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| |  |  |  | | --- | --- | --- | | **Description: Logo_FPT_University_doc** | **MINISTRY OF EDUCATION AND TRAINING** | | | **FPT UNIVERSITY** | | |
| Capstone Project |
| Information System In Logistic Company  Software Test Documentation |
| |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | | **Group 6** | | | | | **Group Members** | Nguyễn Hoàng Việt Khánh |  | 60142 | | Nguyễn Thị Yên Thịnh |  | 60153 | | Nguyễn Đỗ Vượng |  | 60267 | | An Ngọc Anh |  | 60277 | | **Supervisor** | Lâm Hữu Khánh Phương | | | | **Capstone Project code** | SMDH | | | | |
| * Ho Chi Minh City, Mar / 2013 - |

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## Introduction

### System Overview

This document describes the approach and methodologies used by the testing group to plan, organize and manage the testing of this system. It describes implementation details of test cases or technical details of how the product features should work.

The system will be tested is also the system our team are currently developing. This system developed based on MVC3 framework. It is a website providing Home Delivery service for online and offline shops.

### Test Approach

The testing for this project will consist of Unit, System/Integration (combined) and Acceptance test levels. It is hoped that there will be at least one full time independent test person for system/integration testing. Most testing will be done by the test lead with the development team’s participation.

Unit Testing will be done by the developers and will be approved by the implementing team leader. All unit test information (sample, output, data printouts, and defect information…) will be managed by developers and it must be showed when team required.

System/Integration Testing will be performed by the test lead and implementing team leader with assistance from the individual developers as required.

Acceptance Testing will be performed by the test lead and development team leader. The acceptance test will be done for a period of 2 weeks after completion of the System/Integration test process. Program will enter into Acceptance test after all critical and major defects have been corrected. A program may have one major defect as long as it does not obstruct testing of the program (There is a work around for the error). Prior to completion of acceptance testing all open critical and major defects must be corrected.

## Test Plan

The following is a list of areas to be focus on during testing of website:

### Functions

#### Log in

Test all functions in Login module including:

* Login
* Logout
* Change Password

#### Role ‘Staff’

Test all functions of role ‘Office Staff’ including:

**Pricing:**

* Approve request (set price)
* Repricing

**Collection Plan:**

* + - Create Auto Collection Plan
    - Cancel Collection Plan
    - View Collection Plan Detail
    - Assign Delivery Men to Collection Plan
    - Mark as Finished Collection Plan

**Delivery Plan:**

* + - Create Auto Delivery Plan
    - Cancel Delivery Plan
    - View Delivery Plan Detail
    - Assign Delivery Men to Delivery Plan
    - Mark as Finished Delivery Plan

**Return Plan:**

* Create Auto Return Plan
* Cancel Return Plan
* View Return Plan Detail
* Assign Delivery Men to Return Plan
* Mark as Finished Return Plan

#### Role ‘Customer’

Test all functions of role ‘Customer’ including:

**Product:**

* + - Create New Product
    - Edit Product
    - Delete Product

**Order Management:**

* Approve Order
* Reject Order

**Request Management:**

* Add order to request
* Submit request to DC
* Manage pricing

#### Role ‘Hub staff’

Test all functions of role ‘Hub staff’ including:

**Order tracking:**

* View Order by status = *In Hub*
* View Order by status = *Delivered*
* View Order by status = *Waiting for Return*
* View Order by status = *Returned*

**Delivery Order to Buyer:**

* View receiver information
* Mark Order as finished
* Mark Order as Waiting for Return

#### Role ‘Buyer’

Test all functions of role ‘Buyer’ including:

**Order:**

* Make an Order
* Check Order info

### *Features not to be tested*

#### Performance test

There was not enough time so we cannot optimize source code and improve performance. We can only ensure the system work well but not at its best performance.

### Testing Tools and Environment

* Windows 7 operating system
* Google Chrome 19 or higher
* Microsoft Visual Studio 2010 SP1
* Microsoft SQL Server 2008 R2

