Software Test Description

For

BH&CO Inventory Management System (IMS)

Prepared by

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Contents

1 INTRODUCTION

This document provides the test documentation that will facilitate the technical tasks of testing including the detailed test cases for system testing. Preconditions required to execute each test case, the specific item to be tested, the input, expected output or results, and procedural steps where applicable.

1.1   System Overview

System Number   : FSKM-2025-IMS

System Name   : "Inventory Management System"

System Abbreviation   : IMS

1.1.1 Purpose of the System

The purpose of this system is to provide users with the ability to manage users, inventory, suppliers and purchase orders. The system focusses to be:

-   A comprehensive supplier management system
-   A user-friendly platform for managing inventory and suppliers
-   A streamlined system for handling purchase orders efficiently

The system contains the following features:

-   Login
-   Register
-   View User Account List
-   Manage User Account
-   View Supplier List
-   Manage Supplier List
-   View Inventory List

- Manage Inventory List
- View Purchase Order
- Manage Purchase Order

1.2   Document Overview

This Software Test Description (STD) document is used to describe the test preparation, test procedure and test cases for achieving the development of the software.

Chapter 1	Describes the system overview and document overview
Chapter 2	Describes the formal qualification test preparation
Chapter 3	Describes the formal qualification test description

2. FORMAL QUALIFICATION TEST PREPARATIONS

This section will be about the test schedule and preparation procedures for each formal qualification test of the system.

Date	Place	Purpose
7/1/2025 – 10/1/2025	IS Lab, College of Computing, Informatics and Mathematics at Universiti Teknologi MARA (UiTM) Shah Alam	User Acceptance Testing 1
15/1/2025 – 16/1/2025	IS Lab, College of Computing, Informatics and Mathematics at Universiti Teknologi MARA (UiTM) Shah Alam	User Acceptance Testing 2

3   TEST DESCRIPTION

This chapter describes the test description of each feature.

3.1   [STD_IMS_100] Login

The goal of this test is to verify that the intended user can be logged in to the system.

This test contains the following test cases:

Test Case ID	Test Case Title
STD_IMS_101	Verify user is able to login into the system when using valid email and right password
STD_IMS_102	Verify error message is displayed when user enters valid email detail and wrong password while login into the system
STD_IMS_103	Verify error message is displayed when user enters invalid email and any password while login into the system
STD_IMS_104	Verify system displays an error message when the entered password is less than 8 characters.
STD_IMS_105	Verify error message is displayed when user leave password field empty while login into the system
STD_IMS_106	Verify error message is displayed when user only enters password and leave other field empty while login into the system
STD_IMS_107	Verify error message is displayed when user leave all field empty while login into the system
STD_IMS_108	Verify system denies access and displays an error message when a user without a role attempts to log in.
STD_IMS_109	Verify the system displays an error message when the email does not contain '@'.

3.1.1   STD_IMS_101 – Verify user can access to the system using valid email and password

Test Case ID	STD_IMS_101
Description	The goal of the test case is to verify valid email and valid password.
Use case to be tested	UC-100: Log In
Requirement traceability	Refer Appendix A
User	Admin, Manager, Department Leader, Supplier
Test inputs	1. Enter Email using keyboard 2. Enter Password using keyboard
Pre-Conditions	• User account has been registered • The user has a valid role assigned
Test Procedure	1. Users go to login page. 2. Users insert valid email and valid password Email: alyasyaf10@gmail.com

	Password: alya_123
	3. Click the "Log In" button.
Expected Test Results	The user can successfully login to the system. User will be redirected to the home page.
Business Rules	Password must have at least 8 characters.

3.1.2   STD_IMS_102 – Verify use cannot access to the system using invalid email and password

Test Case ID	STD_IMS_102
Description	The goal of the test case is to verify that the system displays an error message when valid email and an incorrect password are entered.
Use case to be tested	UC-100: Log In
Requirement traceability	Refer Appendix A
User	Admin, Manager, Department Leader, Supplier
Test inputs	1. Enter Email using keyboard 2. Enter Password using keyboard
Pre-Conditions	• User account has been registered • The user has a valid role assigned.

Test Procedure	1. Users go to the login page.
	
	2. Enter valid email and incorrect password.
	
	   Email: alyasyaf10@gmail.com
	
	   Password: alya_111
	
	3. Click the "Log In" button.

Expected Test Results	Display error message: "These credentials do not match our records."
Business Rules	The system should not authenticate users with incorrect passwords.

3.1.3   STD_IMS_103 – Verify error message is displayed when user enters invalid email and any password while login into the system

Test Case ID	STD_IMS_103
Description	The goal of the test case is to verify that the system displays an error message when invalid email is entered.
Use case to be tested	UC-100: Log In
Requirement traceability	Refer Appendix A
User	Admin, Manager, Department Leader, Supplier
Test inputs	1. Enter Email using keyboard 2. Enter Password using keyboard
Pre-Conditions	The email does not exist in the system.

Test Procedure	1. Users go to the login page.
	
	2. Enter invalid email and incorrect password.
	
	   Email: alyas@gmail.com
	
	   Password: alya_123
	
	3. Click the "Log In" button.

Expected Test Results	Display error message: "These credentials do not match our records."
Business Rules	Only valid, registered users can log in.

3.1.4 STD_IMS_104 – Verify system displays an error message when the entered password is less than 8 characters.

Test Case ID	STD_IMS_104
Description	The goal of the test case is to verify that an error message is displayed when the password entered is less than 8 characters.
Use case to be tested	UC-100: Log In
Requirement traceability	Refer Appendix A
User	Admin, Manager, Department Leader, Supplier
Test inputs	1. Enter Email using keyboard 2. Enter Password using keyboard
Pre-Conditions	The email exists in the system.

Test Procedure	1. Users go to the login page.
	
	2. Enter valid email and incorrect password.
	
	    Email: alyasyaf10@gmail.com
	
	    Password: alya_1
	
	3. Click the "Log In" button.

Expected Test Results	Display error message: "Password must be at least 8 characters long."
Business Rules	Enforce a minimum password length of 8 characters.

3.1.5 STD_IMS_105 – Verify error message is displayed when user leave password field empty while login into the system

Test Case ID	STD_IMS_105
Description	The goal of the test case is to verify that an error message is displayed when the password field is left empty.
Use case to be tested	UC-100: Log In
Requirement traceability	Refer Appendix A
User	Admin, Manager, Department Leader, Supplier
Test inputs	1. Enter Email using keyboard 2. Do not enter password.
Pre-Conditions	The email exists in the system.

Test Procedure	1. Users go to the login page.
	
	2. Enter valid email and do not enter password.
	
	    Email: alyasyaf
	
	    Password: <empty>
	
	3. Click the "Log In" button.

Expected Test Results	Display error message: "Password field cannot be empty."
Business Rules	Password field must not be empty during login.

3.1.6 STD_IMS_106 – Verify error message is displayed when user only enters password and leave other field empty while login into the system.

Test Case ID	STD_IMS_106
Description	The goal of the test case is to verify that an error message is displayed when the email field is left empty, and only the password is entered.
Use case to be tested	UC-100: Log In
Requirement traceability	Refer Appendix A
User	Admin, Manager, Department Leader, Supplier
Test inputs	1. Do not enter email. 2. Enter Password using keyboard.
Pre-Conditions	The email exists in the system.

Test Procedure	1. Users go to the login page.
	
	2. Do not enter email and enter valid password.
	
	    Email: <empty>
	
	    Password: alya_111
	
	3. Click the "Log In" button.

Expected Test Results	Display error message: "Email field cannot be empty."
Business Rules	Email field must not be empty during login.

3.1.7 STD_IMS_107 – Verify error message is displayed when user leave all field empty while login into the system.

Test Case ID	STD_IMS_107
Description	The goal of the test case is to verify that an error message is displayed when the email field is left empty, and only the password is entered.
Use case to be tested	UC-100: Log In
Requirement traceability	Refer Appendix A
User	Admin, Manager, Department Leader, Supplier
Test inputs	1. Do not enter email. 2. Do not enter password.
Pre-Conditions	The email exists in the system.

Test Procedure	1. Users go to the login page.
	
	2. Do not enter email and password.
	
	    Email: <empty>
	
	    Password: <empty>
	
	3. Click the "Log In" button.

Expected Test Results	Display error message: "Both email and password fields cannot be empty."
Business Rules	Email field must not be empty during login.

3.1.8 STD_IMS_108 – Verify system denies access and displays an error message when a user without a role attempts to log in.

Test Case ID	STD_IMS_108
Description	The goal of the test case is to verify that the system denies access and displays an error message when a user without an assigned role attempts to log in.
Use case to be tested	UC-100: Log In
Requirement traceability	Refer Appendix A
User	Admin, Manager, Department Leader, Supplier
Test inputs	1. Enter email using keyboard. 2. Enter password using keyboard.
Pre-Conditions	The user exists in the system but has no role assigned.
Test Procedure	1. Users go to the login page. 2. Enter the email and password of a user without a role. Email: fika Password: fika_666@gmail.com 3. Click the "Log In" button.
Expected Test Results	Display error message "Access denied for new user without a role. Please contact the administrator."
Business Rules	All users must have a role assigned to access the system.

3.1.9 STD_IMS_109 – Verify the system displays an error message when the email does not contain '@'.

Test Case ID	STD_IMS_109
Description	The goal of the test case is to verify the system displays an error message when the email does not contain '@'.
Use case to be tested	UC-100: Log In
Requirement traceability	Refer Appendix A
User	Admin, Manager, Department Leader, Supplier
Test inputs	1. Enter invalid email using keyboard. 2. Enter password using keyboard.
Pre-Conditions	The email field contains an invalid email format (no '@').
Test Procedure	1. Users go to the login page. 2. Enter the email and password of a user without a role. Email: fika.gmail.com Password: fika_666 3. Click the "Log In" button.
Expected Test Results	Display error message: "Email must contain '@' to be a valid email address."
Business Rules	The email must be a valid email address containing '@'.

3.2 [STD_IMS_200] Register Account

The goal of this test is to verify that the intended user can be register to the system.

