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|  | **MINISTRY OF EDUCATION AND TRAINING** |

**FPT UNIVERSITY**

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| Capstone Project Document |
| Group Purchasing for FPT Corporation |

**Report #5 – Project Test Documentation**

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- Hanoi, 08/2011-

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# Introduction

## Purpose

This document is prepared as the test documentation for project Group Purchasing for FPT Corporation, in scope of Capstone Project at FPT University

## Definitions and Acronyms

|  |  |  |
| --- | --- | --- |
| Acronym | Definition | Note |
| AT | Acceptance test |  |
| IT | Integration test |  |
| PM | Project Manager |  |
| PTL | Project Technical Leader |  |
| QA | Quality Assurance |  |
| SRS | Software Requirement Specification |  |
| ST | System test |  |
| TP | Test Plan |  |
| TC | Test Case |  |
| TR | Test Report |  |
| UAT | User Acceptance test |  |
| UT | Unit test |  |
| AT | Acceptance test |  |
| IT | Integration test |  |

Table ‑: Definitions and Acronyms

## References

|  |  |  |  |
| --- | --- | --- | --- |
| # | Title | Version | Description |
| 1 | Report #1 – Project Description | 1.0 | Description of GP-F Project |
| 2 | Report #2 – Software Project Management Plan | 1.0 | Software Project Management Plan of GP-F Project |
| 3 | Report #3 – Software Requirement Specification | 1.0 | Software Requirement Specification of GP-F Project |
| 4 | Report #4 – Software Detailed Design | 1.0 | Software Detailed Design of GP-F Project |

Table ‑: References

# Requirements for Test

## Feature to be tested

### Central Site

* Manage “Offer”: This use case is comprised of four common use cases: Create; Read; Update and Delete.
* Approve General “Offer”: allows Central Operators to approve a general “Offer”. By then, this offer is open to all internal sites to made order
* Close “Offer”: allows Suppliers to close their own offers
* Confirm “Order”: allows Suppliers to confirm on order that made from internal site on their offer.
* Cancel “Order”: allows internal users or suppliers to cancel an existing Order.
* Export to Excel : allows all users to export viewable data into Excel
* Administrator: manage User, Product, Category, Supplier …
* User access and security
* Performance test: Page loading on each click.

### Internal Site

* Manage “Request”: This use case is comprised of four common use cases: Create; Read; Update and Delete.
* Consolidate “Request”: allow internal operators to consolidate similar requests into a larger request (in term of quantity).
* Public “Request”: allows internal operators to make a request as public. This request will be displayed on central site and suppliers can offer their best price on it.
* Close “Request”: allows internal users/operators to close a request.
* Order on Specific “Offer”: allows internal operators to make an order on specific Offer from Supplier on their public request.
* Order on General “Offer”: allows internal users to make an order on a General Offer.
* Cancel “Order”: allows internal users or suppliers to cancel an existing Order.
* Administrator: User management, configuration
* User access and security
* Performance test: Page loading on each click.

## Feature not to be tested

* Refine Product List
* Switch language: Vietnamese version
* Multiple browser

# Test strategy

## Test types

### Function Testing

Function testing of the target-of-test should focus on any requirements for test that can be traced directly to use cases or business functions and business rules.  The goals of these tests are to verify proper data acceptance, processing, and retrieval, and the appropriate implementation of the business rules.  This type of testing is based upon black box technique that is verifying the application and its internal processes by interacting with the application via the Graphical User Interface (GUI) and analyzing the output or results.

Table identified below is an outline of the testing recommended for each application:

|  |  |
| --- | --- |
| Test Objective | Ensure proper target-of-test functionality, including navigation, data entry, processing, and retrieval. |
| Technique | Execute each use case, use-case flow, or function, using valid and invalid data, to verify the following:   * The expected results occur when valid data is used. * The appropriate error or warning messages are displayed when invalid data is used. * Each business rule is properly applied. |
| Completion Criteria | * All planned tests have been executed. * All identified defects have been addressed and closed |
| Special Considerations | Identify or describe those items or issues (internal or external) that impact the implementation and execution of function test |

### User Interface Testing

User Interface (UI) testing verifies a user’s interaction with the software.  The goal of UI testing is to ensure that the User Interface provides the user with the appropriate access and navigation through the functions of the target-of-test.  In addition, UI testing ensures that the objects within the UI function as expected and conform to corporate or industry standards.

|  |  |
| --- | --- |
| Test Objective | Verify the following:   * Navigation through the target-of-test properly reflects business       functions and requirements, including window-to-window, field-to-field, and use of access methods (tab keys, mouse movements, accelerator keys) * Window objects and characteristics, such as menus, size, position, state, and focus conform to standards. |
| Technique | Create or modify tests for each window to verify proper navigation and object states for each application window and objects. |
| Completion Criteria | Each window successfully verified to remain consistent with benchmark version or within acceptable standard |
| Special Considerations | Not all properties for custom and third party objects can be accessed. |

### Performance testing

Performance profiling is a performance test in which response times, transaction rates, and other time-sensitive requirements are measured and evaluated.  The goal of Performance Profiling is to verify performance requirements have been achieved. Performance profiling is implemented and executed to profile and tune a target-of-test's performance behaviors as a function of conditions such as workload or hardware configurations.

|  |  |
| --- | --- |
| Test Objective | Verify performance behaviors for designated transactions or business functions under the following conditions:   * normal anticipated workload * anticipated worst case workload |
| Technique | * Use Test Procedures developed for Function or Business Cycle Testing. * Modify data files to increase the number of transactions or the scripts to increase the number of iterations each transaction occurs. * Scripts should be run on one machine (best case to benchmark single user, single transaction) and be repeated with multiple clients (virtual or actual, see Special Considerations below). |
| Completion Criteria | * Single Transaction or single user:  Successful completion of the test scripts without any failures and within the expected or required time allocation per transaction. * Multiple transactions or multiple users:  Successful completion of the test scripts without any failures and within acceptable time allocation. |
| Special Considerations | Comprehensive performance testing includes having a background workload on the server.  There are several methods that can be used to perform this, including:   * “Drive transactions” directly to the server, usually in the form of Structured Query Language (SQL) calls. * Create “virtual” user load to simulate many clients, usually several hundred.  Remote Terminal Emulation tools are used to accomplish this load. This technique can also be used to load the network with “traffic”. * Use multiple physical clients, each running test scripts to place a load on the system.   Performance testing should be performed on a dedicated machine or at a dedicated time.  This permits full control and accurate measurement.  The databases used for Performance Testing should be either actual size or scaled equally. |

### Security and Access Control Testing

Security and Access Control Testing focus on two key areas of security:

* Application-level security, including access to the Data or Business Functions
* System-level Security, including logging into or remote access from the system.

Application-level security ensures that, based upon the desired security, actors are restricted to specific functions or use cases, or are limited in the data that is available to them.  For example, everyone may be permitted to enter data and create new accounts, but only managers can delete them. If there is security at the data level, testing ensures that” user type one” can see all customer information, including financial data, however,” user two” only sees the demographic data for the same client.

System-level security ensures that only those users granted access to the system are capable of accessing the applications and only through the appropriate gateways.

|  |  |
| --- | --- |
| Test Objective | * Application-level Security:  Verify that an actor can access only those functions or data for which their user type is provided permissions. * System-level Security:  Verify that only those actors with access to the system and applications are permitted to access them. |
| Technique | * Application-level Security: Identify and list each user type and the functions or data each type has permissions for. * Create tests for each user type and verify each permission by creating transactions specific to each user type. * Modify user type and re-run tests for same users.  In each case, verify those additional functions or data are correctly available or denied. * System-level Access: See Special Considerations below |
| Completion Criteria | For each known actor type the appropriate function or data are available, and all transactions function as expected and run in prior Application Function tests. |
| Special Considerations | Access to the system must be reviewed or discussed with the appropriate network or systems administrator.  This testing may not be required as it may be a function of network or systems administration. |

## Test Environment

Test server configuration:

1. Hardware

* Quad-Core AMD Opteron Process 2373 EE 2.10 GHz

1. Software

* Windows 2008 Enterprise x64 SP2
* Microsoft SQL 2008 R2
* Web deployment 2.0

Test client configuration:

* Windows 7/XP
* Chrome 11; Internet Explorer 9.0

## Risk list

* Lack of experience about web-service
* Deployment, test environment
* Server for test
* Performance test

# Deliverables

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No | Deliverables | Delivered Date | Delivered by | Delivered to |
| 1 | Test Plan | 18-05-2011 | Trang Le | GP-F team |
| 2 | System Test case | 20-06-2011 | Trang Le | GP-F team |
| 3 | Defect | Update daily | Trang Le | GP-F team |
| 4 | Test report | After finish testing | Trang Le | GP-F team |