## Test Cases

### *Functions*

#### Login

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **TC\_No** | **Test case** | **Input** | **Expected Result** | **Status** | **Note** |
| **Log in** | | | | | |
| TC\_1 | Log in successful with Customer role | 1. Open the main page 2. Input valid username & password of customer role 3. Click Log in button | 3. Redirect to the main page of Customer | Passed | username = Customer1 password= 123456 |
| TC\_2 | Log in successful with Staff role | 1. Open the main page 2. Input valid username & password of Staff role 3. Click Log in button | 3. Redirect to the Dashboard page of Staff | Passed | username = Staff1 password= 123456 |
| TC\_3 | Log in successful with Hub role | 1. Open the main page 2. Input valid username & password of Hub role 3. Click Log in button | 3. Redirect to the Hub page | Passed | username = Hub1 password= 123456 |
| TC\_4 | Log in without username | 1. Open the main page 2. Input valid password  - username is blank 3. Click Log in button | 3. System display validate message, user try to input username again to log in | Passed | username = "" password = 123456 |
| TC\_5 | Log in with right username and empty password | 1. Open the main page 2. Input valid username  - password is blank 3. Click Log in button | 3. System display validate message, user try to input password again to log in | Passed | username = Customer1 password = "" |
| TC\_6 | Login without username & password | 1. Open the main page 2. Username & password is blank 3. Click Log in button | 3. System display validate message, user try to input username & password again to log in | Passed | username = "" password = "" |
| TC\_7 | Login with right username & wrong password | 1. Open the main page 2. Input username = "Customer1" password = 5421 3. Click Log in button | 3. System display validate message, user try to input password again to log in | Passed |  |
| TC\_8 | Login with wrong username & wrong password | 1. Open the main page 2. Input username = "Custome" password = 5421 3. Click Log in button | 3. System display validate message, user try to input password again to log in | Passed |  |
| **Log out** | | | | | |
| TC\_9 | Log out user | 1. In each page, click username on the top right corn of website 2. Click Log out | 2. Log out successful - Redirect to Log in page | Passed |  |

#### Role ‘Customer’

##### **Product Management**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **TC\_No** | **Test case** | **Input** | **Expected Result** | **Status** | **Note** |
| **Add new product** | | | | | |
| TC\_1 | Create product successful | 1, Open the main page of Product 2, click Add New button on the top page 3, Input new product info 4, Click Create button | 4.Redirect to the main page of Product  - The new product is shown in data table and save to database | Passed |  |
| TC\_2 | Cancel button | 1, Open the main page of Product 2, click Add New button on the top page 3, Input new product info 4, Click Cancel button | 4. Redirect to the main page of Product  - Nothing is changed | Passed |  |
| TC\_3 | Create product without input | 1, Open the main page of Product 2, click Add New button on the top page 3, No input new product info 4, Click Create button | 4. Don't allow redirect to the main page of Product  - Focus into the first Required field. | Passed |  |
| TC\_4 | Create product with empty value | 1, Open the main page of Product 2, click Add New button on the top page 3, Let input is empty 4, Click Create button | 4. All required fields must have value. | Passed |  |
| TC\_5 | Create product only with Require fields input | 1, Open the main page of Product 2, click Add New button on the top page 3, Input only into Rquire fields 4, Click Create button | 4. Redirect to the main page of Product  - The new product is shown in data table and save to database | Passed |  |
| TC\_6 | Create product only with one of Require fields input is blank | 1, Open the main page of Product 2, click Add New button on the top page 3, Let one of require fields is blank \* Other required fields are valid 4, Click Create button | 4. Show validate message. Required field must have value | Passed |  |
| **Edit existed product** | | | | | |
| TC\_7 | Edit existed product with no change | 1, Open the main page of Product 2, Click Edit icon on the record user want to modify 3, Don't change  4, Click Save button | 4. Redirect to the main page of Product  - Nothing is changed | Passed |  |
| TC\_8 | Edit existed product with valid value | 1, Open the main page of Product 2, Click Edit icon on the record user want to modify 3, Change some valid values 4, Click Save button | 4. Redirect to the main page of Product - The product is updated in the data table and save to database | Passed |  |
| TC\_9 | Edit existed product with invalid value | 1, Open the main page of Product 2, Click Edit icon on the record user want to modify 3, Change some invalid values 4, Click Save button | 4. Show message: Value is invalid and ask user to input value again | Passed |  |
| TC\_10 | Edit existed product with Cancel button | 1, Open the main page of Product 2, click Edit icon on the record user want to modify 3, Input the values 4, Click Cancel button | Redirect to the main page of Product - Nothing is changed | Passed |  |
| **Delete existed product** | | | | | |
| TC\_11 | Delete existed product with Cancel button | 1, Open the main page of Product 2, Click Delete icon on the record user want to delete 3, Click Cancel button | 2. Show confirm message  3.  Redirect to the main page of Product - Nothing is changed | Passed |  |
| TC\_12 | Delete existed product successfully | 1, Open the main page of Product 2, click Delete icon on the record user wants to delete 3, Click OK button | 2. Show confirm message  3. Redirect to the main page of Product - The product is removed from the data table. Database is updated | Passed |  |