This test contains the following test cases:

Test Case ID	Test Case Title
STD_IMS_201	Verify Admin can register an account when input valid name, email, password & confirm password
STD_IMS_202	Verify Admin cannot register an account when don't fill any information
STD_IMS_203	Verify Admin cannot register an account when input email without @
STD_IMS_204	Verify Admin cannot register an account when input password less than 8 characters
STD_IMS_205	Verify Admin cannot register an account when input not same password for confirm password
STD_IMS_206	Verify Admin cannot register an account when input existing registered email
STD_IMS_207	Verify Admin can register an account when input same name but different email
STD_IMS_208	Verify Admin cannot register an account when input different name and existing registered email
STD_IMS_209	Verify Admin can register an account when input number in name field
STD_IMS_210	Verify Admin can register an account when input symbol @ or ' in name field
STD_IMS_211	Verify Admin cannot register an account when name field blank and input valid email, password & confirm password
STD_IMS_212	Verify Admin cannot register an account when input existing registered email and different pasword
STD_IMS_213	Verify Admin can register an account when input same password as other account
STD_IMS_214	Verify Manager can register an account when input valid name, email, password & confirm password
STD_IMS_215	Verify Manager cannot register an account when don't fill any information
STD_IMS_216	Verify Manager cannot register an account when input email without @
STD_IMS_217	Verify Manager cannot register an account when input password less than 8 characters
STD_IMS_218	Verify Department Leader can register an account when input valid name, email, password & confirm password
STD_IMS_219	Verify Department Leader cannot register an account when don't fill any information
STD_IMS_220	Verify Department Leader cannot register an account when input email without @
STD_IMS_221	Verify Department Leader cannot register an account when input password less than 8 characters
STD_IMS_222	Verify Supplier can register an account when input valid name, email, password & confirm password
STD_IMS_223	Verify Supplier cannot register an account when don't fill any information
STD_IMS_224	Verify Supplier cannot register an account when input email without @

STD_IMS_225	Verify Supplier cannot register an account when input password less than 8 characters

3.2.1 STD_IMS_201 – Verify Admin can register an account when input valid name, email, password & confirm password

Test Case ID	STD_IMS_201
Description	The goal of the test case is to verify Admin can register an account when input valid name, email, password & confirm password
Use case to be tested	UC-200: Register
Requirement traceability	Refer Appendix A
User	Admin
Test inputs	1. Enter Name using keyboard 2. Enter Email using keyboard 3. Enter Password using keyboard 4. Enter Confirm Password using keyboard
Pre-Conditions	User needs to be on the homepage of the system

Test Procedure	1. User go to Register page
	
	2. Enter valid input
	
	  Name : admin2
	
	  Email : admin2@gmail.com
	
	  Password : Athirah@admin2
	
	  Confirm password : Athirah@admin2
	
	3. User click 'Register' button

Expected Test Results	Display successful registration message confirming the account creation
Business Rules	None

3.2.2 STD_IMS_202 – Verify Admin cannot register an account when don't fill any information

Test Case ID	STD_IMS_202
Description	The goal of the test case is to verify Admin cannot register an account when don't fill any information
Use case to be tested	UC-200: Register
Requirement traceability	Refer Appendix A
User	Admin
Test inputs	Do not enter any input
Pre-Conditions	User needs to be on the homepage of the system

Test Procedure	1. User go to Register page
	
	2. Do not enter any input
	  Name : <empty>
	
	  Email : <empty>
	
	  Password : <empty>
	
	  Confirm password : <empty>
	
	3. User click 'Register' button

Expected Test Results	Display an error massage of "Incomplete User Account Information"
Business Rules	None

3.2.3 STD_IMS_203 – Verify Admin cannot register an account when input email without @

Test Case ID	STD_IMS_203
Description	The goal of the test case is to verify Admin cannot register an account when input email without @
Use case to be tested	UC-200: Register
Requirement traceability	Refer Appendix A
User	Admin
Test inputs	Enter email without @
Pre-Conditions	User needs to be on the homepage of the system

Test Procedure	1. User go to Register page
	2. Enter valid input, but email without @
	  Name : admin3
	  Email : admin3!gmail.com
	  Password : Arifah@admin3
	  Confirm password : Arifah@admin3
	3. User click 'Register' button

Expected Test Results	Display an error massage of "Incomplete User Account Information"
Business Rules	None

3.2.4 STD_IMS_204 – Verify Admin cannot register an account when input password less than 8 characters

Test Case ID	STD_IMS_204
Description	The goal of the test case is to verify Admin cannot register an account when input password less than 8 characters
Use case to be tested	UC-200: Register
Requirement traceability	Refer Appendix A
User	Admin
Test inputs	Enter password less than 8 characters
Pre-Conditions	User needs to be on the homepage of the system

Test Procedure	1. User go to Register page
	2. Enter valid input, but password less than 8 characters
	  Name : admin3
	  Email : admin3gmail.com
	  Password : Arifah3
	  Confirm password : Arifah3
	3. User click 'Register' button

Expected Test Results	Display an error massage of "Incomplete User Account Information"
Business Rules	None

3.2.5 STD_IMS_205 – Verify Admin cannot register an account when input not same password for confirm password

Test Case ID	STD_IMS_205
Description	The goal of the test case is to verify Admin cannot register an account when input not same password for confirm password
Use case to be tested	UC-200: Register
Requirement traceability	Refer Appendix A
User	Admin
Test inputs	Enter confirm password not same as password
Pre-Conditions	User needs to be on the homepage of the system

Test Procedure	1. User go to Register page
	2. Enter valid input, but confirm password not same as password
	  Name : admin3
	  Email : admin3gmail.com
	  Password : Arifah@admin3
	  Confirm password : Arifah@admin
	3. User click 'Register' button

Expected Test Results	Display an error massage "The password field confirmation does not match"
Business Rules	None

3.2.6 STD_IMS_206 – Verify Admin cannot register an account when input existing registered email

Test Case ID	STD_IMS_206
Description	The goal of the test case is to verify Admin cannot register an account when input existing registered email
Use case to be tested	UC-200: Register
Requirement traceability	Refer Appendix A
User	Admin
Test inputs	Enter exist registered email
Pre-Conditions	User needs to be on the homepage of the system

Test Procedure	1. User go to Register page
	2. Enter valid input, but exist registered email
	  Name : admin3
	  Email : admin2@gmail.com
	  Password : Arifah@admin3
	  Confirm password : Arifah@admin3
	3. User click 'Register' button

Expected Test Results	Display an error massage "Email already exist"
Business Rules	None

3.2.7 STD_IMS_207 – Verify Admin can register an account when input same name but different email

Test Case ID	STD_IMS_207
Description	The goal of the test case is to verify Admin can register an account when input same name but different email
Use case to be tested	UC-200: Register
Requirement traceability	Refer Appendix A
User	Admin
Test inputs	Enter same name but different email
Pre-Conditions	User needs to be on the homepage of the system

Test Procedure	1. User go to Register page
	 2. User enter input
	  Name : admin2
	  Email : adminAA@gmail.com
	  Password : 1234Abc@
	  Confirm password : 1234Abc@
	 3. User click 'Register' button

Expected Test Results	Display successful registration message confirming the account creation
Business Rules	None

3.2.8 STD_IMS_208 – Verify Admin cannot register an account when input different name and existing registered email

Test Case ID	STD_IMS_208
Description	The goal of the test case is to verify Admin cannot register an account when input different name and existing registered email
Use case to be tested	UC-200: Register
Requirement traceability	Refer Appendix A
User	Admin
Test inputs	Enter different name but same email
Pre-Conditions	User needs to be on the homepage of the system

Test Procedure	1. User go to Register page
	 2. User enter input
	  Name : adminAA
	  Email : admin2@gmail.com
	  Password : 1234Abc@
	  Confirm password : 1234Abc@
	 3. User click 'Register' button

Expected Test Results	Display an error massage "Email already exist"
Business Rules	None

3.2.9 STD_IMS_209 – Verify Admin can register an account when input number in name field

Test Case ID	STD_IMS_209
Description	The goal of the test case is to verify Admin cannot register an account when input number in name field
Use case to be tested	UC-200: Register
Requirement traceability	Refer Appendix A
User	Admin
Test inputs	Enter number in name field
Pre-Conditions	User needs to be on the homepage of the system

Test Procedure	1. User go to Register page
	2. User enter input
	  Name : admin3
	  Email : admin3gmail.com
	  Password : Arifah@admin3
	  Confirm password : Arifah@admin3
	3. User click 'Register' button

Expected Test Results	Display successful registration message confirming the account creation
Business Rules	None

3.2.10 STD_IMS_210 – Verify Admin can register an account when input symbol @ or ' in name field

Test Case ID	STD_IMS_210
Description	The goal of the test case is to verify Admin can register an account when input symbol @ or ' in name field
Use case to be tested	UC-200: Register
Requirement traceability	Refer Appendix A
User	Admin
Test inputs	Enter symbol @ and ' in name field
Pre-Conditions	User needs to be on the homepage of the system

Test Procedure	1. User go to Register page
	2. User enter input
	  Name : adminNi'
	  Email : admin3gmail.com
	  Password : Arifah@admin3
	  Confirm password : Arifah@admin3
	3. User click 'Register' button

Expected Test Results	Display successful registration message confirming the account creation
Business Rules	None

3.2.11 STD_IMS_211 – Verify Admin cannot register an account when name field blank and input valid email, password & confirm password

Test Case ID	STD_IMS_211
Description	The goal of the test case is to verify Admin cannot register an account when name field blank and input valid email, password & confirm password
Use case to be tested	UC-200: Register
Requirement traceability	Refer Appendix A
User	Admin
Test inputs	Enter blank fill in name field
Pre-Conditions	User needs to be on the homepage of the system
Test Procedure	1. User go to Register page 2. User enter input Name : <empty> Email : admin3gmail.com Password : Arifah@admin3 Confirm password : Arifah@admin3 3. User click 'Register' button
Expected Test Results	Display an error massage of "Incomplete User Account Information"
Business Rules	None