# Test cases

## Central site

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **ID** | **Test Case Description** | | **Test Case Procedure** | **Expected Output** | **Result** |
|  | **1. Approve General Offer** | | |  |  |
| [Cent-1] | Test GUI of "Offer" form | | 1. Login the Central Site with Central Operator role. 2. Click on "Offer" link in the left menu. 3. Open one Offer in "Submitted" status 4. Verify User interface of the form Refer to Sheet "Offer Screen" (Link in the "Note" Column) | 4. User interface of the form meet requirement specification. |  |
| [Cent-2] | Verify that only Central Operator have permission "Approve General request" | | 1. Login the Central Site with Supplier role. 2. Click on "Offer" link in the left menu. 3. Open one Offer in "Submitted" status 4. Verify button [Approve] in the Offer form 5. Undo these 4 step with Central Administrator role | 1. Log in Central Site successfully 2. Offer view list is opened 3. Offer form is opened 4. Button [Approve] is disable 5. Button [Approve] is disable |  |
| [Cent-3] | Central Operator cancel approve general Offer | | 1. Login the Central Site with Central Operator role. 2. Click on "Offer" link in the left menu. 3. Open one Offer in "Submitted" status 4. Click on button [Approve]  5. Click on button [Cancel] | 1. Log in Central Site successfully 2. Offer view list is opened 3. Offer form is opened 4. System prompt confirmation message "Are you sure you want to approve this offer?" 5. Prompt message is closed.  Nothing's saved. Status of Offer is "Submitted" |  |
| [Cent-4] | Central Operator approved general Offer successfully | | 1. Login the Central Site with Central Operator role. 2. Click on "Offer" link in the left menu. 3. Open one Offer in "Submitted" status 4. Click on button [Approve]  5. Click on button [OK] | 1. Log in Central Site successfully 2. Offer view list is opened 3. Offer form is opened 4. System prompt confirmation message "Are you sure you want to approve this offer?" 5. Prompt message is closed.  - Approve Offer successfully. - Status of Offer is "Approved" - Copy of approved offer is pushed to internal site - Internal user can made order from this offer |  |
| [Cent-5] | Verify Audit history when approve offer successfully | | 1. Open "Approved" Offer which has been done in Test case [Cent-4]  2. Verify "Audit History" field saved after approved successfully | 2. "Audit history" is saved: - Offer created on: old value - Offer created by: old value - Change detail: new value show that Central Operator has approved this offer. Format : [Modified at]: [Modified By] <<Changed field>> “from” <<Old value>> “to” <<New value>> |  |
| [Cent-6] | Check concurrent user when 2 users approve one Offer at the same time | | 1. Log in system by a Central Operator 2. Open an Offer with status = "Submitted" and Offer# = XXXX 3. Login by another Central Operator 4. Open same document as step 2 5. Click on button [Approve] in 2 windows approve the same document 6. Click [OK] button in 2 windows to approve the same document. | 6. One window shows the approved is successful and another one displays error message |  |
| [Cent-7] | Check performance when open one "Submitted" Offer | | 1. Login the Central Site with Central Operator role. 2. Click on "Offer" link in the left menu. 3. Open one Offer in "Submitted" status and check the page load time | 3. Page load time is less than 5s |  |
| [Cent-8] | Check performance when Central Operator approve one Offer | | 1. Login the Central Site with Central Operator role. 2. Click on "Offer" link in the left menu. 3. Open one Offer in "Submitted" status 4. Click on button [Approve] and check the page load time 5. Click on button [OK] and check the page load time | 4. Page load time is less than 5s 5. Page load time is less than 5s |  |
|  | **2. View Internal request** | | |  |  |
| [Cent-9] | Verify only request with "Public" status can be viewed on central site | 1. Log in by user who having access right in the Central Site 2. Click on "Request" link in the left menu and verify requests which listed in central site | | 1. Log in successfully 2. List all requests which has status "Public" - Request have status "Open" and "Submitted" do not have in list |  |
| [Cent-10] | Verify request with "Public" status will be pushed to Central site | 1. Log in Internal site and public request with request# = xxxx 2. Log in by user who having access right in the Central Site 3. Click on "Request" link in the left menu and verify request# xxxx | | 3. This request with request#=xxxx is public in Central site successfully. |  |
| [Cent-11] | Verify that only Central Operator and Supplier have permission "View Internal Request" | 1. Login the Central Site with Central Operator role. 2. Click on "Request" link in the left menu. 3. Undo these 2 steps with Supplier role 4. Undo these 2 steps with Central Administrator role | | 1. Log in successful 2. Central operator can view request with status "Public" 3. Supplier can view request with status "Public" 2. Central Administrator can’t view request with status "Public" |  |
| [Cent-12] | Central Operator view detail Internal request with "Public" status successfully | 1. Login the Central Site with Central Operator role. 2. Click on "Request" link in the left menu. 3. Open one Internal request which have "Public" status | | 1. Log in successfully 2. List all requests which has public in the central site 3. Request is opened in view mode  - Central Operator can view detail information of "Public" request. |  |
| [Cent-13] | Supplier view detail Internal request with "Public" status successfully | 1. Login the Central Site with Supplier role. 2. Click on "Request" link in the left menu. 3. Open one Internal request which have "Public" status | | 1. Log in successfully 2. List all requests which has public in the central site 3. Request is opened in view mode  - Supplier can view detail information of "Public" request. |  |
| [Cent-14] | Verify GUI of Request view mode | 1. Login the Central Site with Central Operator or Supplier role. 2. Click on "Request" link in the left menu. 3. Open one Request in "Public" status 4. Verify User interface of the form Refer to Sheet "Request Screen" (Link in the "Note" Column) | | 4. User interface of the form meet requirement specification. |  |
|  | **3. Manage "Offer"** | | | | |
| [Cent-17] | Verify GUI of Offer view mode | 1. Login the Central Site with Central Operator or Supplier role. 2. Click on "Offer" link in the left menu. 3. Open one Offer 4. Verify User interface of the form Refer to Sheet "Offer Screen" (Link in the "Note" Column) | | 4. User interface of the form meet requirement specification. |  |
| [Cent-18] | Verify GUI of Offer in edit mode | 1. Login the Central Site with Central Operator or Supplier role. 2. Click on "Request" link in the left menu. 3. Open one Request in "Public" status 4. Verify User interface of the form Refer to Sheet "Request Screen" (Link in the "Note" Column) | | 4. User interface of the form meet requirement specification. |  |
| [Cent-19] | Supplier create offer successfully in case offer for specific request | 1. Login the Central Site with Supplier role. 2. Click on "Request" link in the left menu. 3. Check on one Request 4. Click on button [Offer Request] 5. Input valid data in all fields. Here are the required fields: - Category - Product - Offer Title - Offer price - Normal price - Min. Quantity - Valid until 6. Click on [Save] button 7. Re-open this offer to verify data saved | | 1. Log in successful 2. Request view list is opened. 4. "Offer" new form is opened 5. Data is inputted 6. System prompt message to show that you have submitted successfully - Data is saved - Status of Offer is "Open" 7. Data is displayed as inputted Here are auto-generate data saved after submit Offer: - Submitted date: date submit that offer - Discounted percentage: auto-calculate from [Offer Price] and [Normal Price] - Supplier information: - Offer#: is generated with following format: Type/Year/Month/Company Code/Sequence Number |  |
| [Cent-21] | Supplier create general offer successfully | 1. Login the Central Site with Supplier role. 2. Click on "Offer" link in the left menu. 3. Click on button [Create new item] 4. Input valid data in all fields. Here are the required fields: - Category - Product - Offer Title - Offer price - Normal price - Min. Quantity - Valid until 5. Click on [Submit] button 6. Re-open this offer to verify data saved | | 1. Log in successful 2. Offer view list is opened. 3. "Offer" new form is opened 4. Data is inputted 5. System prompt message to show that you have submitted successfully - Status of Offer is "Open" 6. Data is displayed as inputted Here are auto-generate data saved after submit Offer: - Submitted date: date submit that offer - Discounted percentage: auto-calculate from [Offer Price] and [Normal Price] - Supplier information: - Offer#: is generated with following format: Type/Year/Month/Company Code/Sequence Number |  |
| [Cent-23] | Supplier create offer unsuccessfully in case offer for specific request | 1. Login the Central Site with Supplier role. 2. Click on "Request" link in the left menu. 3. Check on one Request 4. Click on button [Offer Request] 5. Input invalid data in one or all fields.  6. Click on [Save] button | | 1. Log in successful 2. Request view list is opened. 4. "Offer" new form is opened 5. Data is inputted 6. System prompt error message to show that you have submitted unsuccessfully - Nothing is saved - System return to new form for you to correct the invalid field |  |
| [Cent-24] | Supplier create general offer unsuccessfully | 1. Login the Central Site with Supplier role. 2. Click on "Offer" link in the left menu. 3. Click on button [Create new item] 4. Input invalid data in one or all fields.  5. Click on [Submit] button | | 1. Log in successful 2. Offer view list is opened. 3. "Offer" new form is opened 4. Data is inputted 5. System prompt error message to show that you have submitted unsuccessfully - Nothing is saved - System return to new form for you to correct the invalid field |  |
| [Cent-27] | Check required fields when create offer successfully | 1. Log in the Central Site with Supplier role 2. Click on "Offer" link in the left menu. 3. Click on button [Create new item] 4. Not input data/ Input spaces only into fields: - Category - Product - Offer Title - Offer price - Normal price - Min. Quantity - Valid until 5. Click [Submit] button | | 1. Log in successful 2. Offer view list is opened. 3. "Offer" new form is opened 5. System shows error message "You must specify a value for this required field." next to these fields |  |
| [Cent-28] | Check validation of single line of text [Offer for request] | 1. Log in the Central Site with Supplier role 2. Click on "Offer" link in the left menu. 3. Click on button [Create new item] 4. Check validation of single line of text field [Offer for request] | | 1. Log in successful 2. Offer view list is opened. 3. "Offer" new form is opened 4. Auto-fill related [Request ID] if this offer is created for specific request.  Supplier can manually enter Request ID or using “Select Request” button to open search request view. Max length: 11 |  |
| [Cent-30] | Check max length for single line of text fields | 1. Log in the Central Site with Supplier role 2. Click on "Offer" link in the left menu. 3. Click on button [Create new item] 4. Enter the data more than 255 characters into following fields: - Unit - Offer Title | | 1. Log in successful 2. Offer view list is opened. 3. "Offer" new form is opened 4. System does not allow entering the data more than 255 characters. The cursor stop at final position |  |
| [Cent-31] | Check auto-trim for single line of text fields | 1. Log in the Central Site with Supplier role 2. Click on "Offer" link in the left menu. 3. Click on button [Create new item] 4. Enter the string with space at the first & last position into field [Unit], [Offer Title] and input valid data for all required fields. 5. Click [Submit] button | | 1. Log in successful 2. Offer view list is opened. 3. "Offer" new form is opened 5. System auto-trim space at the first & last position of string inputted |  |
| [Cent-32] | Check encode for single line of text fields | 1. Log in the Central Site with Supplier role 2. Click on "Offer" link in the left menu. 3. Click on button [Create new item] 4.Enter the text with html tag such as " <b> html text </b> " into following fields:  - Unit - Offer Title  5. Click [Submit] button | | 1. Log in successful 2. Offer view list is opened. 3. "Offer" new form is opened 5. Keep format of text as inputted |  |
| [Cent-33] | Check validation for rich text field | 1. Log in the Central Site with Supplier role 2. Click on "Offer" link in the left menu. 3. Click on button [Create new item] 3. Enter rich text into field: [Offer description] 4. Click on [Submit] button | | 1. Log in successfully 2. Offer view list is opened 3. System should allow entering rich text into this field. Vertical scroll bar should appear when lines of text longer than wide screen of field box 4. Text displays in multiple lines as inputted |  |
| [Cent-34] | Check validation for look-up field | 1. Log in the Central Site with Supplier role 2. Click on "Offer" link in the left menu. 3. Click on button [Create new item] 4. Verify values of look up field [Category] 5. Verify values of look up field [Product] 6. Verify values of look up field [Sub-Category 1] 7. Verify values of look up field [Sub-Category 2] 8. Verify sorting in look up fields: Category, Product, Sub-Category 1, Sub-Category 2 9. Select values in Category, Product, Sub-Category 1, Sub-Category 2 | | 1. Log in successful 2. Offer view list is opened. 3. "Offer" new form is opened 4. [Category] field is looked up from "Name" column of Category list with [Level] = 0 5. [Product] field is looked up from "Name" column of Product list with [Category ID] = ID of last available category/sub-category  6. [Sub-Category 1] field is looked up from "Name" column of Category list with [Level] = 1 7. [Sub-Category 2] field is looked up from "Name" column of Category list with [Level] = 2 8. Values in look up fields are sorted ascending 9. Category, Sub-Category 1, Sub-Category 2, Product are selected and display on Category, Sub-Category 1 and Sub-Category 2 fields. |  |
| [Cent-35] | Check validation for date picker | 1. Log in the Central Site with Supplier role 2. Click on "Offer" link in the left menu. 3. Click on button [Create new item] 4. Input date with valid format or select date from date picker to field 5. Click date picker to check displaying of calendar 6. Input date with invalid format in to date field 7. Input date with one of follow cases:  - Valid until is in the pass | | 1. Log in successful 2. Offer view list is opened. 3. "Offer" new form is opened 4. System allows input date or selects date from date picker 5. Calendar is displayed in English language. By default the highlight is on current date 6. System shows error message "Valid until is a date field. Please enter a valid date" 7. System shows error message "The value of this field cannot be sooner than today." |  |
| [Cent-36] | Check validation for number field | 1. Log in the Central Site with Supplier role 2. Click on "Offer" link in the left menu. 3. Click on button [Create new item] 4. Enter negative number to any number field:  - Min. Quantity - Max. Quantity - Offer Price - Normal Price 5. Enter a number more than 999999999 to any number field. 6. Enter Invalid format of number (String, real number) | | 1. Log in successful 2. Offer view list is opened. 3. "Offer" new form is opened 4+5+6. System show error message "The value of this field should be in numeric format." |  |
| [Cent-37] | Check relationship between [Minimum quantity] and [Maximum quantity] | 1. Log in the Central Site with Supplier role 2. Click on "Offer" link in the left menu. 3. Click on button [Create new item] 4. Input [Minimum quantity] > [Maximum quantity] | | 1. Log in successful 2. Offer view list is opened. 3. "Offer" new form is opened 4. System show error message "Maximum Quantity cannot be less than Minimum Quantity" |  |
| [Cent-38] | Verify only Supplier have permission "Create offer" | 1. Log in the Central Site with Central Operator or Central Administrator role 2. Click on "Offer" link in the left menu. | | 1. Log in successful 2. There's no button [Create new item] |  |
| [Cent-39] | Supplier update general offer in "Open" status successfully | 1. Log in the Central Site with Supplier role 2. Click on "Offer" link in the left menu 3. Open Offer in status "Open"  4. Click on button [Edit] 5. Update data in one/ all fields 6. Click on button [Save]  7. Reopen offer to verify data saved | | 1. Log in successful 2. Offer view list is opened. 3. Offer view mode is opened 4. Offer edit mode is opened 5. Data is updated successfully 6. Data is saved successfully - Status of offer is "Open" 7. Data is displayed as inputted |  |
| [Cent-40] | Verify audit history after update offer successfully | 1. Open "Open" Offer which has been done in Test case [Cent-19]  2. Verify "Audit History" field saved after updated offer successfully | | 2. "Audit history" is saved: - Offer created on: Date time - Offer created by: user account - Change detail: show that Supplier has updated this offer. |  |
| [Cent-41] | Supplier update general offer in "Open" status unsuccessfully | 1. Log in the Central Site with Supplier role 2. Click on "Offer" link in the left menu 3. Open Offer in status "Open"  4. Click on button [Edit] 5. Update invalid data in one/ all fields 6. Click on button [Save] | | 1. Log in successful 2. Offer view list is opened. 3. Offer view mode is opened 4. Offer edit mode is opened 5. Data is updated successfully 6. Data is saved unsuccessfully System prompt error message. |  |
| [Cent-43] | Supplier cannot update general offer in other status | 1. Log in the Central Site with Supplier role 2. Click on "Offer" link in the left menu 3. Open Offer in status which is not "Open" | | 1. Log in successful 2. Offer view list is opened 3. There's no button [Edit] |  |
| [Cent-44] | Supplier update offer for Specific request unsuccessfully incase miss deadline of this request | 1. Log in the Central Site with Supplier role 2. Click on "Offer" link in the left menu 3. Open Offer which offered for "Out of date" specific request | | 1. Log in successful 2. Offer view list is opened 3. There's no button [Edit] |  |
| [Cent-45] | Verify Supplier can only update Offer of himself | 1. Log in the Central Site with Supplier role 2. Click on "Offer" link in the left menu 3. Open Offer which offered by another supplier | | 1. Log in successful 2. Offer view list is opened 3. There's no button [Edit] |  |
| [Cent-46] | Verify that Central operator can view all "Offer" item | 1. Log in the Central Site with Central Operator role 2. Click on "Offer" link in the left menu 3. Open any offer to view detail information | | 1. Log in Successful 2. Central Operator can view all Offer which made by any Supplier 3. Central Operator can view detail information of Offer |  |
| [Cent-47] | Verify that Supplier can view all Offer which created by himself | 1. Log in the Central Site with Supplier role 2. Click on "Offer" link in the left menu 3. Open any offer which created by himself to view detail information | | 1. Log in Successful 2. List all offer that Supplier can view 3. Supplier can view detail information of Offer |  |