##### Order Management

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **TC\_No** | **Test case** | **Input** | **Expected Result** | **Status** | **Note** |
| **Approve Order** | | | | | |
| TC\_1 | Approve one order | 1. In Dashboard page, click "Need to Approve" 2. Click "Action" dropdown list and click "Approve Order" | 1. Show all orders which have "Draft" status 2. Order is changed to "New" status - Order is removed from table | Passed |  |
| TC\_2 | Approve all order | 1. In Dashboard page, click "Need to Approve" 2. Click "Approve All" button | 1. Show all orders which have "Draft" status 2. All orders are changed to "New" status - All orders is removed from table | Passed |  |
| **Reject Order** | | | | | |
| TC\_3 | Reject Order | 1. In Dashboard page, click "Need to Approve" 2. Click "Action" dropdown list and click "Reject Order" 3. Click OK | 1. Show all orders which have "Draft" status 2. Order is changed to "Rejected" status - Order is removed from table | Passed |  |
| TC\_4 | Reject Order with Cancel button | 1. In Dashboard page, click "Need to Approve" 2. Click "Action" dropdown list and click "Reject Order" 3. Click "Cancel" button | 1. Show all orders which have "Draft" status 2. Nothing is changed - Redirect to the previous page | Passed |  |

##### Make a Request and Submit to DC

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **TC\_No** | **Test case** | **Input** | **Expected Result** | **Status** | **Note** |
| **Make an Request** | | | | | |
| TC\_1 | Create request form | 1. In the Dashboard page of Customer, click Create button 2. Choose address where the DC will come to collect order 3. [optional] Take note if necessary 4. Click Create button | 1. Show request popup 2. Choose one of addresses in the dropdown list 3. The request is created successful without order in it | Passed |  |
| TC\_2 | Add new order successful with Direct Delivery type | \*Pre-condition: pass TC\_1 1. In Create Request page, click Add new Order button 2. Input valid value 3. Click OK | 1. Show Create Order popup 3. Order is created successful - Order is saved to database - Redirect to Create Request page | Passed |  |
| TC\_3 | Add new order without value by Direct Delivery type | \*Pre-condition: pass TC\_1 1. In Create Request page, click Add new Order button 2. All values are blank 3. Click OK | 1. Show Create Order popup 3. Show validate message: all required fields must have value | Passed |  |
| TC\_4 | Add new order successful with Buffer Delivery type | \* Pre-condition: pass TC\_1 1. In Create Request page, click Add Order button 2. Input valid value 3. Click OK button | 1. Show Create Order popup 3. Order is created successful - Order is saved to database - Redirect to Create Request page | Passed |  |
| TC\_5 | Add new order without value by Buffer Delivery type | \* Pre-condition: pass TC\_1 1. In Create Request page, click Add Order button 2. All values are blank 3. Click OK button | 1. Show Create Order popup 3. All required fields must have value | Passed |  |
| TC\_6 | Create request successful by importing excel file | \* Pre-condition: pass TC\_1 1. In Create Request popup, Click Import button, and choose file 2. Click Create button | 2. The request is created successful - request is saved to database | Passed |  |
| TC\_7 | Create request successful by adding existing order | \* Pre-condition: pass TC\_1 1. Click Add existing Order button 2. Check order(s) to add to request 3. Click OK button | 3. Order(s) are added to request | Passed |  |
| TC\_8 | Create request successful by adding new order(Direct Delivery) | \* Pre-condition: pass TC\_1 1. Click Add new Order button 2. Input valid value 3. Click Create button | 3. Order is added to request and saved to database | Passed |  |
| TC\_9 | Create request successful by adding new order(Buffer Delivery) | \* Pre-condition: pass TC\_1 1. Click Add new Order button 2. Input valid value 3. Click Create button | 3. Order is added to request and saved to database | Passed |  |
| **Submit Request to DC** | | | | | |
| TC\_10 | Submit request to DC | 1. In Create Request page, click Submit button | 1. Request will be sent to DC - Request is changed to "New" status | Passed |  |

##### Pricing Management

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **TC\_No** | **Test case** | **Input** | **Expected Result** | **Status** | **Note** |
| Pricing Management | | | | | |
| TC\_1 | Approve Pricing | 1. In the Dashboard page of Customer, click Need to Approve in Request area 2. Click Action button on the request 3. Click Approve button | 1. System show data table with request status = "Priced" 3. Request is accepted delivery fee by customer | Failed |  |
| TC\_2 | Cancel Request | 1. In the Dashboard page of Customer, click Need to Approve in Request area 2. Click Action button on the request 3. Click Cancel button | 1. System show data table with request status = "Priced" 3. Request is canceled by customer | Passed |  |
| TC\_3 | Repricing | 1. In the Dashboard page of Customer, click Need to Approve in Request area 2. Click Action button on the request 3. Click Reject to Reprice button | 1. System show data table with request status = "Priced" 3. Request is sent to DC again to pricing | Passed |  |