3.2.12 STD_IMS_212 – Verify Admin cannot register an account when input existing registered email and different pasword

Test Case ID	STD_IMS_212
Description	The goal of the test case is to verify Admin cannot register an account when input existing registered email and different pasword
Use case to be tested	UC-200: Register
Requirement traceability	Refer Appendix A
User	Admin
Test inputs	Enter exist registered email, but different email
Pre-Conditions	User needs to be on the homepage of the system
Test Procedure	1. User go to Register page 2. Enter valid input, but exist registered email and different email Name : admin4 Email : admin2@gmail.com Password : Aa@admin3 Confirm password : Aa@admin3 3. User click 'Register' button

Expected Test Results	Display an error massage "Email already exist"
Business Rules	None

3.2.12 STD_IMS_213 – Verify Admin can register an account when input same password as other account

Test Case ID	STD_IMS_213
Description	The goal of the test case is to verify Admin can register an account when input same password as other account
Use case to be tested	UC-200: Register
Requirement traceability	Refer Appendix A
User	Admin
Test inputs	Enter same password as other account
Pre-Conditions	User needs to be on the homepage of the system

Test Procedure	1. User go to Register page
	
	2. User enter input
	
	  Name : admin4
	
	  Email : admin4gmail.com
	
	  Password : Arifah@admin3
	
	  Confirm password : Arifah@admin3
	
	3. User click 'Register' button

Expected Test Results	Display successful registration message confirming the account creation
Business Rules	None

3.2.14 STD_IMS_214 – Verify Manager can register an account when input valid name, email, password & confirm password

Test Case ID	STD_IMS_214
Description	The goal of the test case is to verify Manager can register an account when input valid name, email, password & confirm password
Use case to be tested	UC-200: Register
Requirement traceability	Refer Appendix A
User	Manager
Test inputs	1. Enter Name using keyboard 2. Enter Email using keyboard 3. Enter Password using keyboard 4. Enter Confirm Password using keyboard
Pre-Conditions	User needs to be on the homepage of the system

Test Procedure	1. User go to Register page
	
	2. Enter valid input
	
	  Name : managerAli
	
	  Email : ali@bhco.com
	
	  Password : Ali@4567

	Confirm password : Ali@4567
	3. User click 'Register' button
Expected Test Results	Display successful registration message confirming the account creation
Business Rules	None

3.2.15 STD_IMS_215 – Verify Manager cannot register an account when don't fill any information

Test Case ID	STD_IMS_215
Description	The goal of the test case is to verify Manager cannot register an account when don't fill any information
Use case to be tested	UC-200: Register
Requirement traceability	Refer Appendix A
User	Manager
Test inputs	Do not enter any input
Pre-Conditions	User needs to be on the homepage of the system

Test Procedure	1. User go to Register page
	
	2. Do not enter any input
	
	  Name : <empty>
	
	  Email : <empty>
	
	  Password : <empty>
	
	  Confirm password : <empty>
	
	3. User click 'Register' button

Expected Test Results	Display an error massage of "Incomplete User Account Information"
Business Rules	None

3.2.16 STD_IMS_216 – Verify Manager cannot register an account when input email without @

Test Case ID	STD_IMS_216
Description	The goal of the test case is to verify Manager cannot register an account when input email without @
Use case to be tested	UC-200: Register
Requirement traceability	Refer Appendix A
User	Manager
Test inputs	Enter email without @
Pre-Conditions	User needs to be on the homepage of the system

Test Procedure	1. User go to Register page
	
	2. Enter valid input
	
	  Name : managerAli
	
	  Email : ali!bhco.com
	
	  Password : Ali@4567

	Confirm password : Ali@4567
	3. User click 'Register' button
Expected Test Results	Display an error massage of "Incomplete User Account Information"
Business Rules	None

3.2.17 STD_IMS_217 – Verify Manager cannot register an account when input password less than 8 characters

Test Case ID	STD_IMS_217
Description	The goal of the test case is to verify Manager cannot register an account when input password less than 8 characters
Use case to be tested	UC-200: Register
Requirement traceability	Refer Appendix A
User	Manager
Test inputs	Enter password less than 8 characters
Pre-Conditions	User needs to be on the homepage of the system

Test Procedure	1. User go to Register page
	
	 2. Enter valid input, but password less than 8 characters
	
	  Name : admin3
	
	  Email : admin3gmail.com
	
	  Password : Arifah3
	
	  Confirm password : Arifah3
	
	 3. User click 'Register' button

Expected Test Results	Display an error massage of "Incomplete User Account Information"
Business Rules	None

3.2.18 STD_IMS_218 – Verify Department Leader can register an account when input valid name, email, password & confirm password

Test Case ID	STD_IMS_218
Description	The goal of the test case is to verify Department Leader can register an account when input valid name, email, password & confirm password
Use case to be tested	UC-200: Register
Requirement traceability	Refer Appendix A
User	Department Leader
Test inputs	1. Enter Name using keyboard 2. Enter Email using keyboard 3. Enter Password using keyboard 4. Enter Confirm Password using keyboard
Pre-Conditions	User needs to be on the homepage of the system
Test Procedure	1. User go to Register page 2. Enter valid input Name : Siti

	Email : siti@bhco.com
	Password : Siti@6789
	Confirm password : Siti@6789
	3. User click 'Register' button
Expected Test Results	Display successful registration message confirming the account creation
Business Rules	None

3.2.19 STD_IMS_219 – Verify Department Leader cannot register an account when don't fill any information

Test Case ID	STD_IMS_219
Description	The goal of the test case is to verify Department Leader cannot register an account when don't fill any information
Use case to be tested	UC-200: Register
Requirement traceability	Refer Appendix A
User	Department Leader
Test inputs	Do not enter any input
Pre-Conditions	User needs to be on the homepage of the system
Test Procedure	1. User go to Register page
	2. Do not enter any input
	Name : <empty>
	Email : <empty>
	Password : <empty>
	Confirm password : <empty>
	3. User click 'Register' button
Expected Test Results	Display an error massage of "Incomplete User Account Information"
Business Rules	None

3.2.20 STD_IMS_220 – Verify Department Leader cannot register an account when input email without @

Test Case ID	STD_IMS_220
Description	The goal of the test case is to verify Department Leader cannot register an account when input email without @
Use case to be tested	UC-200: Register
Requirement traceability	Refer Appendix A
User	Department Leader
Test inputs	Enter email without @
Pre-Conditions	User needs to be on the homepage of the system
Test Procedure	1. User go to Register page
	2. Enter valid input
	Name : Siti
	Email : siti!bhco.com

	Password : Siti@6789
	Confirm password : Siti@6789
	3. User click 'Register' button
Expected Test Results	Display an error massage of "Incomplete User Account Information"
Business Rules	None

3.2.21 STD_IMS_221 – Verify Department Leader cannot register an account when input password less than 8 characters

Test Case ID	STD_IMS_221
Description	The goal of the test case is to verify Deparment Leader cannot register an account when input password less than 8 characters
Use case to be tested	UC-200: Register
Requirement traceability	Refer Appendix A
User	Department Leader
Test inputs	Enter password less than 8 characters
Pre-Conditions	User needs to be on the homepage of the system
Test Procedure	1. User go to Register page
	2. Enter valid input
	Name : Siti
	Email : siti!bhco.com
	Password : Siti@67
	Confirm password : Siti@67
	3. User click 'Register' button
Expected Test Results	Display an error massage of "Incomplete User Account Information"
Business Rules	None

3.2.22 STD_IMS_222 – Verify Supplier can register an account when input valid name, email, password & confirm password

Test Case ID	STD_IMS_222
Description	The goal of the test case is to verify Supplier can register an account when input valid name, email, password & confirm password
Use case to be tested	UC-200: Register
Requirement traceability	Refer Appendix A
User	Supplier
Test inputs	1. Enter Name using keyboard 2. Enter Email using keyboard 3. Enter Password using keyboard 4. Enter Confirm Password using keyboard
Pre-Conditions	User needs to be on the homepage of the system
Test Procedure	1. User go to Register page
	2. Enter valid input

	Name : HakimSupp
	Email : hakim@gmail.com
	Password : HakimSupp123.
	Confirm password : HakimSupp123.
	3. User click 'Register' button
Expected Test Results	Display successful registration message confirming the account creation
Business Rules	None

3.2.23 STD_IMS_223 – Verify Supplier cannot register an account when don't fill any information

Test Case ID	STD_IMS_223
Description	The goal of the test case is to verify Supplier cannot register an account when don't fill any information
Use case to be tested	UC-200: Register
Requirement traceability	Refer Appendix A
User	Supplier
Test inputs	Do not enter any input
Pre-Conditions	User needs to be on the homepage of the system
Test Procedure	1. User go to Register page
	2. Do not enter any input
	Name : <empty>
	Email : <empty>
	Password : <empty>
	Confirm password : <empty>
	3. User click 'Register' button
Expected Test Results	Display an error massage of "Incomplete User Account Information"
Business Rules	None

3.2.24 STD_IMS_224 – Verify Supplier cannot register an account when input email without @

Test Case ID	STD_IMS_224
Description	The goal of the test case is to verify Supplier cannot register an account when input email without @
Use case to be tested	UC-200: Register
Requirement traceability	Refer Appendix A
User	Supplier
Test inputs	Enter email without @
Pre-Conditions	User needs to be on the homepage of the system
Test Procedure	1. User go to Register page
	2. Enter valid input

	Name : HakimSupp
	Email : hakim!gmail.com
	Password : HakimSupp123.
	Confirm password : HakimSupp123.
	3. User click 'Register' button
Expected Test Results	Display an error massage of "Incomplete User Account Information"
Business Rules	None

3.2.25 STD_IMS_225 – Verify Supplier cannot register an account when input password less than 8 characters

Test Case ID	STD_IMS_225
Description	The goal of the test case is to verify Supplier cannot register an account when input password less than 8 characters
Use case to be tested	UC-200: Register
Requirement traceability	Refer Appendix A
User	Supplier
Test inputs	Enter password less than 8 characters
Pre-Conditions	User needs to be on the homepage of the system
Test Procedure	1. User go to Register page
	2. Enter valid input
	Name : HakimSupp
	Email : hakim!gmail.com
	Password : HakimS.
	Confirm password : HakimSupp123.
	3. User click 'Register' button
Expected Test Results	Display an error massage of "Incomplete User Account Information"
Business Rules	None

3.3 [STD_IMS_300] View User Account List

The goal of this test is to verify that the intended user can view user account list in the system.