| [Cent-48] | Verify that Supplier can only view brief information of others’ specific offers (without supplier details information) | 1. Log in the Central Site with Supplier role 2. Click on "Offer" link in the left menu 3. Open any specific offer which is not created by himself to view detail information | | 1. Log in Successful 2. List all offer that Supplier can view 3. Supplier cannot view detail information of Offer |  |
| [Cent-49] | Verify that Supplier can only view others’ general offers in “Approved” or “Ordered Made” status | 1. Log in the Central Site with Supplier role 2. Click on "Offer" link in the left menu | | 1. Log in Successful 2. Supplier can only view detail of others’ general offers in “Approved” or “Ordered Made” status |  |
| [Cent-50] | Check performance when click [Create new item] button | 1. Log in the Central Site with Supplier role 2. Click on "Offer" link in the left menu. 3. Click on button [Create new item] and check the page time load | | 3. Page load time is less than 5s |  |
|  | **4. View Internal Order** | | | | |
| [Cent-57] | Test GUI of "Order" form | 1. Log in by user who having access right in the Central Site 2. Click on "Order" link in the left menu. 3. Open one Order  4. Verify User interface of the form Refer to Sheet "Order Screen" (Link in the "Note" Column) | | 4. User interface of the form meet requirement specification. |  |
| [Cent-58] | Verify Central Operator can view all internal orders | 1. Log in the Central Site with Central Operator role 2. Click on "Order" link in the left menu 3. Open any order to view detail information | | 1. Log in successfully 2. List all orders in Central site 3. Operator can view detail information of order |  |
| [Cent-59] | Verify central Operator can view internal Order as soon as it has been made from internal site | 1. Log in the Internal Site with Internal user role 2. Click on "Offer" link in the left menu and order on one offer. 3. Log in the Central site with Central operator role 4. Click on "Order" link in the left menu 5. Open order have [Order#]= xxxx to view detail information | | 1. Log in successfully 2. Ordered successfully. New order is made with [Order#] = xxxx 3. Log in successfully 4. Order with [Order#] = xxxx is displayed on list 5. Operator can view detail information of order |  |
| [Cent-60] | Verify Central Administrator can view all internal Orders | 1. Log in the Central Site with Central Administrator role 2. Click on "Order" link in the left menu 3. Open any order to view detail information | | 1. Log in successfully 2. List all orders in Central site 3. Administrator can view detail information of order |  |
| [Cent-61] | Verify central Administrator can view internal Order as soon as it has been made from internal site | 1. Log in the Internal Site with Internal user role 2. Click on "Offer" link in the left menu and order on one offer. 3. Log in the Central site with Central administrator role 4. Click on "Order" link in the left menu 5. Open order have [Order#]= xxxx to view detail information | | 1. Log in successfully 2. Ordered successfully. New order is made with [Order#] = xxxx 3. Log in successfully 4. Order with [Order#] = xxxx is displayed on list 5. Administrator can view detail information of order |  |
| [Cent-62] | Verify Supplier can only view all internal Orders which created from his own offer | 1. Log in the Central Site with Supplier role 2. Click on "Order" link in the left menu 3. Open any order to view detail information | | 1. Log in successfully 2. List all orders which has been created from his offer 3. Supplier can view detail information of order which made from his offer |  |
| [Cent-63] | Verify Supplier can view internal Order as soon as it has been made from his offer in internal site | 1. Log in the Internal Site with Internal user role 2. Click on "Offer" link in the left menu and order on one offer of supplier A. 3. Log in the Central site with supplier A 4. Click on "Order" link in the left menu 5. Open order have [Order#]= xxxx to view detail information | | 1. Log in successfully 2. Ordered successfully. New order is made with [Order#] = xxxx 3. Log in successfully 4. Order with [Order#] = xxxx is displayed on list 5. Supplier can view detail information of this order |  |
|  | **5. Confirm Order** |  | |  |  |
| [Cent-64] | Test GUI of "Order" form | 1. Log in by user who having access right in the Central Site 2. Click on "Order" link in the left menu. 3. Open one Order  4. Verify User interface of the form Refer to Sheet "Order Screen" (Link in the "Note" Column) | | 4. User interface of the form meet requirement specification. |  |
| [Cent-65] | Supplier confirmed "Order" successfully | 1. Log in Central site by Supplier role 2. Open "order" link in the left menu 3. Open one order with "Submitted" status 4. Click on button [Confirmed] 5. Click on button [OK] | | 1. Log in successful 2. Order view list is opened 3. Order form is open 4. Prompt message "Are you sure you want to confirm this order?" 5. Confirmed order successfully - Status of order is changed to confirmed |  |
| [Cent-66] | Verify audit history saved after confirmed successful | 1. Open "Confirmed" Order which has been done in Test case [Cent-65]  2. Verify "Audit History" field saved after confirm order successfully | | 2. "Audit history" is saved: - Offer created on: Date time - Offer created by: user account - Change detail: show that Supplier has confirm order. Format : [Modified at]: [Modified By] <<Changed field>> “from” <<Old value>> “to” <<New value>> |  |
| [Cent-67] | Verify status of offer changed after confirm order successfully (Incase of specific offer) | 1. Supplier confirmed order successfully (with specific offer) 2. Open related offer to verify status | | 2. Status of related offer is changed to "Processed" |  |
| [Cent-68] | Verify audit history of related offer saved after confirmed successful | 1. Supplier confirmed order successfully (with specific offer) 2. Open related offer to verify "Audit History" field saved after confirm order successfully | | 2. "Audit history" is saved: - Offer created on: Date time - Offer created by: user account - Change detail: show that Supplier has confirm order. Format : [Modified at]: [Modified By] <<Changed field>> “from” <<Old value>> “to” <<New value>> |  |
| [Cent-69] | Verify status of request changed after confirm order successfully | 1. Supplier confirmed order successfully (with specific offer) 2. Open related request to verify status | | 2. Status of related request is changed to "Successful" |  |
| [Cent-74] | Supplier cancel confirm order | 1. Log in Central site by Supplier role 2. Open "order" link in the left menu 3. Open one order with "Submitted" status 4. Click on button [Confirmed] 5. Click on button [Cancel] | | 1. Log in successful 2. Order view list is opened 3. Order form is open 4. Prompt message "Are you sure you want to confirm this order?" 5. Confirmed order unsuccessfully - No Update to audit history - Status of order is "Submitted" |  |
| [Cent-75] | Check performance when click [Confirm] button | 1. Log in Central site by Supplier role 2. Open "order" link in the left menu 3. Open one order with "Submitted" status 4. Click on button [Confirmed] and check the page time load | | 4. Page load time is less than 5s |  |
|  | **6. Close Offer** |  | |  |  |
| [Cent-79] | Verify GUI of Offer view mode | 1. Login the Central Site with Central Operator or Supplier role. 2. Click on "Offer" link in the left menu. 3. Open one Offer 4. Verify User interface of the form Refer to Sheet "Offer Screen" (Link in the "Note" Column) | | 4. User interface of the form meet requirement specification. |  |
| [Cent-80] | Supplier close Offer successfully | 1. Log in Central site with Supplier role 2. Click on "Offer" link In the left menu 3. Open one Offer in status "Open" 4. Click on button [Close] 5. Click on button [OK] 6. Input data in all field and click on button [OK] | | 1. Log in successfully 2. Offer view list is opened 3. Offer is opened 4. System prompt message "Are you sure you want to close this offer?" with 2 button [OK], [Cancel] 5. System prompt pop-up window with below fields: - Reason: Look up field - Other reason: multiple line of text - OK, Cancel: 2 buttons 6. Close Offer successfully. - Audit history is saved - Status of offer is changed to "Closed" |  |
| [Cent-81] | Verify audit history after close Offer successfully | 1. Supplier close Offer successfully  2. Open this offer to verify "Audit History" field saved after close offer successfully | | 2. "Audit history" is saved: - Offer created on: Date time - Offer created by: user account - Change detail: show that Supplier has closed offer. Format : [Modified at]: [Modified By] <<Changed field>> “from” <<Old value>> “to” <<New value>> |  |
| [Cent-82] | Verify Offer auto-close incase [Current Ordered Quantity] is less than [Minimum Quantity] after deadline | 1. Log in Central site with Supplier role 2. Click on "Offer" link In the left menu 3. Open one Offer which has [Current Ordered Quantity] is less than [Minimum Quantity] after deadline | | 3. This Offer's status is "Closed" [Close reason] is "Out of date" |  |
| [Cent-85] | Check required field [Other reason] when [Reason] = "Others" | 1. Log in Central site with Supplier role 2. Click on "Offer" link In the left menu 3. Open one Offer in status "Open" 4. Click on button [Close] 5. Click on button [OK] 6. Not input data/ space only in field [Other reason] - Select "Other reason" in lookup field [Reason] | | 6. System shows error message "You must select one closing reason or enter text into “Other Reason” textbox" |  |
| [Cent-86] | Verify look up field [Reason] | 1. Log in Central site with Supplier role 2. Click on "Offer" link In the left menu 3. Open one Offer in status "Open" 4. Click on button [Close] 5. Click on button [OK] 6. Verify values of look up field [Reason] 7. Verify sorting in look up field [Reason] 8. Select values in Reason 9. Add new reason in "Manage configuration" and verify it will displayed in lookup field | | 1. Log in successfully 2. Offer view list is opened 3. Offer is opened 4. System prompt message "Are you sure you want to close this offer?" with 2 button [OK], [Cancel] 5. System prompt pop-up window with below fields: - Reason: Look up field - Other reason: multiple line of text - OK, Cancel: 2 buttons 6. [Reason] field is looked up from "Name" column of Reason list in "Manage configuration" Default value is the first value in the drop list  7. Values in look up field are sorted ascending 8. Reason is selected and display on Reason field. 9. New value is displayed on lookup field |  |
| [Cent-87] | Verify multiple line of text [Other reason] | 1. Log in Central site with Supplier role 2. Click on "Offer" link In the left menu 3. Open one Offer in status "Open" 4. Click on button [Close] 5. Click on button [OK] 6. Enter multiple line of text into field: [Other reason] 4. Click on [OK] button | | 1. Log in successfully 2. Offer view list is opened 3. Offer is opened 4. System prompt message "Are you sure you want to close this offer?" with 2 button [OK], [Cancel] 5. System prompt pop-up window with below fields: - Reason: Look up field - Other reason: multiple line of text - OK, Cancel: 2 buttons 6. System should allow entering multiple line of text into this field. Vertical scroll bar should appear when lines of text longer than wide screen of field box 7. Text displays in multiple lines as inputted |  |
| [Cent-88] | Check only Supplier have permission "Close Offer" with Offer created by himself | 1. Log in Central site with Central operator role 2. Open Offer in "Open" status 3. Do these 2 step with Central Administrator role | | 2. There's no button [Close] 3. There's no button [Close] |  |
| [Cent-89] | Check performance when click on [Close] button | 1. Log in Central site with Supplier role 2. Click on "Offer" link In the left menu 3. Open one Offer in status "Open" 4. Click on button [Close] and check the page time load | | 4. Page load time is less than 5s |  |
|  | **7. Export to excel** | | | | |
| [Cent-92] | Verify GUI of Exporting form | 1. Login the Central Site with Central Operator or Supplier role. 2. Click on "Export" link in the left menu. 3. Verify User interface of the form Refer to Sheet "Exporting Screen" (Link in the "Note" Column) | | 3. User interface of the form meet requirement specification. |  |
| [Cent-93] | User export Request successfully | 1. User log in the Central Site 2. Click on "Export" link in the left menu 3. Choose radio button of field [Select Object to Export] is "Request" 4. Input data in all field. Below are required fields: - Category condition - Sub-Category1 condition (If any) - Sub-Category2 condition (If any) - Status - Company - Fields to export  5. Click on button [Export] | | 1. Log in successfully 2. Export new form is opened 3. Radio button "Request" is selected 4. Data is inputted 5. System export to file .exe with all records that satisfy the condition. |  |
| [Cent-94] | User export Offer successfully | 1. User log in the Central Site 2. Click on "Export" link in the left menu 3. Choose radio button of field [Select Object to Export] is "Offer" 4. Input data in all field. Below are required fields: - Category condition - Sub-Category1 condition (If any) - Sub-Category2 condition (If any) - Status - Company - Fields to export  5. Click on button [Export] | | 1. Log in successfully 2. Export new form is opened 3. Radio button "Offer" is selected 4. Data is inputted 5. System export to file .exe with all records that satisfy the condition. |  |
| [Cent-95] | User export Order successfully | 1. User log in the Central Site 2. Click on "Export" link in the left menu 3. Choose radio button of field [Select Object to Export] is "Order" 4. Input data in all field. Below are required fields: - Category condition - Sub-Category1 condition (If any) - Sub-Category2 condition (If any) - Status - Company - Fields to export  5. Click on button [Export] | | 1. Log in successfully 2. Export new form is opened 3. Radio button "Order" is selected 4. Data is inputted 5. System export to file .exe with all records that satisfy the condition. |  |
| [Cent-96] | User export Request successfully based on old template | 1. User log in the Central Site 2. Click on "Export" link in the left menu 3. Select old template of "Request" in lookup field [Select Export Template]  4. Click on button [Export] | | 1. Log in successfully 2. Export new form is opened 3. Template is selected. Export form is load the template 4. System export to file .exe with all records that satisfy the condition. |  |
| [Cent-97] | User export Offer successfully based on old template | 1. User log in the Central Site 2. Click on "Export" link in the left menu 3. Select old template of "Offer" in lookup field [Select Export Template]  4. Click on button [Export] | | 1. Log in successfully 2. Export new form is opened 3. Template is selected. Export form is load the template 4. System export to file .exe with all records that satisfy the condition. |  |
| [Cent-98] | User export Order successfully based on old template | 1. User log in the Central Site 2. Click on "Export" link in the left menu 3. Select old template of "Order" in lookup field [Select Export Template]  4. Click on button [Export] | | 1. Log in successfully 2. Export new form is opened 3. Template is selected. Export form is load the template 4. System export to file .exe with all records that satisfy the condition. |  |
| [Cent-99] | Verify data exported in export file (.xls) | 1. User in Central site export request/offer/order successfully  2. Open file .xls to verify data exported | | 1. Export successfully 2. File excel list all request/offer/order that satisfy the condition Columns are fields that user have selected in "Select Fields to export" |  |
| [Cent-100] | User save as new template successfully | 1. User log in the Central Site 2. Click on "Export" link in the left menu 3. Input data in field. 4. Click on button [Save as new template] 5. Input name of new template and click button [Save] 6. Reopen this template to verify data saved | | 1. Log in successfully 2. Export new form is opened 3. Data is inputted 4. System prompt pop up window to enter the name of new template 5. Save as new template successfully 6. Data is saved as inputted |  |
| [Cent-101] | User update template successfully | 1. User log in the Central Site 2. Click on "Export" link in the left menu 3. Open one template export 4. Update data in field. 5. Click on button [Update template] 6. Reopen this template to verify data saved | | 1. Log in successfully 2. Export new form is opened 3. Template is opened 4. Data is inputted 5. Update template successfully 6. Data is saved as inputted |  |
| [Cent-102] | User delete template successfully | 1. User log in the Central Site 2. Click on "Export" link in the left menu 3. Open one template export 4. Click on button [Delete template] 5. Click on button [OK] 6. Reopen Export form to verify if template is deleted | | 1. Log in successfully 2. Export new form is opened 3. Template is opened 4. System prompt message "Are you sure you want to delete this template?" 5. Delete template successfully 6. Template that has been deleted is not listed in lookup field [Select Export Template] |  |
| [Cent-103] | Verify [Add all] button of "Select Fields to Export" | 1. User opens Export form to input data 2. Click on button [Add all] | | 1. Export form is opened 2. All fields in "Available Fields" are added to "Selected Fields" There're no field in "Available Fields" |  |
| [Cent-104] | Verify [Add] button of "Select Fields to Export" | 1. User open Export form to input data 2. Check on some check box field in "Available Fields" 3. Click on button [Add] | | 1. Export form is opened 2. Fields are checked 3. Fields which are checked in "Available Fields" is added to "Selected Fields" These fields are not displayed in "Available Fields" |  |
| [Cent-105] | Verify [Remove] button of "Select Fields to Export" | 1. User opens Export form to input data 2. Check on some check box field in "Selected Fields" 3. Click on button [Remove] | | 1. Export form is opened 2. Fields are checked 3. Fields which are checked in "Selected Fields" are removed  These fields are moved to "Available Fields" |  |
| [Cent-106] | Verify [Remove all] button of "Select Fields to Export" | 1. User open Export form to input data 2. Click on button [Remove all] | | 1. Export form is opened 2. All fields in "Selected Fields" are removed  These fields are moved to "Available Fields" |  |
| [Cent-107] | Verify "All" link of Export condition | 1. User open Export form to input data 2. Click on "All" link of "Category" 3. Click on "All" link of "Sub Category 1" 4. Click on "All" link of "Sub Category 2" 5. Click on "All" link of "Status(es)" | | 1. Export form is opened 2. All check boxes of "Category" are checked 3. All check boxes of "Sub Category 1" are checked 4. All check boxes of "Sub Category 2" are checked 5. All check boxes of "Status(es)" are checked |  |
| [Cent-108] | Verify "None" link of Export condition | 1. User open Export form to input data 2. Click on "None" link of "Category" 3. Click on "None" link of "Sub Category 1" 4. Click on "None" link of "Sub Category 2" 5. Click on "None" link of "Status(es)" | | 1. Export form is opened 2. All check boxes of "Category" are unchecked 3. All check boxes of "Sub Category 1" are unchecked 4. All check boxes of "Sub Category 2" are unchecked 5. All check boxes of "Status(es)" are unchecked |  |