#### Role ‘Hub’

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **TC\_No** | **Test case** | **Input** | **Expected Result** | **Status** | **Note** |
| **Hub Management** | | | | | |
| TC\_1 | Input invalid passcode | 1, Open the main page of Hub 2, Enter an invalid passcode (the passcode is out of database or the order is delivered) 3, Click Confirm button | 2, The passcode is not valid, system will show the message: Not a valid passcode | Passed |  |
| TC\_2 | Valid passcode | 1, Open the main page of Hub 2, Enter an valid passcode 3, Click Confirm button | 3, System show the list of orders have this passcode Hub staff has entered | Passed |  |
| TC\_3 | Order has unique passcode | 1, Open the main page of Hub 2, Enter an valid passcode 3, Click Confirm button | 3, System show order in the table | Passed |  |
| TC\_4 | Many orders have the same passcode | 1, Open the main page of Hub 2, Enter an valid passcode 3, Click Confirm button | 3, System show orders in the table | Passed |  |
| TC\_5 | Search phone number | 1, Open the main page of Hub 2, Enter an valid passcode 3, Click Confirm button 4. Enter buyer's number, press "Enter" key | 3, System show orders in the table 4. System show orders that belong to this phone number | Passed |  |
| TC\_6 | Customer reject order with OK button | 1, Open the main page of Hub 2, Enter an valid passcode 3, Click Confirm button 4,Click Customer Reject button 5, Click OK button | 4. Show confirm message 5. Order change from In Hub status to Waiting For Return status | Passed |  |
| TC\_7 | Customer reject order with Cancel button | 1, Open the main page of Hub 2, Enter an valid passcode 3, Click Confirm button 4,Click Customer Reject button 5, Click Cancel button | 4. Show confirm message 5. nothing is changed | Passed |  |
| TC\_8 | Customer received order with OK button | 1, Open the main page of Hub 2, Enter an valid passcode 3, Click Confirm button 4,Click Customer Received button 5, Click OK button | 4. Show confirm message 5. Order change from In Hub status to Delivered status | Passed |  |
| TC\_9 | Customer received order with Cancel button | 1, Open the main page of Hub 2, Enter an valid passcode 3, Click Confirm button 4,Click Customer Received button 5, Click Cancel button | 4. Show confirm message 5. nothing is changed | Passed |  |
| TC\_10 | View Order by In Hub Status | 1, Open the main page of Hub 2, Click In Hub tab | 2, System will display data table with order status = In Hub | Passed |  |
| TC\_11 | View Order by Delivered Status | 1, Open the main page of Hub 2, Click Delivered tab | 2, System will display data table with order status = Delivered | Passed |  |
| TC\_12 | View Order by Waiting For Return Status | 1, Open the main page of Hub 2, Click Waiting For Return tab | 2, System will display data table with order status = Waiting for Return | Passed |  |
| TC\_13 | View Order by Returned Status | 1, Open the main page of Hub 2, Click Returned tab | 2, System will display data table with order status = Returned | Passed |  |