This test contains the following test cases:

Test Case ID	Test Case Title
STD_IMS_301	Verify system display the valid output based on the search value when admin enter random number at search bar
STD_IMS_302	Verify System display valid output if the input value has existed and display no records found if the input value does not exist when the admin enters random word at search bar
STD_IMS_303	Verify System display valid output if the input value has existed and display no records found if the input value does not exist when the admin enters alphanumeric word at search bar
STD_IMS_304	Verify System display valid output if the input value has existed and display no records found if the input value does not exist when the admin enters all word in lowercase at search bar
STD_IMS_305	Verify System display valid output if the input value has existed and display no records found if the input value does not exist when the admin enters all word in capital letter at search bar
STD_IMS_306	Verify System display valid output if the input value has existed and display no records found if the input value does not exist when the admin enter capitalization at search bar
STD_IMS_307	Verify System display valid output of ID, name, role and email of the new user when admin create a new user
STD_IMS_308	Verify System delete user's information from the table when admin delete a user
STD_IMS_309	Verify System display updated valid output of the user when admin edit a user's information

3.3.1 STD_IMS_301 – Verify system display the valid output based on the search value when admin enter random number at search bar

Test Case ID	STD_IMS_301
Description	The goal of the test case is to verify that the details of the user's account that has been registered will be displayed according to the search value.
Use case to be tested	UC-300 View User Account List
Requirement traceability	Refer Appendix A
User	Admin
Test inputs	Enter random number using keyboard
Pre-Conditions	- Actor must be logged in into the system - Account must have been created and saved in the system
Test Procedure	1. Admin click on Manage User option in the header 2. Admin insert random number at the search bar

	Search: 10
Expected Test Results	System will display valid output if the input value is existed and display no records found if the input value does not exist
Business Rules	None

3.3.2 STD_IMS_302 – Verify System display valid output if the input value has existed and display no records found if the input value does not exist when the admin enters random word at search bar

Test Case ID	STD_IMS_302
Description	The goal of the test case is to verify that the details of the user's account that has been registered will be displayed according to the search value.
Use case to be tested	UC-300 View User Account List
Requirement traceability	Refer Appendix A
User	Admin
Test inputs	Enter random word using keyboard
Pre-Conditions	- Actor must be logged in into the system - Account must have been created and saved in the system
Test Procedure	1. Admin click on Manage User option in the header 2. Admin insert random word at the search bar Search: supplier
Expected Test Results	System will display valid output if the input value is existed and display no records found if the input value does not exist
Business Rules	None

3.3.3 STD_IMS_303 – Verify System display valid output if the input value has existed and display no records found if the input value does not exist when the admin enters alphanumeric word at search bar

Test Case ID	STD_IMS_303
Description	The goal of the test case is to verify that the details of the user's account that has been registered will be displayed according to the search value.
Use case to be tested	UC-300 View User Account List
Requirement traceability	Refer Appendix A
User	Admin
Test inputs	Enter alphanumeric word using keyboard
Pre-Conditions	• Actor must be logged in into the system • Account must have been created and saved in the system
Test Procedure	1. Admin click on Manage User option in the header 2. Admin insert alphanumeric number at the search bar Search: supplier2
Expected Test Results	System will display valid output if the input value is existed and display no records found if the input value does not exist

Business Rules	None

3.3.4   STD_IMS_304 – Verify System display valid output if the input value has existed and display no records found if the input value does not exist when the admin enters all word in lowercase at search bar

Test Case ID	STD_IMS_304
Description	The goal of the test case is to verify that the details of the user's account that has been registered will be displayed according to the search value.
Use case to be tested	UC-300 View User Account List
Requirement traceability	Refer Appendix A
User	Admin
Test inputs	Enter all word in lowercase using keyboard
Pre-Conditions	1. Actor must be logged in into the system 2. Account must have been created and saved in the system
Test Procedure	1. Admin click on Manage User option in the header 2. Admin insert all word in lowercase at the search bar Search: admin
Expected Test Results	System will display valid output if the input value is existed and display no records found if the input value does not exist
Business Rules	None

3.3.5   STD_IMS_305 – Verify System display valid output if the input value has existed and display no records found if the input value does not exist when the admin enters all word in capital letter at search bar

Test Case ID	STD_IMS_305
Description	The goal of the test case is to verify that the details of the user's account that has been registered will be displayed according to the search value.
Use case to be tested	UC-300 View User Account List
Requirement traceability	Refer Appendix A
User	Admin
Test inputs	Enter all word capital letter using keyboard
Pre-Conditions	3. Actor must be logged in into the system 4. Account must have been created and saved in the system
Test Procedure	3. Admin click on Manage User option in the header 4. Admin insert all word capital letter at the search bar Search: SUPPLIER
Expected Test Results	System will display valid output if the input value is existed and display no records found if the input value does not exist
Business Rules	None

3.3.6 STD_IMS_306 – Verify System display valid output if the input value has existed and display no records found if the input value does not exist when the admin enters capitalization word at search bar

Test Case ID	STD_IMS_306
Description	The goal of the test case is to verify that the details of the user's account that has been registered will be displayed according to the search value.
Use case to be tested	UC-300 View User Account List
Requirement traceability	Refer Appendix A
User	Admin
Test inputs	Enter capitalization word using keyboard
Pre-Conditions	1. Actor must be logged in into the system 2. Account must have been created and saved in the system
Test Procedure	1. Admin click on Manage User option in the header 2. Admin insert random number at the search bar Search: Supplier
Expected Test Results	System will display valid output if the input value is existed and display no records found if the input value does not exist
Business Rules	None

3.3.7 STD_IMS_307 – Verify System display valid output of ID, name, role and email of the new user when admin create a new user

Test Case ID	STD_IMS_307
Description	The goal of the test case is to verify that the details of the user's account that has been registered will be displayed when admin create a new user.
Use case to be tested	UC-300 View User Account List
Requirement traceability	Refer Appendix A
User	Admin
Test inputs	After submit new user information
Pre-Conditions	- Actor must be logged in into the system - Account must have been created and saved in the system
Test Procedure	1. Admin click on Manage User option in the header 2. Admin click on create user button 3. Admin fill in the information to create new user 3. Admin click on submit button 4. Admin will be redirected to Manage User page
Expected Test Results	System will display valid output of ID, name, role and email of the new user
Business Rules	None

3.3.8 STD_IMS_308 – Verify System display valid output when admin delete a user from the table

Test Case ID	STD_IMS_308
Description	The goal of the test case is to verify that the details of the user's account that has been deleted will be removed from the table when admin delete a user.
Use case to be tested	UC-300 View User Account List
Requirement traceability	Refer Appendix A
User	Admin
Test inputs	After deleting a user
Pre-Conditions	- Actor must be logged in into the system - Account must have been created and saved in the system
Test Procedure	1. Admin click on Manage User option in the header 2. Admin click on delete button in table column 3. Confirmation pop-up will appear 5. Admin click on accept button 6. Admin will be redirected to Manage User page
Expected Test Results	System will display valid output without the deleted user's information
Business Rules	None

3.3.9 STD_IMS_309 – Verify System display updated valid output of the user when admin edit a user's information

Test Case ID	STD_IMS_309
Description	The goal of the test case is to verify that the details of the user's account that has been edited will be displayed according to the edited value.
Use case to be tested	UC-300 View User Account List
Requirement traceability	Refer Appendix A
User	Admin
Test inputs	After edit user's information
Pre-Conditions	- Actor must be logged in into the system - Account must have been created and saved in the system
Test Procedure	1. Admin click on Manage User option in the header 2. Admin click on edit button in table column 3. Admin edit the user's information 4. Admin click on submit button 5. Admin will be redirected to Manage User page
Expected Test Results	System will display updated valid output of the user when admin edit a user's information
Business Rules	None

3.4 [STD_IMS_400] Manage User Account List

The goal of this test is to verify that the intended user can create, update, and delete user account successfully.

This test contains the following test cases:

Test Case ID	Test Case Title
STD_IMS_401	Verify admin successfully create new user account when admin enters valid name, email and minimum character of password
STD_IMS_402	Verify error message displays when admin submit with left compulsory attribute blank
STD_IMS_403	Verify error message displays when admin submit without filling in any field
STD_IMS_404	Verify admin able to create new user account when admin enters a password that is more than the minimum characters
STD_IMS_405	Verify error message displays when admin enter password that is less than the minimum characters
STD_IMS_406	Verify error message displays when admin submit with a mismatch password
STD_IMS_407	Verify error message displays when admin submit with invalid email format
STD_IMS_408	Verify error message displays when admin submit with existing email entry
STD_IMS_409	Verify the admin successfully edit the user account when submitting valid name, email and minimum character password
STD_IMS_410	Verify error message displays when admin edit an existing user account with existing email entry
STD_IMS_411	Verify error message displays when admin edit an existing account with existing email entry
STD_IMS_412	Verify error message displays when admin edit role of new user with the same new user role
STD_IMS_413	Verify admin successfully edits the existing user account when admin enters a password that is more than the minimum characters
STD_IMS_414	Verify error message displays when admin edit password that is less than the minimum characters
STD_IMS_415	Verify error message displays when admin edits account with a mismatch password
STD_IMS_416	Verify admin successfully delete the user account when admin delete an existing user account

3.4.1 STD_IMS_401 – Verify admin successfully create new user account when admin enters valid name, email and minimum character of password

Test Case ID	STD_IMS_401
Description	The goal of the test case is to verify admin can create a new user account when admin enters a valid detail including name, email, minimum character of password and assign role
Use case to be tested	UC-400 Manage User Account List
Requirement traceability	Refer Appendix A
User	Admin

Test inputs	1. Enters user's name using keyboard 2. Enter user's valid email using keyboard 3. Assign user's role 4. Enter 8-character user's password using keyboard 5. Enter user's confirmation password 6. Click button submit
Pre-Conditions	1. Admin logged in into the system 2. The admin must have the correct role or permissions
Test Procedure	1. Users go to "manage user" menu bar 2. Users click on "Create User" button 3. User fill in all required information including assigning role with password only the minimum character Name: Nurul Athirah Email address: tyraasmd@gmail.com Password: athirahh Role: manager 4. User click on "submit" button to complete the create account process
Expected Test Results	The user can successfully create a new user account. System will display successful user addition pop-up message
Business Rules	None