| [Cent-109] | Verify if there's no record satisfy the Export condition | 1. User log in Central site  2. Click on "Export" link in the left menu 3. Input valid data in all field. Choose export condition that d not have any record 4. Click on button [Export] | | 1. Log in successfully 2. Export new form is opened 3. Data is inputted 4. System prompt message to show that there's no record satisfy your export condition |  |
| [Cent-110] | Verify look up field [Select export template] | 1. User log in Central Site 2. Click on "Export" link in the left menu. 3. Verify values of look up field [Select export template] 4. Verify sorting in look up field [Select Export template] 5. Select values in [Select Export template] | | 1. Log in successful 2. "Export" new form is opened 3. [Select export template] field is looked up from Name of all templates that created by himself only Default value is the first value in the drop list  4. Values in look up fields are sorted ascending 5. Templates are selected and display on [Select export template] field. |  |
| [Cent-111] | Check validation of radio button [Select Object to export] | 1. User log in Central site 2. Click on "Export" link in the left menu. 3. Verify values of [Select Object to export] radio button 4. Tick on the "Request", "Offer" or "Order" radio button | | 1. Log in successful 2. "Export" new form is opened 3. There are three options in field [Select Object to export]: - Request - Offer - Order 4. System should allow to tick on the "Request", "Offer" or "Order" radio button |  |
| [Cent-112] | Check validation of check box fields | 1. User log in Central site 2. Click on "Export" link in the left menu. 3. Check on value of below fields: - Category - Sub Category 1 - Sub Category 2 - Status(es) - Available fields - Selected fields 4. Uncheck on value of below fields: - Category - Sub Category 1 - Sub Category 2 - Status(es) - Available fields - Selected fields | | 1. Log in successful 2. "Export" new form is opened 3. System allows to check on value of these fields 4. System allow to uncheck value of these fields |  |
| [Cent-113] | Check validation of date picker field | 1. User log in Central site 2. Click on "Export" link in the left menu. 3. Input date with valid format or select date from date picker to field 4. Click date picker to check displaying of calendar 5. Input date with invalid format in to date field 6. Input date with one of follow cases:  - "From" is later than "To" | | 1. Log in successful 2. "Export" new form is opened 3. System allows inputting date or selects date from date picker 4. Calendar is displayed in English language. By default the highlight is on current date 5. System shows error message "Valid until is a date field. Please enter a valid date" 6. System shows error message |  |
| [Cent-114] | Check performance when export one file with 50-100 records | 1. User export one template with about 100 record and check the time to generate this .xls file | | 1. Time should be …. |  |
| [Cent-115] | Check performance when export one file with about 1000 records | 1. User export one template with about 1000 record and check the time to generate this .xls file | | 1. Time should be …. |  |
|  | **8. Manage Category** | | | | |
| [Cent-116] | Verify GUI of Category form | 1. Login the Central Site with Central Administrator role. 2. Click on "Manage category" link in the left menu. 3. Open one category 4. Verify User interface of the form Refer to Sheet "Manage Category Screen" (Link in the "Note" Column) | | 4. User interface of the form meet requirement specification. |  |
| [Cent-117] | Central administrator create new Category successfully | 1. Log in Central site with Central administrator role 2. Click on link "Manage Category" in the left menu 3. Click on button [Create new Category] 4. Input data in all fields. Here're the required fields:  - Category ID - Category Name - Level - Parent Category ID (Incase level != 0) 5. Click on button [Save] | | 1. Log in successfully 2. Category list is opened 3. Category new form is opened 4. Data is inputted 5. Create new category successfully. New category is displayed on list |  |
| [Cent-119] | Check data load on lookup fields: - Category - Category sub-1 - Category sub-2 | 1. Central administrator create new Category  2. Open Offer, request form to verify new category added in look up field [Category] | | 1. Create new category successfully 2. New value is added in lookup field |  |
| [Cent-121] | Check required field when create new category | 1. Log in Central site with Central administrator role 2. Click on link "Manage Category" in the left menu 3. Click on button [Create new Category] 4. Not input data/ space only in field [Category ID] and input valid data in all other field. Click [Save] button 5. Not input data/ space only in field [Category Name] and input valid data in all other field. Click [Save] button 6. Not input data/ space only in field [Level] and input valid data in all other field. Click [Save] button 7. Not input data/ space only in field [Parent Category ID] and input valid data in all other field. Click [Save] button | | 1. Log in successfully 2. Category list is opened 3. Category new form is opened 4. System prompt error message: "You must specify a value for this required field." next to field  5. System prompt error message: "You must specify a value for this required field." next to field  6. System prompt error message: "You must specify a value for this required field." next to field  7. System prompt error message "You must specify a value for this required field." next to field |  |
| [Cent-122] | Check max length for single line of text fields | 1. Log in Central site with Central administrator role 2. Click on link "Manage Category" in the left menu 3. Click on button [Create new Category] 4. Enter the data more than 255 characters into following field [Category Name] 5. Enter the data more than 5 characters into following field [Category ID] and [Parent Category ID] | | 1. Log in successfully 2. Category list is opened 3. Category new form is opened 4. System does not allow entering the data more than 255 characters. The cursor stop at final position 5. System does not allow entering the data more than 5 characters. The cursor stop at final position |  |
| [Cent-123] | Check auto-trim for single line of text fields | 1. Log in Central site with Central administrator role 2. Click on link "Manage Category" in the left menu 3. Click on button [Create new Category] 4. Enter the string with space at the first & last position into field [Category ID], [Category Name] and input valid data for all required fields. 5. Click [Save] button | | 1. Log in successfully 2. Category list is opened 3. Category new form is opened 5. System auto-trim space at the first & last position of string inputted |  |
| [Cent-124] | Check validation of field [Parent Category ID] | 1. Log in Central site with Central administrator role 2. Click on link "Manage Category" in the left menu 3. Click on button [Create new Category] 4. Enter invalid Parent category ID into field [Parent category ID] 5. Click on button [Save] | | 1. Log in successfully 2. Category list is opened 3. Category new form is opened 5. System prompt error message that the inputted ID is not existed |  |
| [Cent-125] | Check validation for number field | 1. Log in Central site with Central administrator role 2. Click on link "Manage Category" in the left menu 3. Click on button [Create new Category] 4. Enter negative number to number field [Level] 5. Enter a number more than 2 to number field. 6. Enter Invalid format of number (String, real number) | | 1. Log in successfully 2. Category list is opened 3. Category new form is opened 4+5+6. System show error message "The value of this field should be in numeric format." |  |
| [Cent-126] | Central administrator update one Category successfully | 1. Log in Central site with Central administrator role 2. Click on link "Manage Category" in the left menu 3. Open one Category and click on button [Edit] 4. Edit data in all fields. Here're the required fields: - Category Name - Level - Parent Category ID (Incase level != 0) 5. Click on button [Save] | | 1. Log in successfully 2. Category list is opened 3. Category edit form is opened 4. Data is inputted 5. Update category successfully. New value of category is displayed on list |  |
| [Cent-128] | Check data load on lookup fields: - Category - Category sub-1 - Category sub-2 | 1. Central administrator update Category  2. Open Offer, request form to verify category edited in look up field [Category] | | 1. Update category successfully 2. New value is edited in lookup field |  |
| [Cent-131] | Check only Central administrator have permission on Manage Category | 1. Log in Central site with Central operator role 2. Log in Central site with Supplier role | | 1. There's no link "Manage Category" 2. There's no link "Manage Category" |  |
| [Cent-132] | Central Administrator delete one Category successfully | 1. Log in Central site with Central administrator role 2. Click on link "Manage Category" in the left menu 3. Open one Category and click on button [Delete] 4. Click on button [OK] | | 1. Log in successfully 2. Category list is opened 3. Category form is opened 4. Delete category successfully |  |
| [Cent-133] | Check data load on lookup fields: - Category - Category sub-1 - Category sub-2 | 1. Central administrator delete Category  2. Open Offer, request form to verify category deleted in look up field [Category] | | 1. Delete category successfully 2. The deleted Category is not displayed on lookup field anymore |  |
|  | **9. Manage Product** | | | | |
| [Cent-139] | Verify GUI of Product form | 1. Login the Central Site with Central Administrator role. 2. Click on "Manage Product" link in the left menu. 3. Open one Product 4. Verify User interface of the form Refer to Sheet "Product Screen" (Link in the "Note" Column) | | 4. User interface of the form meet requirement specification. |  |
| [Cent-140] | Central administrator create new Product successfully | 1. Log in Central site with Central administrator role 2. Click on link "Manage Product" in the left menu 3. Click on button [Create new Product] 4. Input data in all fields. Here're the required fields:  - Product Name - Category ID 5. Click on button [Save] | | 1. Log in successfully 2. Product list is opened 3. Product new form is opened 4. Data is inputted 5. Create new Product successfully. New Product is displayed on list |  |
| [Cent-142] | Check data load on lookup fields [Product] | 1. Central administrator create new Product  2. Open Offer, request form to verify new Product added in look up field [Product] | | 1. Create new Product successfully 2. New value is added in lookup field |  |
| [Cent-144] | Check required field when create new Product | 1. Log in Central site with Central administrator role 2. Click on link "Manage Product" in the left menu 3. Click on button [Create new Product] 4. Not input data/ space only in field [Product Name] and input valid data in all other field. Click [Save] button 5. Not input data/ space only in field [Category ID] and input valid data in all other field. Click [Save] button | | 1. Log in successfully 2. Product list is opened 3. Product new form is opened 4. System prompt error message: "You must specify a value for this required field." next to field  5. System prompt error message "You must specify a value for this required field." next to field |  |
| [Cent-146] | Check auto-trim for single line of text fields | 1. Log in Central site with Central administrator role 2. Click on link "Manage Product" in the left menu 3. Click on button [Create new Product] 4. Enter the string with space at the first & last position into field [Product Name] and input valid data for all required fields. 5. Click [Save] button | | 1. Log in successfully 2. Product list is opened 3. Product new form is opened 5. System auto-trim space at the first & last position of string inputted |  |
| [Cent-147] | Check encode for single line of text fields | 1. Log in Central site with Central administrator role 2. Click on link "Manage Product" in the left menu 3. Click on button [Create new Product] 4.Enter the text with html tag such as " <b> html text </b> " into following field [Product Name] 5. Click [Save] button | | 1. Log in successfully 2. Product list is opened 3. Product new form is opened 5. Keep format of text as inputted |  |
| [Cent-148] | Check validation of field [Category ID] | 1. Log in Central site with Central administrator role 2. Click on link "Manage Product" in the left menu 3. Click on button [Create new Product] 4. Enter invalid Category ID into field [Category ID] 5. Click on button [Save] | | 1. Log in successfully 2. Product list is opened 3. Product new form is opened 5. System prompt error message that the inputted ID is not existed |  |
| [Cent-149] | Central administrator update one Product successfully | 1. Log in Central site with Central administrator role 2. Click on link "Manage Product" in the left menu 3. Open one Product and click on button [Edit] 4. Edit data in all fields. Here're the required fields: - Product Name - Category ID 5. Click on button [Save] | | 1. Log in successfully 2. Product list is opened 3. Product edit form is opened 4. Data is inputted 5. Update Product successfully. New value of Product is displayed on list |  |
| [Cent-151] | Check data load on lookup field [Product] | 1. Central administrator update Product  2. Open Offer, request form to verify Product edited in look up field [Product] | | 1. Update Product successfully 2. New value is edited in lookup field |  |
| [Cent-154] | Check only Central administrator have permission on Manage Product | 1. Log in Central site with Central operator role 2. Log in Central site with Supplier role | | 1. There's no link "Manage Product" 2. There's no link "Manage Product" |  |
| [Cent-155] | Central Administrator delete one Product successfully | 1. Log in Central site with Central administrator role 2. Click on link "Manage Product" in the left menu 3. Open one Product and click on button [Delete] 4. Click on button [OK] | | 1. Log in successfully 2. Product list is opened 3. Product form is opened 4. Delete Product successfully |  |
| [Cent-156] | Check data load on lookup field [Product] | 1. Central administrator delete Product  2. Open Offer, request form to verify Product deleted in look up field [Product] | | 1. Delete Product successfully 2. The deleted Product is not displayed on lookup field anymore |  |
|  | **10. Manage Supplier** | | | | |
| [Cent-162] | Verify GUI of Supplier form | 1. Login the Central Site with Central Administrator role. 2. Click on "Manage Supplier" link in the left menu. 3. Open one Supplier 4. Verify User interface of the form Refer to Sheet "Supplier Screen" (Link in the "Note" Column) | | 4. User interface of the form meet requirement specification. |  |
| [Cent-163] | Central administrator create new Supplier successfully | 1. Log in Central site with Central administrator role 2. Click on link "Manage Supplier" in the left menu 3. Click on button [Create new Supplier] 4. Input data in all fields. Here're the required fields:  - Supplier Name - Address - Email - Phone 5. Click on button [Save] | | 1. Log in successfully 2. Supplier list is opened 3. Supplier new form is opened 4. Data is inputted 5. Create new Supplier successfully. New Supplier is displayed on list |  |
| [Cent-166] | Check required field when create new Supplier | 1. Log in Central site with Central administrator role 2. Click on link "Manage Supplier" in the left menu 3. Click on button [Create new Product] 4. Not input data/ space only in field [Supplier Name] and input valid data in all other field. Click [Save] button 5. Not input data/ space only in field [Address] and input valid data in all other field. Click [Save] button 6. Not input data/ space only in field [Email] and input valid data in all other field. Click [Save] button 7. Not input data/ space only in field [Phone] and input valid data in all other field. Click [Save] button | | 1. Log in successfully 2. Supplier list is opened 3. Supplier new form is opened 4. System prompt error message: "You must specify a value for this required field." next to field  5. System prompt error message: "You must specify a value for this required field." next to field  6. System prompt error message: "You must specify a value for this required field." next to field 7. System prompt error message "You must specify a value for this required field." next to field |  |
| [Cent-167] | Check max length for single line of text fields | 1. Log in Central site with Central administrator role 2. Click on link "Manage Supplier" in the left menu 3. Click on button [Create new Supplier] 4. Enter the data more than 255 characters into field [Supplier Name] and [Email] 5. Enter the data more than 20 characters into field [Phone] | | 1. Log in successfully 2. Supplier list is opened 3. Supplier new form is opened 4. System does not allow entering the data more than 255 characters. The cursor stop at final position 5. System does not allow entering the data more than 20 characters. The cursor stop at final position |  |
| [Cent-168] | Check auto-trim for single line of text fields | 1. Log in Central site with Central administrator role 2. Click on link "Manage Supplier" in the left menu 3. Click on button [Create new Supplier] 4. Enter the string with space at the first & last position into field [Supplier Name], [Phone], [Email]  5. Click [Save] button | | 1. Log in successfully 2. Supplier list is opened 3. Supplier new form is opened 5. System auto-trim space at the first & last position of string inputted |  |
| [Cent-169] | Check encode for single line of text fields | 1. Log in Central site with Central administrator role 2. Click on link "Manage Supplier" in the left menu 3. Click on button [Create new Supplier] 4.Enter the text with html tag such as " <b> html text </b> " into following field [Supplier Name], [Email], [Phone] 5. Click [Save] button | | 1. Log in successfully 2. Supplier list is opened 3. Supplier new form is opened 5. Keep format of text as inputted |  |
| [Cent-170] | Verify multiple line of text [Address] | 1. Log in Central site with Central administrator role 2. Click on link "Manage Supplier" in the left menu 3. Click on button [Create new Supplier] 4. Enter multiple line of text into field: [Address] 5. Click on [Save] button | | 1. Log in successfully 2. Supplier list is opened 3. Supplier new form is opened 4. System should allow entering multiple line of text into this field. Vertical scroll bar should appear when lines of text longer than wide screen of field box 5. Text displays in multiple lines as input |  |
| [Cent-171] | Central administrator update one Supplier successfully | 1. Log in Central site with Central administrator role 2. Click on link "Manage Supplier" in the left menu 3. Open one Supplier and click on button [Edit] 4. Edit data in all fields. Here're the required fields: - Supplier Name - Email - Address - Phone 5. Click on button [Save] | | 1. Log in successfully 2. Supplier list is opened 3. Supplier edit form is opened 4. Data is inputted 5. Update Supplier successfully. New value of Supplier is displayed on list |  |
| [Cent-172] | Verify audit history saved after update successfully | 1. Central administrator update Supplier successfully 2. Open Supplier to verify "Audit History" field saved after update Supplier successfully | | 2. "Audit history" is saved: - Created on: Date time - Created by: user account - Change detail: show that Central administrator has updated Supplier successfully. Format : [Modified at]: [Modified By] <<Changed field>> “from” <<Old value>> “to” <<New value>> |  |