#### Role ‘Staff’

##### Collection Plan

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **TC\_No** | **Test case** | **Input** | **Expected Result** | **Status** | **Note** |
| COLLECTION PLAN | | | | | |
| TC\_1 | Create plan without plan number | 1, Open the main page of Collection plan 2, Click *Solve* button | 3, Show error message, user must input plan no. to make a plan | Passed |  |
| TC\_2 | Group all requests | 1, Open the main page of Collection plan 2, Choose *Group All Requests* 3, Click *Group* button | 3, All requests are grouped by latitude, longtitude | Passed |  |
| TC\_3 | Group <no.> request(s) | 1, Open the main page of Collection plan 2a, Choose *Group <no.> Request(s)* 2b, Input the number user want to group requests 3, Click *Group* button | 2b, Input the positive number 3, Requests are grouped by each 3 requests which has the same latitude, longitude | Passed |  |
| TC\_4 | Add request(s) to create plan | 1, Open the main page of Collection plan 2, Choose the requests to create plan 3, Click *Add* button | 3, Request(s) are copied to Selected Request box | Passed |  |
| TC\_5 | Remove request(s) from Selected Request box | 1, Open the main page of Collection plan 2, Choose the requests to remove from Selected Request box to Request box 3, Click *Remove* button | 3, Request(s) are removed to Request box | Passed |  |
| TC\_6 | Remove all request(s) from Selected Request box | 1, Open the main page of Collection plan 2, Add request(s) to right box 3, Click *Remove ALL* button | 3, Request(s) are removed to Request box | Passed |  |
| TC\_7 | Enter plan no. to create plan | 1, Open the main page of Collection plan 2, Input plan no. to create plan | 2, the plan no. must be a positive number | Passed |  |
| TC\_8 | Create new temporary plan(s) successfully | \*Pre-condition: pass TC\_3(or TC\_2), TC\_4, TC\_7 1, Click *Solve* button | 1, Move to *Edit Plan(s)* screen - Plan(s) are created successfully | Passed |  |
| TC\_9 | View plan(s) info which are created (include: request(s) and map) | \*Pre-condition: pass TC\_08 1, click on plan user want to view | 1, - Request(s) of this plan are displayed in the data table  - Map will be displayed the way DM will be going to | Passed |  |
| TC\_10 | Back to Create Collection plan button | 1. In Edit Collection Plan page, click Back to Create Collection Plan button | 1. Redirect to Create Collection Plan page | Passed |  |
| TC\_11 | Save plan(s) to database | \*Pre-condition: pass TC\_8  1, click *Save* button | 1, Redirect to *Plan Management* screen - The table will be displayed the plan(s) are created | Passed |  |
| TC\_12 | Assign Delivery men to plan | 1. In the plan Index, click View & Assign button  2, Check the DM to assign 3, Click *Assign* button | 1, Redirect to *View Detail* screen 3, DM(s) are assigned to the plan - Plan is changed to *Assigned* status | Passed |  |
| TC\_13 | Assign DM with Cancel button | 1. In the plan Index, click View & Assign button  2, Check the DM to assign 3, Click *Cancel* button | 1, Redirect to View Detail screen 3. Nothing is changed - Redirect to Plan Index | Passed |  |
| TC\_14 | Mark Collection Plan as Finished | 1. In the plan Index, click View & Assign button on plan has *Assigned* status 2, Click Mark as Finished button | 2, -Redirect to Plan Index - Collection plan is changed to *Finished* status | Passed |  |
| TC\_15 | Mark Collection Plan as Finished without assigned DM | 1. In the plan Index, click View & Assign button on plan has *New* status 2, Click Mark as Finished button | 2, There's no *Mark as Finished* button on *View Detail* popup | Passed |  |
| TC\_16 | Reassign Delivery men to plan | 1. In the plan Index, click View & Assign button  2, UnCheck assigned DM  - check other DM to assign 3, Click *Assign* button | 1, Redirect to *View Detail* screen 3, DM(s) are assigned to the plan | Passed |  |
| TC\_17 | Reassign Delivery men to plan | 1. In the plan Index, click View & Assign button  2, UnCheck assigned DM  - check other DM to assign 3, Click *Cancel* button | 1, Redirect to View Detail screen 3. Nothing is changed - Redirect to Plan Index | Passed |  |
| TC\_18 | Cancel Collection Plan | 1. In the plan Index, click *Cancel* button  2, Click *OK* button | 1. Show confirm message 2. Collection plan is canceled and removed from database | Passed |  |
| TC\_19 | Cancel Collection Plan with Cancel button | 1. In the plan Index, click *Cancel* button  2, Click *Cancel* button | 1. Show confirm message 2. Nothing is changed - Redirect to Plan Index | Passed |  |
| TC\_20 | View detail of each plan | 1, Open *Plan Management* screen 2, Click *View Detail* button on the plan | 2, *View Detail* screen will be displayed | Passed |  |

