TEST PLAN

XIOAMI SHOPPING CART SYSTEM

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| VERSION: 1 | REVISION DATE: 06/04/2019 |

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| **Approver Name** | **Title** | **Signature** | **Date** |
| ASMA BINTI IBRAHIM | WELCOME TO XIOAMI SHOPPING CART SYSTEM |  |  |

1. **INTRODUCTION**

This documentation is to detailing the objective, scope, resources, constraints and processes of the test plan regarding the XIOAMI SHOPPING CART SYSTEM.

* 1. **TEST OBJECTIVES**

The objectives of the testing is to ensure that XIOAMI SHOPPING CART SYSTEM is meets its design specification and user requirement. It is also to proves that all the calculation and functions in the system is works successfully.

* 1. **TESTING SCOPE**

All the calculation and input from users in the XIOAMI SHOPPING CART SYSTEM is tested in this test plan. The calculation is Calculation for total price, Calculation for subtotal and Calculation for Payment. Input for Main Menu, Product Category and Product Code also will be tested.

* 1. . **MAJOR CONSTRAINTS**

None

**2.0 TEST PROCEDURE**

**2.1 PROGRAM TO BE TESTED**

This program tested will be answered in 2.2.

**2.2 TEST CASES**

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| --- | --- | --- | --- | --- | --- | --- |
| **Test case** | **Test data** | | **Expected Result** | **Actual Result** | **Pass / Fail** | **Remarks** |
| Input in Main Menu | Valid | Enter your choice: A | Products Category will be displayed | Products Category is displayed | Pass | The system displays correct product category and correct error message |
| Invalid | Enter your choice: L | Error message “INVALID CHOICE” will display. Main Menu will be displayed | Error message “INVALID CHOICE” is displayed. Main Menu is displayed | Pass |
| Input in Product Category for Code A | Valid | Category Code: A | List of Product in Category A which is Mi Phones will be displayed | List of Product in Category A which is Mi Phones is displayed | Pass | The system displays correct List of product and correct error message |
| Invalid | Category Code: 7 | Error message “INVALID CHOICE!!!” will be displayed. | Error message “INVALID CHOICE” is displayed. | Pass |
| Input in List of Products in Category A | Valid | Product Code: 1000 | System will prompt user to enter quantity of Product “PLEASE ENTER QUANTITY” | System is prompting user to enter quantity of Product “PLEASE ENTER QUANTITY” | Pass | The system prompt correct question and display correct error message. |
| Invalid | Product Code: 1111 | Error message “INVALID CHOICE!!!” will be displayed. | Error message “INVALID CHOICE” is displayed. | Pass |
| Input in Product Category for Code B | Valid | Category Code: B | List of Product in Category B which is Smart Devices will be displayed | List of Product in Category A which is Smart Devices is displayed | Pass | The system displays correct List of product and correct error message |
| Invalid | Category Code: 8 | Error message “INVALID CHOICE!!!” will be displayed. | Error message “INVALID CHOICE” is displayed. | Pass |
| Input in List of Products in Category B | Valid | Product Code: 2000 | System will prompt user to enter quantity of Product “PLEASE ENTER QUANTITY” | System is prompting user to enter quantity of Product “PLEASE ENTER QUANTITY” | Pass | The system prompt correct question and display correct error message. |
| Invalid | Product Code: 2222 | Error message “INVALID CHOICE!!!” will be displayed. | Error message “INVALID CHOICE” is displayed. | Pass |
| Input in Product Category for Code C | Valid | Category Code: C | List of Product in Category C which is Audio will be displayed | List of Product in Category C which is Audio is displayed | Pass | The system displays correct List of product and correct error message |
| Invalid | Category Code: 7 | Error message “INVALID CHOICE!!!” will be displayed. | Error message “INVALID CHOICE” is displayed. | Pass |
| Input in List of Products in Category C | Valid | Product Code: 3000 | System will prompt user to enter quantity of Product “PLEASE ENTER QUANTITY” | System is prompting user to enter quantity of Product “PLEASE ENTER QUANTITY” | Pass | The system prompt correct question and display correct error message. |
| Invalid | Product Code: 3333 | Error message “INVALID CHOICE!!!” will be displayed. | Error message “INVALID CHOICE” is displayed. | Pass |
| Input for Update Quantity of Product | Valid | Item Code: 1000  Item Description: Pocophone  Price: 1199  Quantity: 1  New Quantity: 2 | System will update the quantity for the product | System update the quantity for the product | Pass | The system updated the quantity of product successfully |
| Invalid | Item Code: 444 | Error message “INVALID CODE!!!” will be displayed. | Error message “INVALID CODE!!!” is displayed. | Pass |
| Input for Search Product | Valid | Item Code: 1000 | The system will display the details of the product:  Item Description: Pocophone  Price: 1199  Quantity: 2 | The system displayed the details of the product:  Item Description: Pocophone  Price: 1199  Quantity: 2 | Pass | The system can search the product successfully and display the correct product’s details |
| Invalid | Item Code: 7899 | Error message “INVALID CODE!!!” will be displayed. | Error message “INVALID CODE!!!” is displayed. | Pass |
| Input for Remove Product from Shopping Cart | Valid | Item Code: 1000  Item Description: Pocophone  Price: 1199  Quantity: 1  Delete Item (Y/N): Y | The system will delete the product and its details. | The system deleted the product and its details. | Pass | The system can search the product successfully and delete the product and its details successfully |
| Invalid | Item Code: 1478 | Error message “INVALID CODE!!!” will be displayed. | Error message “INVALID CODE!!!” is displayed. | Pass |
| Calculation for Total Price | Valid | Product Code: 1000  Please enter quantity: 2 | The system will calculate and display the total price.  Total price: RM2398 | The system calculated and displayed the total price.  Total price: RM2398 | Pass | The system successfully calculated and displayed the correct total price. |
| Calculate Subtotal | Valid | Total Price of Product 1: 2398  Total Price of Product 2: 498  Total Price of Product 3: 80 | The system will calculate and display the subtotal.  Subtotal: 2976 | The system calculated and displayed the correct subtotal.  Subtotal: 2976 | Pass | The system successfully calculated and displayed the correct subtotal price. |
| Calculate Remaining of Payment | Valid | Subtotal: 2976  Payment: 3000 | The system will calculate and display the remaining of payment.  Change Due: RM24 | The system calculated and displayed the remaining of payment.  Change Due: RM24 | Pass | The system successfully calculated and displayed the correct remaining of payment. |