| [Cent-173] | Central Administrator cancel updating Supplier | 1. Log in Central site with Central administrator role 2. Click on link "Manage Supplier"  3. Open one Supplier and click on button [Edit] 4. Input data in all fields.  5. Click on button [Cancel] | | 1. Log in successfully 2. Supplier list is opened 3. Supplier edit form is opened 4. Data is inputted 5. Update Supplier unsuccessfully. Nothing is saved System returned to previous page |  |
| [Cent-175] | Check only Central administrator have permission on Manage Supplier | 1. Log in Central site with Central operator role 2. Log in Central site with Supplier role | | 1. There's no link "Manage Supplier" 2. There's no link "Manage Supplier" |  |
| [Cent-176] | Central Administrator delete one Supplier successfully | 1. Log in Central site with Central administrator role 2. Click on link "Manage Supplier" in the left menu 3. Open one Supplier and click on button [Delete] 4. Click on button [OK] | | 1. Log in successfully 2. Supplier list is opened 3. Supplier form is opened 4. Delete Supplier successfully |  |
|  | **11. Manage member** | | | | |
| [Cent-182] | Verify GUI of Member form | 1. Login the Central Site with Central Administrator role. 2. Click on "Manage Member" link in the left menu. 3. Open one Member 4. Verify User interface of the form Refer to Sheet "Member Screen" (Link in the "Note" Column) | | 4. User interface of the form meet requirement specification. |  |
| [Cent-183] | Central administrator create new Member successfully | 1. Log in Central site with Central administrator role 2. Click on link "Manage Member" in the left menu 3. Click on button [Create new Member] 4. Input data in all fields. Here're the required fields:  - Member Name - Address - Email - Phone 5. Click on button [Save] | | 1. Log in successfully 2. Member list is opened 3. Member new form is opened 4. Data is inputted 5. Create new Member successfully. New Member is displayed on list |  |
| [Cent-186] | Check required field when create new Member | 1. Log in Central site with Central administrator role 2. Click on link "Manage Member" in the left menu 3. Click on button [Create new Product] 4. Not input data/ space only in field [Member Name] and input valid data in all other field. Click [Save] button 5. Not input data/ space only in field [Address] and input valid data in all other field. Click [Save] button 6. Not input data/ space only in field [Email] and input valid data in all other field. Click [Save] button 7. Not input data/ space only in field [Phone] and input valid data in all other field. Click [Save] button | | 1. Log in successfully 2. Member list is opened 3. Member new form is opened 4. System prompt error message "You must specify a value for this required field." next to field  5. System prompt error message "You must specify a value for this required field." next to field  6. System prompt error message "You must specify a value for this required field." next to field 7. System prompt error message "You must specify a value for this required field." next to field |  |
| [Cent-187] | Check max length for single line of text fields | 1. Log in Central site with Central administrator role 2. Click on link "Manage Member" in the left menu 3. Click on button [Create new Member] 4. Enter the data more than 255 characters into field [Member Name] and [Email] 5. Enter the data more than 20 characters into field [Phone] | | 1. Log in successfully 2. Member list is opened 3. Member new form is opened 4. System does not allow to enter the data more than 255 characters. The cursor stop at final position 5. System does not allow to enter the data more than 20 characters. The cursor stop at final position |  |
| [Cent-188] | Check auto-trim for single line of text fields | 1. Log in Central site with Central administrator role 2. Click on link "Manage Member" in the left menu 3. Click on button [Create new Member] 4. Enter the string with space at the first & last position into field [Member Name], [Phone], [Email]  5. Click [Save] button | | 1. Log in successfully 2. Member list is opened 3. Member new form is opened 5. System auto-trim space at the first & last position of string inputted |  |
| [Cent-189] | Check encode for single line of text fields | 1. Log in Central site with Central administrator role 2. Click on link "Manage Member" in the left menu 3. Click on button [Create new Member] 4.Enter the text with html tag such as " <b> html text </b> " into following field [Member Name], [Email], [Phone] 5. Click [Save] button | | 1. Log in successfully 2. Member list is opened 3. Member new form is opened 5. Keep format of text as inputted |  |
| [Cent-190] | Verify multiple line of text [Address] | 1. Log in Central site with Central administrator role 2. Click on link "Manage Member" in the left menu 3. Click on button [Create new Member] 4. Enter multiple line of text into field: [Address] 5. Click on [Save] button | | 1. Log in successfully 2. Member list is opened 3. Member new form is opened 4. System should allow to enter multiple line of text into this field. Vertical scroll bar should appear when lines of text longer than wide screen of field box 5. Text displays in multiple lines as input |  |
| [Cent-191] | Central administrator update one Member successfully | 1. Log in Central site with Central administrator role 2. Click on link "Manage Member" in the left menu 3. Open one Member and click on button [Edit] 4. Edit data in all fields. Here're the required fields: - Member Name - Email - Address - Phone 5. Click on button [Save] | | 1. Log in successfully 2. Member list is opened 3. Member edit form is opened 4. Data is inputted 5. Update Member successfully. New value of Member is displayed on list |  |
| [Cent-195] | Check only Central administrator have permission on Manage Member | 1. Log in Central site with Central operator role 2. Log in Central site with Member role | | 1. There's no link "Manage Member" 2. There's no link "Manage Member" |  |
| [Cent-196] | Central Administrator delete one Member successfully | 1. Log in Central site with Central administrator role 2. Click on link "Manage Member" in the left menu 3. Open one Member and click on button [Delete] 4. Click on button [OK] | | 1. Log in successfully 2. Member list is opened 3. Member form is opened 4. Delete Member successfully |  |
|  | **12. User and role management** | | |  |  |
| [Cent-202] | Verify GUI of User form | | 1. Login the Central Site with Central Administrator role. 2. Click on "Manage User" link in the left menu. 3. Open one User 4. Verify User interface of the form Refer to Sheet "User Screen" (Link in the "Note" Column) | 4. User interface of the form meet requirement specification. |  |
| [Cent-203] | Central administrator create new User successfully | | 1. Log in Central site with Central administrator role 2. Click on link "Manage User" in the left menu 3. Click on button [Create new User] 4. Input data in all fields. Here're the required fields:  - User Name - Address - Email - Phone 5. Click on button [Save] | 1. Log in successfully 2. User list is opened 3. User new form is opened 4. Data is inputted 5. Create new User successfully. New User is displayed on list |  |
| [Cent-206] | Check required field when create new User | | 1. Log in Central site with Central administrator role 2. Click on link "Manage User" in the left menu 3. Click on button [Create new Product] 4. Not input data/ space only in field [User Name] and input valid data in all other field. Click [Save] button 5. Not input data/ space only in field [Address] and input valid data in all other field. Click [Save] button 6. Not input data/ space only in field [Email] and input valid data in all other field. Click [Save] button 7. Not input data/ space only in field [Phone] and input valid data in all other field. Click [Save] button | 1. Log in successfully 2. User list is opened 3. User new form is opened 4. System prompt error message: "You must specify a value for this required field." next to field  5. System prompt error message: "You must specify a value for this required field." next to field  6. System prompt error message: "You must specify a value for this required field." next to field 7. System prompt error message "You must specify a value for this required field." next to field |  |
| [Cent-207] | Check max length for single line of text fields | | 1. Log in Central site with Central administrator role 2. Click on link "Manage User" in the left menu 3. Click on button [Create new User] 4. Enter the data more than 255 characters into field [User Name] and [Email] 5. Enter the data more than 20 characters into field [Phone] | 1. Log in successfully 2. User list is opened 3. User new form is opened 4. System does not allow entering the data more than 255 characters. The cursor stop at final position 5. System does not allow entering the data more than 20 characters. The cursor stop at final position |  |
| [Cent-208] | Check auto-trim for single line of text fields | | 1. Log in Central site with Central administrator role 2. Click on link "Manage User" in the left menu 3. Click on button [Create new User] 4. Enter the string with space at the first & last position into field [User Name], [Phone], [Email]  5. Click [Save] button | 1. Log in successfully 2. User list is opened 3. User new form is opened 5. System auto-trim space at the first & last position of string inputted |  |
| [Cent-209] | Check encode for single line of text fields | | 1. Log in Central site with Central administrator role 2. Click on link "Manage User" in the left menu 3. Click on button [Create new User] 4.Enter the text with html tag such as " <b> html text </b> " into following field [User Name], [Email], [Phone] 5. Click [Save] button | 1. Log in successfully 2. User list is opened 3. User new form is opened 5. Keep format of text as inputted |  |
| [Cent-210] | Verify multiple line of text [Address] | | 1. Log in Central site with Central administrator role 2. Click on link "Manage User" in the left menu 3. Click on button [Create new User] 4. Enter multiple line of text into field: [Address] 5. Click on [Save] button | 1. Log in successfully 2. User list is opened 3. User new form is opened 4. System should allow entering multiple line of text into this field. Vertical scroll bar should appear when lines of text longer than wide screen of field box 5. Text displays in multiple lines as input |  |
| [Cent-211] | Central administrator update one User successfully | | 1. Log in Central site with Central administrator role 2. Click on link "Manage User" in the left menu 3. Open one User and click on button [Edit] 4. Edit data in all fields. Here're the required fields: - User Name - Email - Address - Phone 5. Click on button [Save] | 1. Log in successfully 2. User list is opened 3. User edit form is opened 4. Data is inputted 5. Update User successfully. New value of User is displayed on list |  |
| [Cent-215] | Check only Central administrator have permission on Manage User | | 1. Log in Central site with Central operator role 2. Log in Central site with User role | 1. There's no link "Manage User" 2. There's no link "Manage User" |  |
| [Cent-216] | Central Administrator delete one User successfully | | 1. Log in Central site with Central administrator role 2. Click on link "Manage User" in the left menu 3. Open one User and click on button [Delete] 4. Click on button [OK] | 1. Log in successfully 2. User list is opened 3. User form is opened 4. Delete User successfully |  |
| [Cent-223] | Central administrator create new Role successfully | | 1. Log in Central site with Central administrator role 2. Click on link "Manage Role" in the left menu 3. Click on button [Create new Role] 4. Input data in all fields. Here're the required fields:  - Role Name - Address - Email - Phone 5. Click on button [Save] | 1. Log in successfully 2. Role list is opened 3. Role new form is opened 4. Data is inputted 5. Create new Role successfully. New Role is displayed on list |  |
| [Cent-224] | Verify audit history saved after created new Role successfully | | 1. Central administrator create new Role successfully 2. Open Role to verify "Audit History" field saved after create new Role successfully | 2. "Audit history" is saved: - Created on: Date time - Created by: User account - Change detail: show that Central administrator has created Role successfully. Format : [Modified at]: [Modified By] <<Changed field>> “from” <<Old value>> “to” <<New value>> |  |
| [Cent-225] | Central administrator cancel creating new Role | | 1. Log in Central site with Central administrator role 2. Click on link "Manage Role" in the left menu 3. Click on button [Create new Role] 4. Input data in all fields.  5. Click on button [Cancel] | 1. Log in successfully 2. Role list is opened 3. Role new form is opened 4. Data is inputted 5. Create new Role unsuccessfully. Nothing is saved System returned to previous page |  |
| [Cent-226] | Check required field when create new Role | | 1. Log in Central site with Central administrator role 2. Click on link "Manage Role" in the left menu 3. Click on button [Create new Product] 4. Not input data/ space only in field [Role Name] and input valid data in all other field. Click [Save] button 5. Not input data/ space only in field [Address] and input valid data in all other field. Click [Save] button 6. Not input data/ space only in field [Email] and input valid data in all other field. Click [Save] button 7. Not input data/ space only in field [Phone] and input valid data in all other field. Click [Save] button | 1. Log in successfully 2. Role list is opened 3. Role new form is opened 4. System prompt error message: "You must specify a value for this required field." next to field  5. System prompt error message: "You must specify a value for this required field." next to field  6. System prompt error message: "You must specify a value for this required field." next to field 7. System prompt error message "You must specify a value for this required field." next to field |  |
| [Cent-227] | Check max length for single line of text fields | | 1. Log in Central site with Central administrator role 2. Click on link "Manage Role" in the left menu 3. Click on button [Create new Role] 4. Enter the data more than 255 characters into field [Role Name] and [Email] 5. Enter the data more than 20 characters into field [Phone] | 1. Log in successfully 2. Role list is opened 3. Role new form is opened 4. System does not allow entering the data more than 255 characters. The cursor stop at final position 5. System does not allow entering the data more than 20 characters. The cursor stop at final position |  |
| [Cent-228] | Check auto-trim for single line of text fields | | 1. Log in Central site with Central administrator role 2. Click on link "Manage Role" in the left menu 3. Click on button [Create new Role] 4. Enter the string with space at the first & last position into field [Role Name], [Phone], [Email]  5. Click [Save] button | 1. Log in successfully 2. Role list is opened 3. Role new form is opened 5. System auto-trim space at the first & last position of string inputted |  |
| [Cent-229] | Check encode for single line of text fields | | 1. Log in Central site with Central administrator role 2. Click on link "Manage Role" in the left menu 3. Click on button [Create new Role] 4.Enter the text with html tag such as " <b> html text </b> " into following field [Role Name], [Email], [Phone] 5. Click [Save] button | 1. Log in successfully 2. Role list is opened 3. Role new form is opened 5. Keep format of text as inputted |  |
| [Cent-230] | Verify multiple line of text [Address] | | 1. Log in Central site with Central administrator role 2. Click on link "Manage Role" in the left menu 3. Click on button [Create new Role] 4. Enter multiple line of text into field: [Address] 5. Click on [Save] button | 1. Log in successfully 2. Role list is opened 3. Role new form is opened 4. System should allow entering multiple line of text into this field. Vertical scroll bar should appear when lines of text longer than wide screen of field box 5. Text displays in multiple lines as inputted |  |
| [Cent-231] | Central administrator update one Role successfully | | 1. Log in Central site with Central administrator role 2. Click on link "Manage Role" in the left menu 3. Open one Role and click on button [Edit] 4. Edit data in all fields. Here're the required fields: - Role Name - Email - Address - Phone 5. Click on button [Save] | 1. Log in successfully 2. Role list is opened 3. Role edit form is opened 4. Data is inputted 5. Update Role successfully. New value of Role is displayed on list |  |
| [Cent-235] | Check only Central administrator have permission on Manage Role | | 1. Log in Central site with Central operator role 2. Log in Central site with Role role | 1. There's no link "Manage Role" 2. There's no link "Manage Role" |  |
| [Cent-236] | Central Administrator delete one Role successfully | | 1. Log in Central site with Central administrator role 2. Click on link "Manage Role" in the left menu 3. Open one Role and click on button [Delete] 4. Click on button [OK] | 1. Log in successfully 2. Role list is opened 3. Role form is opened 4. Delete Role successfully |  |
|  | **Workflow and Master page** | | | | |
| [Cent-246] | Verify GUI of master page | | 1. Login the Central Site with User role. 2. Verify User interface of Master Page Refer to Sheet "Master Page" (Link in the "Note" Column) | 3. User interface of the form meet requirement specification. |  |
| [Cent-247] | Verify Top menu of master page | | 1. Login the Central Site with User role. 2. Verify Top Menu of Master Page | 1. Log in successfully 2. Top menu includes: v Navigation bar: indicate position of current page in site map, allows user to navigate back to previous page v Home button: link to home page with default dashboard of current user v Administration button: link to Administration page v User profile: link to User Profile page |  |
| [Cent-248] | Verify Left menu of master page | | 1. Login the Central Site with User role. 2. Verify Left Menu of Master Page | 1. Log in successfully 2. Left menu includes:  Based on selection in top menu bar (home, administration, user profile), links on left menu will be changed accordingly.   Links on left menu direct to view/action that current user has permission to see/perform |  |
| [Cent-249] | Verify workflow of "Offer on specific request" | | 1. Internal User Create request  2. Internal Operator public Request to Central Site 3. Supplier Offer best price 4. Internal user selct and order on best offer 5. Supplier confirmed order | 1. Create request successfully. Request's status is "Submitted" 2. Public request successfully, Request's display in Central site. Request's status is "Public" 3. Request's status is "Offer created", Offer's status is "Open" 4. Request's status is "Successful", Offer's status is "Ordered Made", Order's status is "Submitted" 5. Order's status is "Confirmed" |  |
| [Cent-250] | Verify workflow of "General Offering Process " | | 1. Supplier create general Offer  2. Central Operator approve Offer 3. Internal User order on general offer 4. Supplier confirmed order | 1. Create general offer successfully. Offer's status is "Open" 2. Approve Offer successfully. Offer's status is "Approved". - Announce to all internal Sites 3. Offer's status is "Ordered Made", Order's status is "Submitted" 5. Order's status is "Confirmed" |  |