##### Delivery Plan

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **TC\_No** | **Test case** | **Input** | **Expected Result** | **Status** | **Note** |
| Delivery PLAN | | | | | |
| TC\_1 | Create plan without plan number | 1, Open the main page of Delivery plan 2, Click Solve button | 3, Show error message, user must input plan no. to make a plan | Passed |  |
| TC\_2 | Group all Orders | 1, Open the main page of Delivery plan 2, Choose Group All Orders 3, Click Group button | 3, All Orders are grouped by latitude, longtitude | Passed |  |
| TC\_3 | Group <no.> Order(s) | 1, Open the main page of Delivery plan 2a, Choose Group <no.> Order(s) 2b, Input the number user want to group Orders 3, Click Group button | 2b, Input the positive number 3, Orders are grouped by each 3 Orders which has the same latitude, longitude | Passed |  |
| TC\_4 | Add Order(s) to create plan | 1, Open the main page of Delivery plan 2, Choose the Orders to create plan 3, Click Add button | 3, Order(s) are copied to Selected Order box | Passed |  |
| TC\_5 | Remove Order(s) from Selected Order box | 1, Open the main page of Delivery plan 2, Choose the Orders to remove from Selected Order box to Order box 3, Click Remove button | 3, Order(s) are removed to Order box | Passed |  |
| TC\_6 | Remove all Order(s) from Selected Order box | 1, Open the main page of Delivery plan 2, Add Order(s) to right box 3, Click Remove ALL button | 3, Order(s) are removed to Order box | Passed |  |
| TC\_7 | Enter plan no. to create plan | 1, Open the main page of Delivery plan 2, Input plan no. to create plan | 2, the plan no. must be a positive number | Passed |  |
| TC\_8 | Create new temporary plan(s) successfully | \*Pre-condition: pass TC\_3(or TC\_2), TC\_4, TC\_7 1, Click *Solve* button | 1, Move to *Edit Plan(s)* screen - Plan(s) are created successfully | Passed |  |
| TC\_9 | View plan(s) info which are created (include: Order(s) and map) | \*Pre-condition: pass TC\_08 1, click on plan user want to view | 1, - Order(s) of this plan are displayed in the data table  - Map will be displayed the way DM will be going to | Passed |  |
| TC\_10 | Back to Create Delivery plan button | 1. In Edit Delivery Plan page, click Back to Create Delivery Plan button | 1. Redirect to Create Delivery Plan page | Passed |  |
| TC\_11 | Save plan(s) to database | \*Pre-condition: pass TC\_8  1, click *Save* button | 1, Redirect to *Plan Management* screen - The table will be displayed the plan(s) are created | Passed |  |
| TC\_12 | Assign Delivery men to plan | 1. In the plan Index, click View & Assign button  2, Check the DM to assign 3, Click *Assign* button | 1, Redirect to *View Detail* screen 3, DM(s) are assigned to the plan - Plan is changed to *Assigned* status | Passed |  |
| TC\_13 | Assign DM with Cancel button | 1. In the plan Index, click View & Assign button  2, Check the DM to assign 3, Click *Cancel* button | 1, Redirect to View Detail screen 3. Nothing is changed - Redirect to Plan Index | Passed |  |
| TC\_14 | Mark Delivery Plan as Finished | 1. In the plan Index, click View & Assign button on plan has *Assigned* status 2, Click Mark as Finished button | 2, -Redirect to Plan Index - Delivery plan is changed to Finished status | Passed |  |
| TC\_15 | Mark Delivery Plan as Finished without assigned DM | 1. In the plan Index, click View & Assign button on plan has *New* status 2, Click Mark as Finished button | 2, There's no *Mark as Finished* button on *View Detail* popup | Passed |  |
| TC\_16 | Reassign Delivery men to plan | 1. In the plan Index, click View & Assign button  2, UnCheck assigned DM  - check other DM to assign 3, Click *Assign* button | 1, Redirect to *View Detail* screen 3, DM(s) are assigned to the plan | Passed |  |
| TC\_17 | Reassign Delivery men to plan | 1. In the plan Index, click View & Assign button  2, UnCheck assigned DM  - check other DM to assign 3, Click *Cancel* button | 1, Redirect to View Detail screen 3. Nothing is changed - Redirect to Plan Index | Passed |  |
| TC\_18 | Cancel Delivery Plan | 1. In the plan Index, click *Cancel* button  2, Click *OK* button | 1. Show confirm message 2. Delivery plan is canceled and removed from database | Passed |  |
| TC\_19 | Cancel Delivery Plan with Cancel button | 1. In the plan Index, click *Cancel* button  2, Click *Cancel* button | 1. Show confirm message 2. Nothing is changed - Redirect to Plan Index | Passed |  |
| TC\_20 | View detail of each plan | 1, Open *Plan Management* screen 2, Click *View Detail* button on the plan | 2, *View Detail* screen will be displayed | Passed |  |