3.4.2   STD_IMS_402 – Verify error message displays when admin submit with left compulsory attribute blank

Test Case ID	STD_IMS_402
Description	The goal of the test case is to verify error message will displays when admin create account and submit with left compulsory attribute blank
Use case to be tested	UC-400 Manage User Account List
Requirement traceability	Refer Appendix A
User	Admin
Test inputs	1. Enters user's name using keyboard 2. User do not fill in the email address 3. Assign user's role 4. Enter user's password using keyboard 5. Enter user's confirmation password 6. Click button submit
Pre-Conditions	1. Admin logged in into the system 2. The admin must have the correct role or permissions
Test Procedure	1. Users go to "manage user" menu bar 2. Users click on "Create User" button 3. User fill in all required information including assigning role wthout inserting email address Name: Nurul Athirah Email address: <left blank> Password: athirah23 Role: manager

	4. User click on "submit" button to complete the create account process
Expected Test Results	The user failed to create a new user account. System will display error user addition pop-up message
Business Rules	None

3.4.3 STD_IMS_403 – Verify error message displays when admin submit without filling in any field

Test Case ID	STD_IMS_403
Description	The goal of the test case is to verify error message will displays when admin create account and submitting without filling in any field
Use case to be tested	UC-400 Manage User Account List
Requirement traceability	Refer Appendix A
User	Admin
Test inputs	5. Click button submit
Pre-Conditions	3. Admin logged in into the system 4. The admin must have the correct role or permissions
Test Procedure	1. Users go to "manage user" menu bar 2. Users click on "Create User" button 3. User click on "submit" button to complete the create account process
Expected Test Results	The user failed to create a new user account. System will display error user addition pop-up message
Business Rules	None

3.4.4 STD_IMS_404 – Verify admin successfully create new user account when admin enters a password that is more than the minimum characters

Test Case ID	STD_IMS_404
Description	The goal of the test case is to verify admin can create a new user account when admin submit the password with more than the minimum characters
Use case to be tested	UC-400 Manage User Account List
Requirement traceability	Refer Appendix A
User	Admin
Test inputs	1. Enters user's name using keyboard 2. Enter user's valid email using keyboard 3. Assign user's role 4. Enter 9-character user's password using keyboard 5. Enter user's confirmation password 6. Click button submit
Pre-Conditions	1. Admin logged in into the system 2. The admin must have the correct role or permissions
Test Procedure	1. Users go to "manage user" menu bar 2. Users click on "Create User" button

	3. User fill in all required information including assigning role with password more than the minimum characters • Name: Nurul Athirah • Email address: tyraasmd@gmail.com • Password: athirah02 • Role: manager 4. User click on "submit" button to complete the create account process
Expected Test Results	The user can successfully create a new user account. System will display successful user addition pop-up message
Business Rules	None

3.4.5   STD_IMS_405 – Verify error message displays when admin enter password that is less than the minimum characters

Test Case ID	STD_IMS_405
Description	The goal of the test case is to verify error message will displays when admin create new user account with less than minimum character of password
Use case to be tested	UC-400 Manage User Account List
Requirement traceability	Refer Appendix A
User	Admin
Test inputs	1. Enters user's name using keyboard 2. Enter user's valid email using keyboard 3. Assign user's role 4. Enter 4-character user's password using keyboard 5. Enter user's confirmation password 6. Click button submit
Pre-Conditions	1. Admin logged in into the system 2. The admin must have the correct role or permissions
Test Procedure	1. Users go to "manage user" menu bar 2. Users click on "Create User" button 3. User fill in all required information including assigning role with password less than the minimum characters Name: Nurul Athirah Email address: tyraasmd@gmail.com Password: tyra Role: manager 4. User click on "submit" button to complete the create account process
Expected Test Results	The user failed to create a new user account. System will display error password invalid pop-up message
Business Rules	None

3.4.6   STD_IMS_406 – Admin enter mismatch data in password and confirm password

Test Case ID	STD_IMS_406

Description	The goal of the test case is to verify error message will displays when admin create new user account with mismatch password in password and confirm password field
Use case to be tested	UC-400 Manage User Account List
Requirement traceability	Refer Appendix A
User	Admin
Test inputs	1. Enters user's name using keyboard 2. Enter user's valid email using keyboard 3. Assign user's role 4. Enter valid user's password using keyboard 5. Enter different data for user's confirmation password 6. Click button submit
Pre-Conditions	1. Admin logged in into the system 2. The admin must have the correct role or permissions
Test Procedure	1. Users go to "manage user" menu bar 2. Users click on "Create User" button 3. User fill in all required information including assigning role with mismatch password entry Name: Nurul Athirah Email address: tyraasmd@gmail.com Password: tyra Confirm Password: tyra10 Role: manager 4. User click on "submit" button to complete the create account process
Expected Test Results	The user failed to create a new user account. System will display error message indicating password does not match
Business Rules	None

3.4.7 STD_IMS_407 – Verify error message displays when admin submit with invalid email format

Test Case ID	STD_IMS_407
Description	The goal of the test case is to verify error message will displays when admin create a new user account and submit an invalid email format
Use case to be tested	UC-400 Manage User Account List
Requirement traceability	Refer Appendix A
User	Admin
Test inputs	1. Enters user's name using keyboard 2. Enter user's invalid email using keyboard 3. Assign user's role 4. Enter user's password using keyboard 5. Enter user's confirmation password 6. Click button submit
Pre-Conditions	1. Admin logged in into the system 2. The admin must have the correct role or permissions
Test Procedure	1. Users go to "manage user" menu bar

	2. Users click on "Create User" button
	3. User fill in all required information including assigning role with invalid email format
	Name: Nurul Athirah
	Email address: tyraasmd.com
	Password: athirah02
	Role: manager
	4. User click on "submit" button to complete the create account process
Expected Test Results	The user failed to create a new user account. System will display error pop-up message indicating invalid email format
Business Rules	None

3.4.8 STD_IMS_408 – Verify error message displays when admin submit with existing email entry

Test Case ID	STD_IMS_408
Description	The goal of the test case is to verify error message will displays when admin create new user account and submit with an existing email entry
Use case to be tested	UC-400 Manage User Account List
Requirement traceability	Refer Appendix A
User	Admin
Test inputs	1. Enters user's name using keyboard 2. Enter existing email using keyboard 3. Assign user's role 4. Enter valid user's password using keyboard 5. Enter user's confirmation password 6. Click button submit
Pre-Conditions	1. Admin logged in into the system 2. The admin must have the correct role or permissions
Test Procedure	1. Users go to "manage user" menu bar
	2. Users click on "Create User" button
	3. User fill in all required information including assigning role with email entry that already exist
	Name: Nurul Athirah
	Email address: <existing email entry>
	Password: athirah02
	Role: manager
	4. User click on "submit" button to complete the create account process
Expected Test Results	The user failed to create a new user account. System will display error pop-up message indicating email submitted already exist
Business Rules	None

3.4.9 STD_IMS _409 – Verify the admin successfully edit the user account when submitting valid name, email and minimum character password

Test Case ID	STD_IMS_409
Description	The goal of the test case is to verify admin can successfully edit the existing user account when editing with a valid entry of name, email, assign new role and minimum character of password
Use case to be tested	UC-400 Manage User Account List
Requirement traceability	Refer Appendix A
User	Admin
Test inputs	1. Edit new user's name using keyboard 2. Edit new user's valid email using keyboard 3. Assign new user's role 4. Edit new valid user's password using keyboard 5. Edit user's confirmation password 6. Click button submit
Pre-Conditions	1. Admin logged in into the system 2. The admin must have the correct role or permissions

Test Procedure	1. Users go to "manage user" menu bar
	
	2. Users click on "Edit" button
	
	3. User fill in all required information with a new information including assigning new role
	
	    Name: Nurul Amni
	
	    Email address: amninara@gmail.com
	
	    Password: amni2018
	
	    Role: Department Leader
	
	4. User click on "submit" button to complete the edit account process

Expected Test Results	The user successfully edits the user account. System will display successful pop-up message indicating user has been updated
Business Rules	None

3.4.10 STD_IMS_410 – Verify error message displays when admin edit an existing user account with invalid email format

Test Case ID	STD_IMS_410
Description	The goal of the test case is to verify error message will displays when admin edit the existing user account but with an invalid email format
Use case to be tested	UC-400 Manage User Account List
Requirement traceability	Refer Appendix A
User	Admin
Test inputs	1. Edit new users with invalid email format using keyboard 2. Click button submit
Pre-Conditions	1. Admin logged in into the system 2. The admin must have the correct role or permissions
Test Procedure	1. Users go to "manage user" menu bar 2. Users click on "Edit" button 3. User fill in the email entry with an invalid email format Email address: amninara.com

	4. User click on "submit" button to complete the edit account process
Expected Test Results	The user failed to edit the user account. System will display error pop-up message indicating the updated email is invalid
Business Rules	None

3.4.11 STD_IMS_411 – Verify error message displays when admin edit an existing account with existing email entry

Test Case ID	STD_IMS_411
Description	The goal of the test case is to verify error message will displays when admin edit the existing user account but with an email that already exist in the system
Use case to be tested	UC-400 Manage User Account List
Requirement traceability	Refer Appendix A
User	Admin
Test inputs	1. Edit new users with existing email entry using keyboard 2. Click button submit
Pre-Conditions	1. Admin logged in into the system 2. The admin must have the correct role or permissions

Test Procedure	1. Users go to "manage user" menu bar
	
	2. Users click on "Edit" button
	
	3. User fill in the email entry with an invalid email format
	
	   Email address: <existing email>
	
	4. User click on "submit" button to complete the edit account
	
	   process

Expected Test Results	The user failed to edit the user account. System will display error pop-up message indicating the updated email already exists
Business Rules	None