## Internal Site

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **ID** | **Test Case Description** | | **Test Case Procedure** | **Expected Output** | **Result** |
|  | | 1. **Log in, Log out** | | | |
| [Int-1] | | Test GUI of "Login" form | 1. Go to GP-F site. 2. Verify User interface of the "Login" form. 3. Check data types. | 2. User interface of the form meet requirement specification. Refer to Sheet "Login screen" (Link in the "Note" Column)- part "I/ Screen" 3. All data types are correctly. Refer to Sheet "Login screen" (Link in the "Note" Column)- part "II/ Test GUI" |  |
| [Int-2] | | Login system unsuccessfully incase leaving all field blank | 1. Go to GP-F site. 2. Do not input anything into [Username], [Password] fields. 3. Click on [Login] button | 3. Error message "Please input username and password!" is displayed. |  |
| [Int-3] | | Login system unsuccessfully incase leaving [Password] blank and incorrect [Username] | 1. Go to GP-F site. 2. Input incorrect value into [Username] field. 3. Do not input anything into [Password] field. 4. Click on [Login] button. | 4. Error message "Please input password!" is displayed. |  |
| [Int-4] | | Login system unsuccessfully incase leaving all [Password] blank and correct [username] | 1. Go to GP-F site. 2. Input correct value into [Username] field. 3. Do not input anything into [Password] field. 4. Click on [Login] button. | 4. Error message "Please input password!" is displayed. |  |
| [Int-5] | | Login system unsuccessfully incase leaving [Username] blank and correct [password] | 1. Go to GP-F site. 2. Do not input anything into [Username] field. 3. Input correct value into [Password] field. 4. Click on [Login] button. | 4. Error message "Please input username!" is displayed. |  |
| [Int-6] | | Login system unsuccessfully incase leaving [Username] blank and incorrect [password] | 1. Go to GP-F site. 2. Do not input anything into [Username] field. 3. Input incorrect value into [Password] field. 4. Click on [Login] button. | 4. Error message "Please input username!" is displayed. |  |
| [Int-7] | | Login system unsuccessfully incase input incorrect [Password] and [Username] | 1. Go to GP-F site. 2. Input incorrect value into [Username] field. 3. Input incorrect value into [Password] field. 4. Click on [Login] button. | 4. Error message "Username or password is incorrect!" is displayed. |  |
| [Int-8] | | Login system unsuccessfully with incorrect [Username] | 1. Go to GP-F site. 2. Input incorrect value into [Username] field. 3. Input correct value into [Password] field. 4. Click on [Login] button. | 4. Error message "Username or password is incorrect!" is displayed. |  |
| [Int-9] | | Login system unsuccessfully with incorrect [Password] | 1. Go to GP-F site. 2. Input correct value into [Username] field. 3. Input incorrect value into [Password] field. 4. Click on [Login] button. | 4. Error message "Username or password is incorrect!" is displayed. |  |
| [Int-10] | | Login system with correct "User"/ "Manager"/ "Administrator" role | 1. Go to GP-F site. 2. Input correct value into [Username] field. 3. Input incorrect value into [Password] field. 4. Click on [Login] button. | 4. - Login GP-F Internal site successfully, go to [Home Page] screen - User interface of the form meet requirement specification. |  |
| [Int-12] | | Log out with User/ Manager/ Administrator role | 1. From [Home Page] or any other screens except [Login] screen, click on [Logout] button on left corner screen. | 1. [Log out] POPUP with confirmation message "Are you sure you want to log out?" and [Yes]/[No] button are displayed Refer to Sheet "Log out POPUP" (Link in the "Note" Column) |  |
|  | | **2. User Management** | | | |
| [Int-15] | Read personal information with "User" role | | 1. User has logged in successfully with "User" role. 2. From [Home Page] or any other screen except [Login] screen, click on [Account] button on left corner screen. | 2. Transit to [Account] screen. User interface of the form meet requirement specification. Refer to Sheet "Account" (Link in the "Note" Column)- part "I/ Screen" |  |
| [Int-18] | Read personal information with Administrator account | | 1. User has logged in successfully with "Administrator" role. 2. From [Home Page] or any other screen except [Login] screen, click on [Account] button on left corner screen. | 2. The system will navigate to [Account] screen. User interface of the form meet requirement specification. Refer to Sheet "Account" (Link in the "Note" Column) |  |
| [Int-20] | Read personal information with Manager role | | 1. User has logged in successfully with "Manager" role. 2. From [Home Page] or any other screen except [Login] screen, click on [Account] button on left corner screen. | 2. Go to [Account] screen. User interface of the form meet requirement specification. Refer to Sheet "Account" (Link in the "Note" Column) |  |
| [Int-23] | Read personal information with Manager role in [User Management] screen. | | 1. User has logged in successfully with "Manager" role. 2. From [Home Page] or any other screen except [Login] screen, click on [Account] button on left corner screen. 3. Click on [User management] hyperlink | 3. The system will navigate to [User management] page. User interface of the form meet requirement specification. Refer to Sheet "Account Management" (Link in the "Note" Column) |  |
| [Int-24] | Check [List of users] grid view. | | 1. User has logged in successfully with "Manager" role. 2. From [Home Page] or any other screen except [Login] screen, click on [Account] button on left corner screen. 3. Click on [User management] hyperlink 4. Check displaying of [List of users] grid view. | [List of users] grid view is displayed with some information: - Order alphabet. |  |
| [Int-26] | Check [Update user information] form. | | 1. User has logged in successfully with "Manager" role. 2. From [Home Page] or any other screen except [Login] screen, click on [Account] button on left corner screen. 3. Click on [User management] hyperlink 4. Check displaying of [Update user information] form. | 4. Own user's information is displayed. |  |
| [Int-27] | Check [Update user information] form when select other user name. | | 1. User has logged in successfully with "Manager" role. 2. From [Home Page] or any other screen except [Login] screen, click on [Account] button on left corner screen. 3. Click on [User management] hyperlink 4. Double click on other user name. | 4. New user's information is displayed. |  |
| [Int-31] | User update user information unsuccessfully | | 1. User has logged in successfully with "User" role. 2. From [Home Page] or any other screen except [Login] screen, click on [Account] button on left corner screen. 3. Click on [Edit] button  4. Input less than 20 characters with alphabet character or special character ("!","@","#"...) to edit [Phone Number] field. 5. Click [Save] button. | 5.  - Error message "The value of this field should be in numeric format." is display. - Data was not saved in database. |  |
| [Int-32] | User update user information successfully | | 1. User has logged in successfully with "User" role. 2. From [Home Page] or any other screen except [Login] screen, click on [Account] button on left corner screen. 3. Click on [Edit] button  4. Input less than 20 characters with a numeric string (e.g.: 0989998005) to edit [Phone Number]. 5. Click on [Save] button. | 4.  - Edit [Phone number] field successfully, data is saved in database. - [Phone number] field's new value is displayed in "xxxx xxx xxx" formation (e.g.: "0989 998 005"). |  |
|  | | **3. Manage “Request”** | | | |
| [Int-34] | "Administrator" role cannot manage Request | | 1. User has logged in successfully with "Administrator" role. | 1. Do not have “Request” link, "Administrator" role cannot create, update, edit, delete a request. |  |
| [Int-37] | Verify GUI of Create New Request view mode | | 1. User has logged in successfully with "User"/"Manager" role. 2. From [Home Page] screen, click on [Request] link on left screen. 3. Click on [Add new item] button | 3. The system will opens up screen to input data for a new request. |  |
| [Int-38] | User create request unsuccessfully. | | 1. User has logged in successfully with "User"/"Manager" role. 2. From [Home Page] screen, click on [Request] link on left screen. 3. Click on [Add new item] button 4. Do not input data in one or some mandatory fields. Here are the required fields: - Category - Sub-Category 1 - Sub-Category 2 - Product - Other Product Name - Unit - Request Title - Valid Until 5. Click on [Save] button | 5. - The system will show error message "You must specify a value for this required field." (MSG1) next to the field. - Create new request unsuccessfully, data is not saved in database. |  |
| [Int-40] | Create request successfully with "User" role. | | 1. User has logged in successfully with "User" role. 2. Click on [Request] link in the left menu. 3. Click on button [Create new item] 4. Input valid data in all fields. Here are the required fields: - Category - Sub-Category 1 - Sub-Category 2 - Product - Other Product Name - Unit - Request Title - Valid Until | 4. - Create new request successfully, data is saved in database. - Request' status: "submitted" - The system will navigate to [Request] screen, user can read all request items. v [Request #] is generated with following format: Type/Year/Month/Company Code/Sequence Number e.g. R11aFPT1234 Ø R: stands for “Request” Ø 11: two last digit of year Ø a: single character stands for month (from a to k) Ø FPT: Company Code of Internal site (defined by Central Operator) Ø 1234: four digits sequence number |  |
| [Int-42] | Create request successfully "Manager" role. | | 1. See [3.3 Consolidate “Request”] function for more detail. | 3. System creates new Request with these pre-filled information - Data is saved in database. - Request' status: "submitted" - The system will navigate to [Request] screen, user can read all request items. v [Request #] is generated with following format: Type/Year/Month/Company Code/Sequence Number e.g. R11aFPT1234 Ø R: stands for “Request” Ø 11: two last digit of year Ø a: single character stands for month (from a to k) Ø FPT: Company Code of Internal site  Ø 1234: four digits sequence number |  |
| [Int-43] | User cannot edit a “Request” item in different “Submitted”, “Open” or “Public” status. | | 1. User has logged in successfully with "User"/"Manager" role. 2. Click on [Request] link in the left menu. 3. “Request” item in different “Submitted”, “Open” or “Public” status. | 3. [Edit] button is unavailable, user cannot edit this request. |  |
| [Int-44] | Edit a “Request” item in “Submitted”, “Open” or “Public” status in case: Choose their own request. | | 1. User has logged in successfully 2. Click on [Request] link in the left menu. 3. Choose request with “Request” item in “Submitted”, “Open” or “Public” status.  4. Click [Edit] button. 5. Do not input data in one or some mandatory fields. Required fields: - Category - Sub-Category 1, 2 - Product - Other Product Name - Unit - Request Title - Valid Until 6. Click on [Save] button | 3. [Edit] button is available. 6. - The system will show error message "You must specify a value for this required field." (MSG1) next to the field. - Edit request unsuccessfully, data is not saved in database. |  |
| [Int-48] | Edit a “Request” item in “Submitted”, “Open” or “Public” status in case: Choose request which not their own request. | | 1. User has logged in successfully with "User" role. 2. Click on [Request] link in the left menu. 3. Choose any request which not their own request with “Request” item in “Submitted”, “Open” or “Public” status.  4. See "Edit" button. | 4. [Edit] button is unavailable, [User] role cannot edit request which not their own request. |  |
|  | | **4. Mark “Request” as Potential** | | | |
| [Int-53] | User has logged in successfully with "User"/ "Administrator" role, cannot mark “Request” as Potential | | 1. User has logged in successfully with "User"/ "Administrator" role. 2. Click on [Request] link in the left menu. 3. See [Mark as Potential] button. | 3. [Mark as Potential] button is disabled, user cannot mark “Request” as Potential |  |
| [Int-54] | Check visible of button [Mark as Potential] | | 1. User has logged in successfully with "Manager" role. 2. Click on [Request] link in the left menu. 3. See [Mark as Potential] button. | 3. [Mark as Potential] button is available. |  |
| [Int-55] | User has logged in successfully with "Manager" role, can mark “Request” as Potential | | 1. User has logged in successfully with "Manager" role. 2. Click on [Request] link in the left menu. 3. Click [Mark as Potential] button. | 3. Prompts confirmation message is displayed "Are you sure you want to mark this request as potential" and [OK]/[Cancel] button are displayed. |  |
| [Int-57] | User mark request as potential successfully | | 1. User has logged in successfully with "Manager" role. 2. Click on [Request] link in the left menu. 3. Click [Mark as Potential] button. 4. Click on [OK] button on prompts confirmation message. | 4. Mark this request as potential successfully.  Change status of this request to "Open" |  |
|  | | **5. Consolidate “Request”** | | | |
| [Int-61] | User has logged in successfully with "User"/"Administrator" role, user cannot consolidate. | | 1. User has logged in successfully with "User" role  2. Click on [Request] link in the left menu. 3. Select a request with “Request” item in “Submitted” or “Open” status.  4. Check [Consolidate] button from a Request view. | 4. [Consolidate] button is disabled, user cannot consolidate a request. |  |
| [Int-63] | User has logged in successfully with "Manager" role and with “Request” item in “Submitted” or “Open” status | | 1. User has logged in successfully with "Manager" role  2. Click on [Request] link in the left menu. 3. Select a request with “Request” item in “Submitted” or “Open” status.  4. Click [Consolidate] button. | 3. [Consolidate] button is available. 4. System prompts error message "You can perform this function with more than two selected requests" (MSG6), user can not consolidate a request. |  |
| [Int-68] | Manager consolidate request successfully | | 1. User has logged in successfully with "Manager" role  2. Click on [Request] link in the left menu. 3. Select at least two requests with “Request” item in “Submitted” or “Open” status in same category/sub-category 4. Click [Consolidate] button. 5. Click to [OK] button on prompt confirmation message. 6. Check in database. | 6. System creates new Request with these pre-filled information Ø Category Ø Sub-Category Ø [Related Request] table - Create new request successfully, data is saved in database. - Request' status: "submitted" - The system will navigate to [Request] screen, user can read all request items. v [Request #] is generated with following format: Type/Year/Month/Company Code/Sequence Number e.g. R11aFPT1234 Ø R: stands for “Request” Ø 11: two last digit of year Ø a: single character stands for month (from a to k) Ø FPT: Company Code of Internal site (defined by Central Operator) Ø 1234: four digits sequence number |  |
| [Int-69] | Update [Consolidate into Request] of selected requests to [Request #] of newly created consolidated request. | | 1. See [3.2 Update request] function for more detail. | 3. "Manager" role can continues update other information and submit the request. |  |
|  | | **6. Public “Request”** | | | |
| [Int-71] | User has logged in successfully with "User"/"Administrator" role. | | 1. User has logged in successfully with "User"/"Administrator" role  2. Click on [Request] link in the left menu. 3. Open a request with “Request” item in “Submitted” or “Open” status.  4. Check [Public] button from a Request view. | 4. [Public] button is disabled, user cannot public a request. |  |