##### Return Plan

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **TC\_No** | **Test case** | **Input** | **Expected Result** | **Status** | **Note** |
| RETURN PLAN | | | | | |
| TC\_1 | Create plan without plan number | 1, Open the main page of Return plan 2, Click Solve button | 3, Show error message, user must input plan no. to make a plan | Passed |  |
| TC\_2 | Group all Orders | 1, Open the main page of Return plan 2, Choose Group All Orders 3, Click Group button | 3, All Orders are grouped by hub address | Passed |  |
| TC\_3 | Group <no.> Order(s) | 1, Open the main page of Return plan 2a, Choose Group <no.> Order(s) 2b, Input the number user want to group Orders 3, Click Group button | 2b, Input the positive number 3, Orders are grouped by each 3 Orders which has the same hub address | Passed |  |
| TC\_4 | Add Order(s) to create plan | 1, Open the main page of Return plan 2, Choose the Orders to create plan 3, Click Add button | 3, Order(s) are copied to Selected Order box | Passed |  |
| TC\_5 | Remove Order(s) from Selected Order box | 1, Open the main page of Return plan 2, Choose the Orders to remove from Selected Order box to Order box 3, Click Remove button | 3, Order(s) are removed to Order box | Passed |  |
| TC\_6 | Remove all Order(s) from Selected Order box | 1, Open the main page of Return plan 2, Add Order(s) to right box 3, Click Remove ALL button | 3, Order(s) are removed to Order box | Passed |  |
| TC\_7 | Enter plan no. to create plan | 1, Open the main page of Return plan 2, Input plan no. to create plan | 2, the plan no. must be a positive number | Passed |  |
| TC\_8 | Create new temporary plan(s) successfully | \*Pre-condition: pass TC\_3(or TC\_2), TC\_4, TC\_7 1, Click *Solve* button | 1, Move to *Edit Plan(s)* screen - Plan(s) are created successfully | Passed |  |
| TC\_9 | View plan(s) info which are created (include: Order(s) and map) | \*Pre-condition: pass TC\_08 1, click on plan user want to view | 1, - Order(s) of this plan are displayed in the data table  - Map will be displayed the way DM will be going to | Passed |  |
| TC\_10 | Back to Create Return plan button | 1. In Edit Return Plan page, click Back to Create Return Plan button | 1. Redirect to Create Return Plan page | Passed |  |
| TC\_11 | Save plan(s) to database | \*Pre-condition: pass TC\_8  1, click *Save* button | 1, Redirect to *Plan Management* screen - The table will be displayed the plan(s) are created | Passed |  |
| TC\_12 | Assign Delivery men to plan | 1. In the plan Index, click View & Assign button  2, Check the DM to assign 3, Click *Assign* button | 1, Redirect to *View Detail* screen 3, DM(s) are assigned to the plan - Plan is changed to *Assigned* status | Passed |  |
| TC\_13 | Assign DM with Cancel button | 1. In the plan Index, click View & Assign button  2, Check the DM to assign 3, Click *Cancel* button | 1, Redirect to View Detail screen 3. Nothing is changed - Redirect to Plan Index | Passed |  |
| TC\_14 | Mark Return Plan as Finished | 1. In the plan Index, click View & Assign button on plan has *Assigned* status 2, Click Mark as Finished button | 2, -Redirect to Plan Index - Return plan is changed to Finished status | Passed |  |
| TC\_15 | Mark Return Plan as Finished without assigned DM | 1. In the plan Index, click View & Assign button on plan has *New* status 2, Click Mark as Finished button | 2, There's no *Mark as Finished* button on *View Detail* popup | Passed |  |
| TC\_16 | Reassign Delivery men to plan | 1. In the plan Index, click View & Assign button  2, UnCheck assigned DM  - check other DM to assign 3, Click *Assign* button | 1, Redirect to *View Detail* screen 3, DM(s) are assigned to the plan | Passed |  |
| TC\_17 | Reassign Delivery men to plan | 1. In the plan Index, click View & Assign button  2, UnCheck assigned DM  - check other DM to assign 3, Click *Cancel* button | 1, Redirect to View Detail screen 3. Nothing is changed - Redirect to Plan Index | Passed |  |
| TC\_18 | Cancel Return Plan | 1. In the plan Index, click *Cancel* button  2, Click *OK* button | 1. Show confirm message 2. Return plan is canceled and removed from database | Passed |  |
| TC\_19 | Cancel Return Plan with Cancel button | 1. In the plan Index, click *Cancel* button  2, Click *Cancel* button | 1. Show confirm message 2. Nothing is changed - Redirect to Plan Index | Passed |  |
| TC\_20 | View detail of each plan | 1, Open *Plan Management* screen 2, Click *View Detail* button on the plan | 2, *View Detail* screen will be displayed | Passed |  |

##### Pricing

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **TC\_No** | **Test case** | **Input** | **Expected Result** | **Status** | **Note** |
| **Pricing** | | | | | |
| TC\_1 | Set price successful | 1. In *Request* tab of Plan page, click *Action* button 2. Choose *Approve Order* 3. Click *Detail* button 4. Choose price type in dropdown list 5. Click *Add* button 6. Click *Close* button | 2. Show request detail 3. Show Price category popup 5. price is added to below table 6. Total price is set | Passed |  |
| TC\_2 | Set price without added price type | 1. In *Request* tab of Plan page, click *Action* button 2. Choose *Approve Order* 3. Click *Detail* button 4. Click *Close* button | 2. Show request detail 3. Show Price category popup 4. Nothing happens - Redirect to Request detail page | Passed |  |
| TC\_3 | Approve request and notify to Customer | \*Pre-condition: pass TC\_1 and all order is set price 1. Click *Approve Request* button | 1. Request is changed to Priced status | Passed |  |
| TC\_4 | Approve request with order is not set price | \*Pre-condition: pass TC\_1 and there's at least one order is not set price 1. Click *Approve Request* button | 2. Show error message: All orders must be set price | Passed |  |

