30% frontend, 10% backend |  |
|  |  |  | DB, 30% frontend, 10% backend |  |