| [Int-72] | User has logged in successfully with "Manager" role and with “Request” item in “Submitted” or “Open” status | | 1. User has logged in successfully with "Manager" role  2. Click on [Request] link in the left menu. 3. Open a request with “Request” item in “Submitted” or “Open” status.  4. Click [Public] button.  5. Click to [OK] button on prompt confirmation message. 6. Check display of this request after public in Central Site. | 3. [Public] button is available. 4. System prompts error message "Are you sure you want to public this request?" (MSG9) to ask whether the user want to public the request, and have two button [OK]/[Cancel] button to ask whether the user want to open selected requests  5. [Status] of the selected Requests are changed to “Public” 6. Information of the request is pushed to Central Site. Ø [Request #] Ø [Company Name] Ø [Total Request Quantity] Ø Request Details Information section, exclude Request Description and Related Request table |  |
|  | | **7. Close “Request”** | | | |
| [Int-76] | User has logged in successfully with "User" role. | | 1. User has logged in successfully with "User" role  2. Click on [Request] link in the left menu. 3. Open a request with “Request” item in any status different “Submitted” status  4. Check [Close] button from a Request view. | 4. [Close] button is disabled, user can not close a request. |  |
| [Int-77] | Check visible of button [Close] in a request form | | 1. User has logged in successfully with "User" role  2. Click on [Request] link in the left menu. 3. Open a request with “Request” item in “Submitted” status but not their own request. 4. Check [Close] button from a Request view. | 4. [Close] button is disabled, user can not close a request. |  |
| [Int-78] | User close request successfully incase do not choose Other reason | | 1. User has logged in successfully with "User" role  2. Click on [Request] link in the left menu. 3. Open a their own request with “Request” item in “Submitted” status. 4. Click [Close] button from a Request view.  5. Click to [OK] button on prompt confirmation message.  6. Select a reason in [Reason] combo box | 3. [Close] button is available. 4. System prompts confirmation message "Are you sure you want to close this request?" (MSG10) to ask whether the user want to close the request, and have two button [OK]/[Cancel] button to ask whether the user want to open selected requests  5. System prompts closing reason dialog with: - [Reason] combo box: list of reasons that are configured in “Configuration” list by Internal Administrator, default is "Other" reason. - [Other reason] text field is available.  6. [Other reason] text field is disable. |  |
| [Int-81] | User close request successfully incase choose Other reason | | 1. User has logged in successfully with "User" role  2. Click on [Request] link in the left menu. 3. Open a their own request with “Request” item in “Submitted” status. 4. Click [Close] button. 5. Click to [OK] button on prompt confirmation message. 6. Select a reason in [Reason] combo box except "Other" reason. 7. Click to [OK] button on prompt closing reason dialog. | 6. [Other reason] text field is disable.  6. [Other reason] text field is disable. 7. System prompt closing reason dialog is disable. [Status] of the selected Requests are changed to “Close” with: - [Closing reason] is reason which selected in step 6. |  |
| [Int-88] | Check data saved after public request successfully | | 1. User has logged in successfully with "User" role  2. Click on [Request] link in the left menu. 3. Open request with “Request” item in “Submitted” status. 4. Click [Public] button. 5. Click to [OK] button 6. Select a reason in [Reason] combo box except "Other" reason. 7. Click to [OK] button on prompt closing reason dialog. 8. Check display of this request after public in Central Site. | 7. System prompt closing reason dialog is disable, user can not close requests. 8. Information of the request is pushed to Central Site. Ø [Request #] Ø [Company Name] Ø [Total Request Quantity] Ø Request Details Information section, exclude Request Description and Related Request table |  |
|  | | **8. Order on Specific “Offer”** | | | |
| [Int-91] | Test [Order on this Offer] button | | 1. User has logged in successfully with "User" role. 2. From [Home Page] screen, click on [Offer] link on left screen. 3. Open a view of all specific offers for a request. 4. Selected Offer is a specific offer and in “Open” or “Order Made” status 5. Click on [Order on this Offer] button on the top bar | 5. System prompts confirmation message MSG12 (Are you sure you want to create a new order or update existing order on this offer?) to ask whether the user want to made/update order on selected offer with two button [OK]/[Cancel] button. |  |
| [Int-92] | Can not order on Specific "Offer" when click [Cancel] button on confirmation message. | | 1. User has logged in successfully with "User" role. 2. From [Home Page] screen, click on [Offer] link on left screen. 3. Open a view of all specific offers for a request. 4. Selected Offer is a specific offer and in “Open” or “Order Made” status 5. Click on [Order on this Offer] button on the top bar. 6. Click on [Cancel] button. | 6. Confirmation message is disappeared, back to [Offer] screen. |  |
| [Int-93] | User can input information on [Create Order] when click [OK] button on confirmation message. | | 1. User has logged in successfully with "User" role. 2. From [Home Page] screen, click on [Offer] link on left screen. 3. Open a view of all specific offers for a request. 4. Selected Offer is a specific offer and in “Open” or “Order Made” status 5. Click on [Order on this Offer] button on the top bar. 6. Click on [OK] button. | 6. System will navigate to page [Create Order] with automatically filled information. Refer Note – Order Screen for more details on Order screen |  |
| [Int-94] | If a required field on “Order” is left blank, data is not saved in database. | | 1. User has logged in successfully with "User" role. 2. From [Home Page] screen, click on [Offer] link on left screen. 3. Open a view of all specific offers for a request. 4. Selected Offer is a specific offer and in “Open” or “Order Made” status 5. Click on [Order on this Offer] button on the top bar. 6. Click on [OK] button on confirm message. 7. Do not input mandatory field (Order Quantity, Expected Shipping Date). 8. Click [Save] button. | 8. The system will show error message MSG1 (You must specify a value for this required field.) next to the field, data is not saved in database. |  |
| [Int-95] | [Order Quantity] cannot be less than [Minimum Quantity] or greater than [Maximum Quantity] of related “Offer” | | 1. User has logged in successfully with "User" role. 2. From [Home Page] screen, click on [Offer] link on left screen. 3. Open a view of all specific offers for a request. 4. Selected Offer is a specific offer and in “Open” or “Order Made” status 5. Click on [Order on this Offer] button on the top bar. 6. Click on [OK] button on confirm message. 7. Input all mandatory fields, input [Order Quantity] less than [Minimum Quantity] or greater than [Maximum Quantity] of related “Offer” 8. Click [Save] button. | 8. System prompts error message MSG13 (Order quantity cannot be less than minimum required or greater than maximum required. ), data is not saved in database. |  |
| [Int-96] | Value of [Expected Shipping Date] cannot be sooner than today | | 1. User has logged in successfully with "User" role. 2. From [Home Page] screen, click on [Offer] link on left screen. 3. Open a view of all specific offers for a request. 4. Selected Offer is a specific offer and in “Open” or “Order Made” status 5. Click on [Order on this Offer] button on the top bar. 6. Click on [OK] button on confirm message. 7. Input [Order Quantity] more than [Minimum Quantity] and less than [Maximum Quantity] of related "Offer" 8. Input [Expected Shipping Date] sooner than today. 9. Click [Save] button. | 9. System prompts error message MSG3 (The value of this field cannot be sooner than today.) next to this field. |  |
| [Int-97] | User order on specific offer successfully | | 1. User has logged in successfully with "User" role. 2. From [Home Page] screen, click on [Offer] link on left screen. 3. Open a view of all specific offers for a request. 4. Selected Offer is a specific offer and in “Open” or “Order Made” status 5. Click on [Order on this Offer] button on the top bar. 6. Click on [OK] button on confirm message. 7. Input all information in right way. 8. Click [Save] button. | 8. A new Order on selected Offer is created or updated  [Status] of related Request is changed to “Awaiting Confirmation” |  |
|  | | **9. Order on General “Offer”** | | | |
| [Int-98] | Test [Order on this Offer] button | | 1. User has logged in successfully with "User"/"Manager" role. 2. From [Home Page] screen, click on [Offer] link on left screen. 3. Open a view of all specific offers for a request. 4. Selected a general offer in “Approved” or “Order Made” status. 5. Click on [Order on this Offer] button on the top bar | 5. System prompts confirmation message MSG12 (Are you sure you want to create a new order or update existing order on this offer?) to ask whether the user want to made/update order on selected offer with two button [OK]/[Cancel] button. |  |
| [Int-99] | Cannot order on Specific "Offer" when click [Cancel] button on confirmation message. | | 1. User has logged in successfully with "User"/"Manager" role. 2. From [Home Page] screen, click on [Offer] link on left screen. 3. Open a view of all specific offers for a request. 4. Selected a general offer in “Approved” or “Order Made” status. 5. Click on [Order on this Offer] button on the top bar. 6. Click on [Cancel] button. | 6. Confirmation message is disappeared, back to [Offer] screen. |  |
| [Int-100] | User can input information on [Create Order] when click [OK] button on confirmation message. | | 1. User has logged in successfully with "User"/"Manager" role. 2. From [Home Page] screen, click on [Offer] link on left screen. 3. Open a view of all specific offers for a request. 4. Selected a general offer in “Approved” or “Order Made” status. 5. Click on [Order on this Offer] button on the top bar. 6. Click on [OK] button. | 6. System will navigate to page [Create Order] with automatically filled information. Refer Note – Order Screen for more details on Order screen |  |
| [Int-101] | If a required field on “Order” is left blank, data is not saved in database. | | 1. User has logged in successfully with "User"/"Manager" role. 2. From [Home Page] screen, click on [Offer] link on left screen. 3. Open a view of all specific offers for a request. 4. Selected a general offer in “Approved” or “Order Made” status. 6. Click on [Order on this Offer] button on the top bar. 7. Click on [OK] button on confirm message. 8. Do not input mandatory field (Order Quantity, Expected Shipping Date). 9. Click [Save] button. | 9. The system will show error message MSG1 (You must specify a value for this required field.) next to the field, data is not saved in database. |  |
| [Int-102] | [Order Quantity] or order + [Current Ordered Quantity] of offer cannot be greater than [Maximum Quantity] of offer | | 1. User has logged in successfully with "User"/"Manager" role. 2. From [Home Page] screen, click on [Offer] link on left screen. 3. Open a view of all specific offers for a request. 4. Selected a general offer in “Approved” or “Order Made” status. 6. Click on [Order on this Offer] button on the top bar. 7. Click on [OK] button on confirm message. 8. Input [Order Quantity] or order + [Current Ordered Quantity] of offer greater than [Maximum Quantity] of offer 9. Click [Save] button. | 9. System prompts error messageMSG14 (Inputted Quantity makes current ordered quantity of the offer exceed maximum quantity), data is not saved in database. |  |
| [Int-103] | Input data right way, a new Order on selected Offer is created or updated | | 1. User has logged in successfully with "User"/"Manager" role. 2. From [Home Page] screen, click on [Offer] link on left screen. 3. Open a view of all specific offers for a request. 4. Selected a general offer in “Approved” or “Order Made” status. 5. Click on [Order on this Offer] button on the top bar. 6. Click on [OK] button on confirm message. 7. Input all information in right way. 8. Click [Save] button. | 8. A new Order on selected Offer is created or updated |  |
|  | | **10. Cancel “Order”** | | | |
| [Int-104] | Verify prompts confirmation message display to cancel order. | | 1. User has logged in successfully with "User"/"Manager" role. 2. From [Home Page] screen, click on [Offer] link on left screen. 3. Open a “Order” in “Submitted” status. 4. Click on "Cancel" button. | 4. System prompts confirmation message MSG19 (Are you sure you want cancel this order?) to ask whether the user want to close the request with [OK]/[Cancel] button. |  |
| [Int-105] | Cannot cancel a Order" when click [Cancel] button on confirmation message. | | 1. User has logged in successfully with "User"/"Manager" role. 2. From [Home Page] screen, click on [Offer] link on left screen. 3. Open a “Order” in “Submitted” status. 4. Click on "Cancel" button. 5. Click on [Cancel] button on confirmation message. | 5. Confirmation message is disappeared, back to [Offer] screen. |  |
| [Int-106] | Verify prompts cancelation reason dialog display after click [Ok] button on confirmation message. | | 1. User has logged in successfully with "User"/"Manager" role. 2. From [Home Page] screen, click on [Offer] link on left screen. 3. Open a “Order” in “Submitted” status. 4. Click on "Cancel" button. 5. Click on [OK] button on confirmation message. | 5. System prompts cancelation reason dialog (refer note for more detail) with default [Reason] = "Other" |  |
| [Int-107] | Verify if [Reason] = “Other”, then user must enter value into [Other Reason] field. | | 1. User has logged in successfully with "User"/"Manager" role. 2. From [Home Page] screen, click on [Offer] link on left screen. 3. Open a “Order” in “Submitted” status. 4. Click on "Cancel" button. 5. Click on [OK] button on confirmation message. 6. When [Reason]= "Other", do not input anything, click [OK] button on cancelation reason dialog. | 6. System prompts error message MSG11 (You must select one closing reason or enter text into “Other Reason” textbox), back to [Offer] screen, do not save anything in database. |  |
| [Int-108] | Verify that can cancel a Order when input to [Other Reason] after chose [Reason]= "Other" | | 1. User has logged in successfully with "User"/"Manager" role. 2. From [Home Page] screen, click on [Offer] link on left screen. 3. Open a “Order” in “Submitted” status. 4. Click on "Cancel" button. 5. Click on [OK] button on confirmation message. 6. When [Reason]= "Other", input reason on [Other Reason] textbox. 7. Click [OK] button on cancelation reason dialog. | 1.  v [Status] of the selected Order is changed to “Cancelled” v [Cancellation Reason] is updated as inputted value |  |
| [Int-109] | Verify that cannot input to [Other Reason] textbox when chose a reason in [Reason] combo box. | | 1. User has logged in successfully with "User"/"Manager" role. 2. From [Home Page] screen, click on [Offer] link on left screen. 3. Open a “Order” in “Submitted” status. 4. Click on "Cancel" button. 5. Click on [OK] button on confirmation message. 6. Chose a reason on [Reason] combo box. 7. Try to input reason on [Other Reason] textbox. | 7. Cannot input to [Other Reason] textbox. |  |
| [Int-110] | Verify that can cancel a Order when chose a reason different "Other" in [Reason] combo box. | | 1. User has logged in successfully with "User"/"Manager" role. 2. From [Home Page] screen, click on [Offer] link on left screen. 3. Open a “Order” in “Submitted” status. 4. Click on "Cancel" button. 5. Click on [OK] button on confirmation message. 6. Chose a reason on [Reason] combo box. 7. Click [OK] button on cancelation reason dialog. | 7.  v [Status] of the selected Order is changed to “Cancelled” v [Cancellation Reason] is updated as inputted value in step 6. |  |