3.4.12 STD_IMS _412 – Verify error message displays when admin edit role of new user with the same new user role

Test Case ID	STD_IMS_412
Description	The goal of the test case is to verify error message will displays when admin edit a new user account role with the same new user role
Use case to be tested	UC-400 Manage User Account List
Requirement traceability	Refer Appendix A
User	Admin
Test inputs	1. Edit new user role with the same new user role 2. Click button submit
Pre-Conditions	1. Admin logged in into the system 2. The admin must have the correct role or permissions
Test Procedure	1. Users go to "manage user" menu bar 2. Users click on "Edit" button 3. User assign a "new user" role at the role dropdown Role: new user

	4. User click on "submit" button to complete the edit account process
Expected Test Results	The user failed to edit the user account. System will display error pop-up message indicating the user must have valid role
Business Rules	None

3.4.13 STD_IMS _413 – Verify admin successfully edits the existing user account when admin enters a password that is more than the minimum characters

Test Case ID	STD_IMS_413
Description	The goal of the test case is to verify admin successfully edit the user account when admin edit the existing user account with password that is more than the minimum character
Use case to be tested	UC-400 Manage User Account List
Requirement traceability	Refer Appendix A
User	Admin
Test inputs	1. Edit new user password 2. Click submit button
Pre-Conditions	1. Admin logged in into the system 2. The admin must have the correct role or permissions
Test Procedure	1. Users go to "manage user" menu bar 2. Users click on "Edit" button 3. User edit the password that is more than the minimum character Password: amninara2018 4. User click on "submit" button to complete the edit account process
Expected Test Results	The user successfully edits the user account. System will display success pop-up message indicating the user has been updated
Business Rules	None

3.4.14 STD_IMS_414 – Verify error message displays when admin edit password that is less than the minimum characters

Test Case ID	STD_IMS_414
Description	The goal of the test case is to verify error message will displays when admin edit an existing user account with a password that is less than the minimum character
Use case to be tested	UC-400 Manage User Account List
Requirement traceability	Refer Appendix A
User	Admin
Test inputs	1. Edit new user password 2. Click submit button
Pre-Conditions	1. Admin logged in into the system 2. The admin must have the correct role or permissions
Test Procedure	1. Users go to "manage user" menu bar 2. Users click on "Edit" button

	3. User edit the password with less than the minimum character Password: amni 4. User click on "submit" button to complete the edit account process
Expected Test Results	The user failed to edit the user account. System will display error pop-up message indicating the updated password is invalid
Business Rules	None

3.4.15 STD_IMS_415 – Verify error message displays when admin edits account with a mismatch password

Test Case ID	STD_IMS_415
Description	The goal of the test case is to verify error message will displays when admin edit an existing user account with a mismatch data in password and confirm password field
Use case to be tested	UC-400 Manage User Account List
Requirement traceability	Refer Appendix A
User	Admin
Test inputs	1. Edit new user password 2. Click submit button
Pre-Conditions	1. Admin logged in into the system 2. The admin must have the correct role or permissions
Test Procedure	1. Users go to "manage user" menu bar 2. Users click on "Edit" button 3. User insert mismatch data in password and confirm password field Password: amni2025 Confirm Password: amni2024 4. User click on "submit" button to complete the edit account process
Expected Test Results	The user failed to edit the user account. System will display error pop-up message indicating the inserted password does not match
Business Rules	None

3.4.16 STD_IMS_416 – Verify admin successfully delete the user account when admin delete an existing user account

Test Case ID	STD_IMS_416
Description	The goal of the test case is to verify admin successfully delete the existing user account in the user account list
Use case to be tested	UC-400 Manage User Account List
Requirement traceability	Refer Appendix A
User	Admin
Test inputs	1. Click delete button 2. Click submit button

Pre-Conditions	1. Admin logged in into the system
	2. The admin must have the correct role or permissions
Test Procedure	1. Users go to "manage user" menu bar
	2. Users click on "Delete" button
	3. User click on "confirm" button to complete the edit account process
Expected Test Results	The user successfully deletes the user account. System will display success pop-up message user account has been deleted
Business Rules	None

3.5 [STD_IMS_500] View Supplier List

The goal of this test is to verify that the intended supplier list can be viewed in the system to the Admin or Manager.

This test contains the following test cases:

Test Case ID	Test Case Title
STD_IMS_501	Verify the supplier list is displayed when Admin accesses the "Supplier" page.
STD_IMS_502	Verify the correct supplier(s) are displayed when Admin searches suppliers by name.
STD_IMS_503	Verify an error message to Admin is displayed when no matching supplier phone number is found.
STD_IMS_504	Verify system display the valid output based on the search value when Admin enter random number at search bar.
STD_IMS_505	Verify system display valid output if the input value is exist and display no records found if the input value does not exist when Admin enter alphanumeric address related word at search bar.
STD_IMS_506	Verify System display valid output if the input value is exist and display no records found if the input value does not exist when Admin enter all word in lowercase at search bar.
STD_IMS_507	Verify the supplier list is displayed when Manager accesses the "Supplier" page.
STD_IMS_508	Verify the correct supplier(s) are displayed when Manager searches contact name related at the search bar.
STD_IMS_509	Verify system display the valid output based on the search value when Manager enter random supplier contact number at search bar.
STD_IMS_510	Verify system display valid output if the input value is exist and display no records found if the input value does not exist when Manager enter alphanumeric word related to location at search bar.
STD_IMS_511	Verify System display valid output if the input value is exist and display no records found if the input value does not exist when Manager enter random symbol at search bar.
STD_IMS_512	Verify system display valid output if the input value is exist and display no records found if the input value does not exist when Manager enter all word in capital letter at search bar.

3.5.1 STD_IMS_501 – Verify the supplier list is displayed when Admin accesses the "Supplier" page.

Test Case ID	STD_IMS_501
Description	The goal of the test case is to verify the supplier list is displayed when Admin accesses the "Supplier" page.
Use case to be tested	UC-500 View Supplier List
Requirement traceability	Refer Appendix A
User	Admin/Manager
Test inputs	1.Click on suppliers list
Pre-Conditions	1. The actor must be logged into the system 2. The supplier details must exist in the database to be able to view available supplier in the system.
Test Procedure	1.Admin click on suppliers list that will shown Suppliers details
Expected Test Results	The system displays a table with supplier details, including names, contact information, and associated actions (edit/delete for authorized users).
Business Rules	None

3.5.2 STD_IMS_502 – Verify the correct supplier(s) are displayed when Admin searches suppliers by name.

Test Case ID	STD_IMS_502
Description	The goal of the test case is to verify the correct supplier(s) are displayed when Admin searches suppliers by name.
Use case to be tested	UC-500 View Supplier List
Requirement traceability	Refer Appendix A
User	Admin/Manager
Test inputs	1.Search suppliers by name.
Pre-Conditions	1. The actor must be logged into the system 2. The supplier details must exist in the database to be able to view available suppliers in the system.
Test Procedure	1. Admin go to Supplier page 2.Admin search for supplier by name; e.g :athirahMart
Expected Test Results	The supplier list updates to show only entries matching the search term.
Business Rules	None

3.5.3 STD_IMS_503 – Verify an error message to Admin is displayed when no matching supplier phone number is found.

Test Case ID	STD_IMS_503
Description	The goal of the test case is to verify an error message to Admin is displayed when no matching supplier phone number is found.
Use case to be tested	UC-500 View Supplier List
Requirement traceability	Refer Appendix A
User	Admin/Manager
Test inputs	1.Search suppliers information by phone number.
Pre-Conditions	1. The actor must be logged into the system 2. The supplier details must exist in the database to be able to view available suppliers in the system.
Test Procedure	1. Admin go to Supplier page 2.Admin search for supplier by phone number; e.g :019654321 to see if there is any result come out
Expected Test Results	The system displays an error message, e.g., "No records found."
Business Rules	None

3.5.4 STD_IMS_504 – Verify system display valid output if the input value is exist and display no records found if the input value does not exist when Admin enter random word at search bar.

Test Case ID	STD_IMS_504
Description	The goal of the test case is to verify system display valid output if the input value is exist and display no records found if the input value does not exist when Admin enter random word at search bar.
Use case to be tested	UC-500 View Supplier List
Requirement traceability	Refer Appendix A
User	Admin/Manager
Test inputs	1.Enter random word.
Pre-Conditions	1. The actor must be logged into the system 2. The supplier details must exist in the database to be able to view available suppliers in the system.
Test Procedure	1. Admin go to Supplier page 2.Admin search random number; e.g : 'yAyA Sarah' to see if there is any result come out
Expected Test Results	System display valid output if the input value is exist and display no records found if the input value does not exist

Business Rules	None

3.5.5 STD_IMS_505 – Verify system display valid output if the input value is exist and display no records found if the input value does not exist when Admin enter alphanumeric address related word at search bar.

Test Case ID	STD_IMS_505
Description	The goal of the test case is to verify system display valid output if the input value is exist and display no records found if the input value does not exist when Admin enter alphanumeric address related word at search bar.
Use case to be tested	UC-500 View Supplier List
Requirement traceability	Refer Appendix A
User	Admin/Manager
Test inputs	1.Enter alphanumeric address related word.
Pre-Conditions	1. The actor must be logged into the system 2. The supplier details must exist in the database to be able to view available suppliers in the system.
Test Procedure	1. Admin go to Supplier page 2.Admin search alphanumeric address related word; e.g : 'Seksyen 13' to see if there is any result come out
Expected Test Results	System display valid output if the input value is exist and display no records found if the input value does not exist
Business Rules	None

3.5.6 STD_IMS_506 – Verify System display valid output if the input value is exist and display no records found if the input value does not exist when Admin enter all word in lowercase at search bar.

Test Case ID	STD_IMS_506
Description	Verify System display valid output if the input value is exist and display no records found if the input value does not exist when Admin enter all word in lowercase at search bar.
Use case to be tested	UC-500 View Supplier List
Requirement traceability	Refer Appendix A
User	Admin/Manager
Test inputs	1.Enter all word in lowercase.
Pre-Conditions	1. The actor must be logged into the system 2. The supplier details must exist in the database to be able to view available suppliers in the system.

