# Integration Test Plan

## Objective

The objective of testing is to ensure that error of the application has been reduced. Similarly, this software Testing Document is to determine each kind of testing process of E-Shopping application. The developer team will design test case base on Software Requirement Specification document and Software Design Document.

## Scope

This Software Testing Document consists of records and results of testing for each function in E-Shopping application. This document will support verification and error detecting. Moreover, the content of this document is including testing schedule, testing processes, testing data, and testing result.

**IT-01 Register**

**Description:** Register to the system.

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| **Test case** | **Purpose** | **Test Description** | **Expected result** |
| 1 | The purpose of this test is to ensure that the user can register to be a member | 1. The user browses for the registration page.  2. The user supplies all the information in the page.  3. The system validates the format of the input data.  4. The system shows the successful registration. | Result: True  Event: After input the valid information to the register page. Then the system will go to user’s profile page. |

**IT-02 Login-Update information**

**Description:** Login to the system and edit the profile.

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| **Test case** | **Purpose** | **Test Description** | **Expected result** |
| 1 | The purpose of this test is to ensure that the user can login and update their information | 1. The user browse to the login page  2. The user supplies the username and password  3. The system validates the username and password  4. The system shows the picture on the top right.  5. The user can edit all the information in the page.  6. The system validates the format of the input data.  7. The system shows the successful edit. | Result: True  Event: After input the valid information to the login page. Then the system will go to user’s profile page. User allows to edit their profile. |

**IT-03 Login-Search the product**

**Description:** Login to the system and search the product.

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| **Test case** | **Purpose** | **Test Description** | **Expected result** |
| 1 | The purpose of this test is to ensure that the user can login and search the product. | 1. The user browse to the login page  2. The user supplies the username and password  3. The system validates the username and password  4. The system shows the picture on the top right.  5. The user type a product name in the blank for searching product.  6. The system browses the product by a name.  7. The system shows the product result. | Result: True  Event: After input the valid information to the login and searching for the product. Then the system shows the product result. |

**IT-04 Login-Add product to cart**

**Description:** Login to the system and add product to cart.

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| **Test case** | **Purpose** | **Test Description** | **Expected result** |
| 1 | The purpose of this test is to ensure that the user can login and add the product to the cart | 1. The user browse to the login page  2. The user supplies the username and password  3. The system validates the username and password  4. The system shows the picture on the top right.  5. The user looking for the product.  6. The user clicks add to cart button.  7. The system puts the product to the cart. | Result: True  Event: After input the valid information to the login and found the interesting product. Then they can add product to the cart. |

**IT-05 Login-choose the payment**

**Description:** Login to the system and choose the payment

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| **Test case** | **Purpose** | **Test Description** | **Expected result** |
| 1 | The purpose of this test is to ensure that the user can login and choose the payment. | 1. The user browse to the login page  2. The user supplies the username and password  3. The system validates the username and password  4. The system shows the picture on the top right.  5. The user check out the cart.  6. The system shows the total cost and delivery address.  7. The user chooses the way to pay money.  8. The user confirms order.  9. The system show successful order. | Result: True  Event: After input the valid information to the login and checkout the product the system will show choose payment page. |

**IT-06 Login-delete the product**

**Description:** Login to the system and delete product from cart.

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| **Test case** | **Purpose** | **Test Description** | **Expected result** |
| 1 | The purpose of this test is to ensure that the user can login and delete product from cart | 1. The user browse to the login page  2. The user supplies the username and password  3. The system validates the username and password  4. The system shows the picture on the top right.  5. The user browses for the check out page.  6. The system shows the product in cart.  7. The user click delete button.  8. The system remove product from cart. | Result: True  Event: After input the valid information to the login. They can delete product from cart. |

**IT-07 Logout**

**Description:** Logout from the system

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| **Test case** | **Purpose** | **Test Description** | **Expected result** |
| 1 | The purpose of this test is to ensure that the user can logout from the system | 1. The user clicks the logout button.  2. The system shows the home page. | Result: True  Event: After click log out. Then the system shows the main page. |

**IT-08 Login-Add product to the system (Admin)**

**Description:** Login to the system and add product to the system.

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| **Test case** | **Purpose** | **Test Description** | **Expected result** |
| 1 | The purpose of this test is to ensure that the admin can login and add the product to the system | 1. The admin browses to the login page.  2. The admin supplies the username and password.  3. The system validates the username and password.  4. The admin browse to storage page.  5. The admin input all of information.  6. The admin clicks add button.  7. The system puts the product to the cart. | Result: True  Event: After input the valid information to the login. Then the admin can add product. |

**IT-09 Login-Delete product to the system (Admin)**

**Description:** Admin login to the system and delete product to the system.

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| **Test case** | **Purpose** | **Test Description** | **Expected result** |
| 1 | The purpose of this test is to ensure that the admin can login and delete the product to the system | 1. The admin browses to the login page.  2. The admin supplies the username and password.  3. The system validates the username and password.  4. The admin browses for the storage page.  5. The system shows the all product  6. The admin choose product.  7. The admin click delete button.  8. The system remove product. | Result: True  Event: After input the valid information to the login. Then the admin can delete product from the system. |

**IT-10 Login-Update product (Admin)**

**Description:** Admin login to the system and update product in the system.

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| **Test case** | **Purpose** | **Test Description** | **Expected result** |
| 1 | The purpose of this test is to ensure that the admin can login and update the product in the system | 1. The admin browses to the login page.  2. The admin supplies the username and password.  3. The system validates the username and password.  4. The admin browses for the storage page.  5. The admin can edit all the information in the page.  6. The system validates the format of the input data.  7. The system saves edit data. | Result: True  Event: After input the valid information to the login. Then the admin can edit the product in the system. |

**IT-11 Login-See history (Admin)**

**Description:** Admin login to the system and see the history

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| **Test case** | **Purpose** | **Test Description** | **Expected result** |
| 1 | The purpose of this test is to ensure that the admin can login and see the customer’s history. | 1. The admin browses to the login page.  2. The admin supplies the username and password.  3. The system validates the username and password.  5. The admin clicks history button.  6. The system shows all of the history from customer. | Result: True  Event: After input the valid information to the login. Then the admin can see the customer’s history. |