# Test Summary Report

## Test Execution Summary

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Test Execution Summary** | | | | | | |
|  | **Pass** | **Fail** | **Untested** | **Accepted** | **N/A** | **Number of Test cases** |
|  | *0* | *0* | *0* | *0* | *0* | *0* |
| **Function** | *0* | *0* | *0* | *0* | *0* | *0* |
| **Workflow** | *0* | *0* | *0* | *0* | *0* | *0* |
| **Permission** | *0* | *0* | *0* | *0* | *0* | *0* |
| **GUI** | *0* | *0* | *0* | *0* | *0* | *0* |
| **External Interface** | *0* | *0* | *0* | *0* | *0* | *0* |
| **Performance** | *0* | *0* | *0* | *0* | *0* | *0* |
| **Data migration** | *0* | *0* | *0* | *0* | *0* | *0* |
| **Test coverage** |  |  |  |  |  |  |
| Test coverage |  |  |  |  |  | ***100%*** |
| Test successful coverage |  |  |  |  |  | ***100%*** |

## Test Results

### Summary of Incident Reports Raised During Project

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Severity | Total Defect | Open Defect | | | |
| **Assigned** | **Corrected** | **Accepted** | **Total Open defects** |
| Fatal | **0** | 0 | 0 | 0 | **0** |
| Serious | **0** | 0 | 0 | 0 | **0** |
| Medium | **0** | 0 | 0 | 8 | **8** |
| Cosmetic | **0** | 0 | 0 | 4 | **4** |
| **Total (Status)** | **0** | **0** | **0** | **12** | **12** |
| **Total (W.def)** | **0** | **0** | **0** | **28** | **28** |

Total defects above excludes “Cancelled” defects.

### Action Plan for Outstanding Incidents

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| # | Defect ID | Defect Title | Severity | Next action | Confirmed By | Notes |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

## Conclusion

### System Test Success Criteria

|  |  |  |
| --- | --- | --- |
| # | Criteria | Status |
| 1 | All the inputs of system testing are baselined and approved by relevant stakeholders (Common requirement, ADD, SRS, Design,Software package, System test cases). |  |
| 2 | System testing is over and all known issues (if any) are aware by relevant stakeholders (Team lead, Test lead, PM, Tech lead) and documented in Test summary report. |  |
| 3 | All planned Test Cases have been executed (100% test execution coverage) |  |
| 4 | At least 95% executed system test cases have to be passed. (More than 95% test successful coverage) |  |
| 5 | 100% high priority test cases in scope are passed. |  |
| 6 | Only Cosmetic defects can be accepted |  |

### Conclusion