Test Procedure	1. Admin go to Supplier page
	2.Admin all word in lowercase; e.g : 'seksyen 13' to see if there is any result come out
Expected Test Results	System display valid output if the input value is exist and display no records found if the input value does not exist
Business Rules	None

3.5.7 STD_IMS_507 – Verify the supplier list is displayed when Manager accesses the "Supplier" page.

Test Case ID	STD_IMS_507
Description	The goal of the test case is to verify the supplier list is displayed when Manager accesses the "Supplier" page.
Use case to be tested	UC-500 View Supplier List
Requirement traceability	Refer Appendix A
User	Admin/Manager
Test inputs	1.Click on suppliers list
Pre-Conditions	1. The actor must be logged into the system 2. The supplier details must exist in the database to be able to view available supplier in the system.
Test Procedure	1.Manager click on suppliers list that will shown Suppliers details
Expected Test Results	The system displays a table with supplier details, including names, contact information, and associated actions (edit/delete for authorized users).
Business Rules	None

3.5.8 STD_IMS_508 – Verify the correct supplier(s) are displayed when Manager searches contact name related at the search bar.

Test Case ID	TEST_SYS_508
Description	The goal of the test case is to verify the correct supplier(s) are displayed when Manager searches contact name related at the search bar.
Use case to be tested	UC-500 View Supplier List
Requirement traceability	Refer Appendix A
User	Admin/Manager
Test inputs	1.Search suppliers related by contact name.

Pre-Conditions	1. The actor must be logged into the system 2. The supplier details must exist in the database to be able to view available suppliers in the system.
Test Procedure	1. Manager go to Supplier page 2.Manager search for supplier by name; e.g :athirahMart
Expected Test Results	The supplier list updates to show only entries matching the search term.
Business Rules	None

3.5.9   STD_IMS_509 – Verify system display the valid output based on the search value when Manager enter random supplier contact number at search bar.

Test Case ID	STD_IMS_509
Description	The goal of the test case is to erify system display the valid output based on the search value when Manager enter random supplier contact number at search bar.
Use case to be tested	UC-500 View Supplier List
Requirement traceability	Refer Appendix A
User	Admin/Manager
Test inputs	1.Search suppliers information by the contact phone number.
Pre-Conditions	1. The actor must be logged into the system 2. The supplier details must exist in the database to be able to view available suppliers in the system.
Test Procedure	1. Manager go to Supplier page 2.Manager search for supplier by phone number; e.g :019654321
Expected Test Results	System display the valid output based on the search value
Business Rules	None

3.5.10 STD_IMS_510 – Verify system display valid output if the input value is exist and display no records found if the input value does not exist when Manager enter alphanumeric word related to location at search bar.

Test Case ID	STD_IMS_510
Description	The goal of the test case is to verify system display valid output if the input value is exist and display no records found if the input value does not exist when Manager enter alphanumeric word related to location at search bar.
Use case to be tested	UC_500 View Supplier List
Requirement traceability	Refer Appendix A
User	Admin/Manager

Test inputs	1.Enter alphanumeric word related to location.
Pre-Conditions	1. The actor must be logged into the system 2. The supplier details must exist in the database to be able to view available suppliers in the system.
Test Procedure	1. Manager go to Supplier page 2. Manager enter alphanumeric word related to location; e.g : 'Seksyen 5' to see if there is any result come out
Expected Test Results	System display valid output if the input value is exist and display no records found if the input value does not exist
Business Rules	None

3.5.11 STD_IMS_511 – Verify system display valid output if the input value is exist and display no records found if the input value does not exist when Manager enter random symbol at search bar.

Test Case ID	STD_IMS_511
Description	The goal of the test case is to verify system display valid output if the input value is exist and display no records found if the input value does not exist when Manager enter random symbol at search bar.
Use case to be tested	UC_500 View Supplier List
Requirement traceability	Refer Appendix A
User	Admin/Manager
Test inputs	1.Enter random symbol.
Pre-Conditions	1. The actor must be logged into the system 2. The supplier details must exist in the database to be able to view available suppliers in the system.
Test Procedure	1. Manager go to Supplier page 2.Manager enter random symbol to see if there is any result come out
Expected Test Results	System display valid output if the input value is exist and display no records found if the input value does not exist
Business Rules	None

3.5.12 STD_IMS_512 – Verify system display valid output if the input value is exist and display no records found if the input value does not exist when Manager enter all word in capital letter at search bar.

Test Case ID	STD_IMS_512
Description	The goal of the test case is to verify system display valid output if the input value is exist and display no records found if the input value

	does not exist when Manager enter all word in capital letter at search bar.
Use case to be tested	UC_500 View Supplier List
Requirement traceability	Refer Appendix A
User	Admin/Manager
Test inputs	1.Enter all word in capital letter.
Pre-Conditions	1. The actor must be logged into the system 2. The supplier details must exist in the database to be able to view available suppliers in the system.
Test Procedure	1. Manager go to Supplier page 2.Manager all word in lowercase; e.g : 'AMMAR DAIM' to see if there is any result come out
Expected Test Results	System display valid output if the input value is exist and display no records found if the input value does not exist
Business Rules	None

3.6   [STD_IMS_600] Manage Supplier List

The goal of this test is to verify that the intended supplier list can be managed in the system to the Admin or Manager.

This test contains the following test cases:

Test Case ID	Test Case Title
STD_IMS_601	Verify a new supplier is added when all mandatory fields are filled in correctly by Admin.
STD_IMS_602	Verify the system prevents Admin from adding a supplier when mandatory fields are left empty.
STD_IMS_603	Verify the system prevents Admin from adding a supplier when supplier phone number section are being input with alphabet.
STD_IMS_604	Verify the system prevents Admin from adding a supplier when contact phone number section are being input with alphabet.
STD_IMS_605	Verify the system prevents Admin from adding a supplier when there is no @ on email section.
STD_IMS_606	Verify supplier details are updated successfully when valid changes are made by Admin.
STD_IMS_607	Verify the system prevents Admin from editing a supplier when mandatory fields are left empty.
STD_IMS_608	Verify the system prevents Admin from editing a supplier when supplier phone number section are being input with alphabet and number.
STD_IMS_609	Verify the system prevents Admin from editing a supplier when contact phone number section are being input with alphabet and number.
STD_IMS_610	Verify the system prevents Admin from editing a supplier when there is invalid email format on email section.
STD_IMS_611	Verify supplier details are updated successfully when valid changes are made by Admin.
STD_IMS_612	Verify a new supplier is added when all mandatory fields are filled in correctly by the Manager.
STD_IMS_613	Verify the system prevents Manager from adding a supplier when mandatory fields are left empty.
STD_IMS_614	Verify the system prevents Manager from adding a supplier when supplier phone number section are being input with alphabet.
STD_IMS_615	Verify the system prevents Manager from adding a supplier when contact phone number section are being input with alphabet.

STD_IMS_616	Verify the system prevents Manager from adding a supplier when there is no @ on email section.
STD_IMS_617	Verify supplier details are updated successfully when valid changes are made by Manager.
STD_IMS_618	Verify the system prevents Manager from editing a supplier when mandatory fields are left empty.
STD_IMS_619	Verify the system prevents Manager from editing a supplier when supplier phone number section are being input with alphabet and number.
STD_IMS_620	Verify the system prevents Manager from editing a supplier when contact phone number section are being input with alphabet and number.
STD_IMS_621	Verify the system prevents Manager from editing a supplier when there is invalid email format on email section.
STD_IMS_622	Verify supplier details are updated successfully when valid changes are made by Manager.

3.6.1 STD_IMS _601 – Verify a new supplier is added when all mandatory fields are filled in correctly by Admin.

Test Case ID	STD_IMS _601
Description	The goal of the test case is to verify a new supplier is added when all mandatory fields are filled in correctly by Admin.
Use case to be tested	UC-600 Manage Supplier List
Requirement traceability	Refer Appendix A
User	Admin/Manager
Test inputs	1. Enter Supplier Name using keyboard 2. Enter Contact Name using keyboard 3. Enter Location using keyboard 4. Enter Email using keyboard 5. Enter Supplier Phone Number using keyboard 6. Enter Contact Phone Number using keyboard 7. Enter Address using keyboard 8. Choose User as Supplier drop-down menu using the mouse 9. Click Submit button
Pre-Conditions	1. Admin must be logged into the system. 2. Admin must have performed the UC-500 View Supplier List

Test Procedure	1. Admin go to Supplier page
	2. Admin tap on Add Supplier button
	3. Admin fill in required information with new information:
	    - Supplier Name: DaimBaazar
	    - Contact Name: Ammar Daim

	- Location: Kompleks BBST - Email: DaimBaazar@gmail.com - Supplier Phone Number: 0911020511 - Contact Phone Number: 0197381152 - Address: No 3, Jalan 5, Kompleks BBST, Sepang, Selangor - User as Supplier: Supplier 4. Admin click submit button
Expected Test Results	The system saves the new supplier, updates the list, and displays a success message.
Business Rules	On add and edit supplier, for user as supplier input, if no selection was made from the drop-down it will be set to no user as a supplier.

3.6.2 STD_IMS _602 – Verify the system prevents Admin from adding a supplier when mandatory fields are left empty.

Test Case ID	STD_IMS _602
Description	The goal of the test case is to verify the system prevents Admin from adding a supplier when mandatory fields are left empty.
Use case to be tested	UC-600 Manage Supplier List
Requirement traceability	Refer Appendix A
User	Admin/Manager
Test inputs	1. Click Submit button without fill-in any information on the required spaces
Pre-Conditions	1. Admin must be logged into the system. 2. Admin must have performed the UC-500 View Supplier List
Test Procedure	1. Admin go to Supplier page 2. Admin tap on Add Supplier button 3. Admin click Submit button without fill-in any information on the required spaces
Expected Test Results	The system displays an error message, e.g., "Please complete all required fields."
Business Rules	On add and edit supplier, for user as supplier input, if no selection was made from the drop-down it will be set to no user as a supplier.

3.6.3 STD_IMS _603 – Verify the system prevents Admin from adding a supplier when supplier phone number section are being input with alphabet.