**3.0 TEST SCHEDULE**

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| --- | --- | --- | --- | --- | --- | --- |
| **Test case** | **Planned Start Date** | **Planned End Date** | **Duration** | **Actual Start Date** | **Actual End date** | **Actual Duration** |
| Input in Main Menu | 21/3/2019 | 21/3/2019 | 1 day | 24/3/2019 | 24/3/2019 | 1 day |
| Input in Product Category for Code A | 21/3/2019 | 21/3/2019 | 1 day | 24/3/2019 | 24/3/2019 | 1 day |
| Input in List of Products in Category A | 21/3/2019 | 21/3/2019 | 1 day | 24/3/2019 | 24/3/2019 | 1 day |
| Input in Product Category for Code B | 22/3/2019 | 22/3/2019 | 1 day | 25/3/2019 | 25/3/2019 | 1 day |
| Input in List of Products in Category B | 22/3/2019 | 22/3/2019 | 1 day | 25/3/2019 | 25/3/2019 | 1 day |
| Input in Product Category for Code C | 23/3/2019 | 23/3/2019 | 1 day | 26/3/2019 | 26/3/2019 | 1 day |
| Input in List of Products in Category C | 24/3/2019 | 24/3/2019 | 1 day | 27/3/2019 | 27/3/2019 | 1 day |
| Input for Update Quantity of Product | 25/3/2019 | 25/3/2019 | 1 day | 28/3/2019 | 28/3/2019 | 1 day |
| Input for Search Product | 26/3/2019 | 26/3/2019 | 1 day | 29/3/2019 | 29/3/2019 | 1 day |
| Input for Remove Product from Shopping Cart | 27/3/2019 | 27/3/2019 | 1 day | 30/3/2019 | 30/3/2019 | 1 day |
| Calculation for Total Price | 28/3/2019 | 28/3/2019 | 1 day | 31/3/2019 | 31/3/2019 | 1 day |
| Calculate Subtotal | 29/3/2019 | 29/3/2019 | 1 day | 1/4/2019 | 1/4/2019 | 1 day |
| Calculate Remaining of Payment | 30/3/2019 | 30/3/2019 | 1 day | 2/4/2019 | 2/4/2019 | 1 day |

**4.0 APPROVALS**

ASMA BINTI IBRAHIM Signature Date

(EVALUATOR) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_