#### Role ‘Buyer’

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| --- | --- | --- | --- | --- | --- |
| **TC\_No** | **Test case** | **Input** | **Expected Result** | **Status** | **Note** |
| TC\_01 | Add product to Cart | 1. Open the main page 2. Click *Add* button on the product record | 2. The selected product will be moved to Cart area - Total price is updated | Passed |  |
| TC\_02 | Remove product from Cart | \*Pre-condition: pass TC\_01 1. Click *Remove* button on the product user doesn't need to buy | 1. The product will be removed from Cart. - Total price will be eliminated amount of removed product | Failed |  |
| TC\_03 | *OK* button with *Direct Delivery* | \*Pre-condition: pass TC\_01 1. Move to Customer Info area 2. Input the customer info, such as: Name: An Ngoc Anh Phone: 0912345678 Email: anhan@gmail.com Delivery type: Direct 3. Click OK button | 1. Focus on Customer Info area 2. Input must be valid - After chose Direct delivery: Address info area will be displayed. Then, user will input their address. 3. Show the confirm message | Failed |  |
| TC\_04 | *OK* button with *Buffer Delivery* | \*Pre-condition: pass TC\_01 1. Move to Customer Info area 2. Input the customer info, such as: Name: An Ngoc Anh Phone: 0912345678 Email: anhan@gmail.com Delivery type: Buffer delivery 3. Click OK button | 1. Focus on *Customer Info* area 2. Input must be valid - After chose Buffer delivery. Hub info area will be displayed. Then, user must choose Hub where receive  3. Show the confirm message and passcode | Failed |  |
| TC\_05 | *Cancel* button | \*Pre-condition: pass TC\_01 1. Move to *Customer Info* area 2. Input the customer info, such as: Name: An Ngoc Anh Phone: 0912345678 Email: anhan@gmail.com Delivery type: Buffer delivery 3. Click *Cancel* button | 1. Focus on *Customer Info* area 2. Input must be valid  3. Nothing happens | Failed |  |
| TC\_06 | *Name* field is blank | \*Pre-condition: pass TC\_01 1. Move to *Customer Info* area 2. Input Info as the following condition: - Name = "" | 2. Display (\*) behind textbox to remind user fill in his name |  |  |
| TC\_07 | *Phone number* is blank | \*Pre-condition: pass TC\_01 1. Move to *Customer Info* area 2. Input Info as the following condition: - Phone = "" | 2. Display (\*) behind textbox to remind user fill in his phone |  |  |
| TC\_08 | Invalid *phone number (special character)* | \*Pre-condition: pass TC\_01 1. Move to *Customer Info* area 2. Input Info as the following condition: - Phone = "!@$@$@@" | 2. show message: Phone number must be positive, whole number |  |  |
| TC\_09 | Invalid *phone number (character)* | \*Pre-condition: pass TC\_01 1. Move to *Customer Info* area 2. Input Info as the following condition: - Phone = "adsfds" | 2. show message: Phone number must be positive, whole number |  |  |
| TC\_10 | *Email* is blank | \*Pre-condition: pass TC\_01 1. Move to *Customer Info* area 2. Input Info as the following condition: - Email = "" | 2. Display (\*) behind textbox to remind user fill in his email |  |  |
| TC\_11 | Invalid *email* | \*Pre-condition: pass TC\_01 1. Move to *Customer Info* area 2. Input Info as the following condition: - Email = "adsfds" | 2. Show warning: Email must be in the format: [aA-zZ0-9]@[aA-zZ0-9].[aA-zZ0-9] |  |  |
| TC\_12 | Display address on map (*Direct delivery)* | \*Pre-condition: pass TC\_01 1. Move to Customer Info area 2. Input the customer info, such as: Name: An Ngoc Anh Phone: 0912345678 Email: anhan@gmail.com Choose Delivery type: Direct 3. Input buyer address | 2. Show address area 3. Map will displayed buyer address |  |  |
| TC\_13 | Display address on map (*Buffer delivery)* | \*Pre-condition: pass TC\_01 1. Move to Customer Info area 2. Input the customer info, such as: Name: An Ngoc Anh Phone: 0912345678 Email: anhan@gmail.com Choose Delivery type: Buffer 3. Choose Hub type and Hub | 2. Show Hub area 3. Map will displayed hub address |  |  |

## Checklist

N/A

### Checklist validation

N/A

### Submission Checklist

N/A

## Other material (if any)

N/A

### Checklist validation

N/A