Test Case ID	STD_IMS _603
Description	The goal of the test case is to verify the system prevents Admin from adding a supplier when supplier phone number section are being input with alphabet.
Use case to be tested	UC-600 Manage Supplier List
Requirement traceability	Refer Appendix A
User	Admin/Manager
Test inputs	1. Enter Supplier Name using keyboard 2. Enter Contact Name using keyboard 3. Enter Location using keyboard 4. Enter Email using keyboard 5. Enter Supplier Phone Number using keyboard 6. Enter Contact Phone Number using keyboard 7. Enter Address using keyboard 8. Choose User as Supplier drop-down menu using the mouse 9. Click Submit button
Pre-Conditions	1. Admin must be logged into the system. 2. Admin must have performed the UC-500 View Supplier List
Test Procedure	1. Admin go to Supplier page 2. Admin tap on Add Supplier button 3. Admin fill in required information with new information: - Supplier Name: DaimBaazar - Contact Name: Ammar Daim - Location: Kompleks BBST - Email: DaimBaazar@gmail.com - Supplier Phone Number: ammardaim - Contact Phone Number: 0197381152 - Address: No 3, Jalan 5, Kompleks BBST, Sepang, Selangor - User as Supplier: Supplier 4. Admin click submit button
Expected Test Results	The system displays an error message, e.g., "Please put correct phone number."
Business Rules	On add and edit supplier, for user as supplier input, if no selection was made from the drop-down it will be set to no user as a supplier.

3.6.4 STD_IMS _604 – Verify the system prevents Admin from adding a supplier when contact phone number section are being input with alphabet.

Test Case ID	STD_IMS _604

Description	The goal of the test case is to verify the system prevents Admin from adding a supplier when contact phone number section are being input with alphabet.
Use case to be tested	UC-600 Manage Supplier List
Requirement traceability	Refer Appendix A
User	Admin/Manager
Test inputs	1. Enter Supplier Name using keyboard 2. Enter Contact Name using keyboard 3. Enter Location using keyboard 4. Enter Email using keyboard 5. Enter Supplier Phone Number using keyboard 6. Enter Contact Phone Number using keyboard 7. Enter Address using keyboard 8. Choose User as Supplier drop-down menu using the mouse 9. Click Submit button
Pre-Conditions	1. Admin must be logged into the system. 2. Admin must have performed the UC-500 View Supplier List
Test Procedure	1. Admin go to Supplier page 2. Admin tap on Add Supplier button 3. Admin fill in required information with new information: - Supplier Name: DaimBaazar - Contact Name: Ammar Daim - Location: Kompleks BBST - Email: DaimBaazar@gmail.com - Supplier Phone Number: 0911020511 - Contact Phone Number: yayasarah - Address: No 3, Jalan 5, Kompleks BBST, Sepang, Selangor - User as Supplier: Supplier 4. Admin click submit button
Expected Test Results	The system displays an error message, e.g., "Please put correct phone number."
Business Rules	On add and edit supplier, for user as supplier input, if no selection was made from the drop-down it will be set to no user as a supplier.

3.6.5   STD_IMS _605 – Verify the system prevents Admin from adding a supplier when there is no @ on email section.

Test Case ID	STD_IMS _605
Description	The goal of the test case is to verify the system prevents Admin from adding a supplier when there is no @ on email section.
Use case to be tested	UC-600 Manage Supplier List

Requirement traceability	Refer Appendix A
User	Admin/Manager
Test inputs	1. Enter Supplier Name using keyboard 2. Enter Contact Name using keyboard 3. Enter Location using keyboard 4. Enter Email using keyboard 5. Enter Supplier Phone Number using keyboard 6. Enter Contact Phone Number using keyboard 7. Enter Address using keyboard 8. Choose User as Supplier drop-down menu using the mouse 9. Click Submit button
Pre-Conditions	1. Admin must be logged into the system. 2. Admin must have performed the UC-500 View Supplier List
Test Procedure	1. Admin go to Supplier page 2. Admin tap on Add Supplier button 3. Admin fill in required information with new information: - Supplier Name: DaimBaazar - Contact Name: Ammar Daim - Location: Kompleks BBST - Email: DaimBaazar.com - Supplier Phone Number: 0911020511 - Contact Phone Number: 0197381152 - Address: No 3, Jalan 5, Kompleks BBST, Sepang, Selangor - User as Supplier: Supplier 4. Admin click submit button
Expected Test Results	The system displays an error message, e.g., "Please put correct email format."
Business Rules	On add and edit supplier, for user as supplier input, if no selection was made from the drop-down it will be set to no user as a supplier.

3.6.6   STD_IMS _606 – Verify supplier details are updated successfully when valid changes are made.

Test Case ID	STD_IMS _606
Description	The goal of the test case is to verify supplier details are updated successfully when valid changes are made.
Use case to be tested	UC-600 Manage Supplier List
Requirement traceability	Refer Appendix A
User	Admin/Manager
Test inputs	1. Edit Supplier Name using keyboard 2. Edit Contact Name using keyboard

	3. Edit Location using keyboard 4. Edit Email using keyboard 5. Edit Supplier Phone Number using keyboard 6. Edit Contact Phone Number using keyboard 7. Edit Address using keyboard 8. Edit and choose new User as Supplier drop-down menu using the mouse 9. Click Submit button
Pre-Conditions	1. Admin must be logged into the system. 2. Admin must have performed the UC-500 View Supplier List
Test Procedure	1. Admin go to Supplier page 2. Admin tap on Edit Supplier button 3. From current information, Admin fill in required information with new information: i) current information: - Supplier Name: DaimBaazar - Contact Name: Ammar Daim - Location: Kompleks BBST - Email: DaimBaazar@gmail.com - Supplier Phone Number: 0911020511 - Contact Phone Number: 0197381152 - Address: No 3, Jalan 5, Kompleks BBST, Sepang, Selangor - User as Supplier: Supplier ii) new information: - Supplier Name: AdamMarket - Contact Name: Adam Danish - Location: Salak Business Park - Email: AdamMarket@gmail.com - Supplier Phone Number: 0208062006 - Contact Phone Number: 0198765432 - Address: No 4, Jalan 8, Salak Business Park, Kuala Langat, Selangor - User as Supplier: Supplier 4. Admin click submit button
Expected Test Results	The supplier details are updated in the database, and a success message is shown.
Business Rules	On add and edit supplier, for user as supplier input, if no selection was made from the drop-down it will be set to no user as a supplier.

3.6.7   STD_IMS _607 – Verify the system prevents Admin from editing a supplier when mandatory fields are left empty.

Test Case ID	STD_IMS _607
Description	The goal of the test case is to verify the system prevents Admin from editing a supplier when mandatory fields are left empty.
Use case to be tested	UC-600 Manage Supplier List
Requirement traceability	Refer Appendix A
User	Admin/Manager
Test inputs	1. Click Submit button after deleting all information from each space without fill-in any information on the required spaces
Pre-Conditions	1. Admin must be logged into the system. 2. Admin must have performed the UC-500 View Supplier List
Test Procedure	1. Admin go to Supplier page 2. Admin tap on Edit Supplier button 3. Admin deleting all information from each spaces 4. Admin click Submit button without fill-in any information on the required spaces
Expected Test Results	The system displays an error message, e.g., "Please complete all required fields."
Business Rules	On add and edit supplier, for user as supplier input, if no selection was made from the drop-down it will be set to no user as a supplier.

3.6.8   STD_IMS _608 – Verify the system prevents Admin from editing a supplier when supplier phone number section are being input with alphabet and number.

Test Case ID	STD_IMS _608
Description	The goal of the test case is to verify the system prevents Admin from editing a supplier when supplier phone number section are being input with alphabet and number.
Use case to be tested	UC-600 Manage Supplier List
Requirement traceability	Refer Appendix A
User	Admin/Manager
Test inputs	1. Edit Supplier Phone Number using keyboard 2. Click Submit button
Pre-Conditions	1. Admin must be logged into the system. 2. Admin must have performed the UC-500 View Supplier List
Test Procedure	1. Admin go to Supplier page

	2. Admin tap on Edit Supplier button
	3. From current Supplier Phone Number, Admin fill in new
	Supplier Phone Number with alphabet and number:
	i) current Supplier Phone Number:
	- Supplier Phone Number: 0208062006
	ii) new Supplier Phone Number:
	- Supplier Phone Number: ammar0911
	4. Admin click submit button
Expected Test Results	The system displays an error message, e.g., "Please put correct phone number."
Business Rules	On add and edit supplier, for user as supplier input, if no selection was made from the drop-down it will be set to no user as a supplier.

3.6.9   STD_IMS _609 – Verify the system prevents Admin from editing a supplier when contact phone number section are being input with alphabet and number.

Test Case ID	STD_IMS _609
Description	The goal of the test case is to verify the system prevents Admin from editing a supplier when contact phone number section are being input with alphabet and number.
Use case to be tested	UC-600 Manage Supplier List
Requirement traceability	Refer Appendix A
User	Admin/Manager
Test inputs	1. Edit Contact Phone Number using keyboard 2. Click Submit button
Pre-Conditions	1. Admin must be logged into the system. 2. Admin must have performed the UC-500 View Supplier List
Test Procedure	1. Admin go to Supplier page 2. Admin tap on Edit Supplier button 3. From current Contact Phone Number, Admin fill in new Contact Phone Number with alphabet and number: i) current Contact Phone Number: - Contact Phone Number: 0198765432 ii) new Contact Phone Number: - Contact Phone Number: yaya1152 4. Admin click submit button
Expected Test Results	The system displays an error message, e.g., "Please put correct phone number."
Business Rules	On add and edit supplier, for user as supplier input, if no selection was made from the drop-down it will be set to no

	user as a supplier.

3.6.10 STD_IMS _610 – Verify the system prevents Admin from editing a supplier when there is invalid email format on email section.

Test Case ID	STD_IMS _610
Description	The goal of the test case is to erify the system prevents Admin from editing a supplier when there is invalid email format on email section.
Use case to be tested	UC-600 Manage Supplier List
Requirement traceability	Refer Appendix A
User	Admin/Manager
Test inputs	1. Edit Email using keyboard 2. Click Submit button
Pre-Conditions	1. Admin must be logged into the system. 2. Admin must have performed the UC-500 View Supplier List
Test Procedure	1. Admin go to Supplier page 2. Admin tap on Edit Supplier button 3. From current Email, Admin fill in new Email with invalid email format: i) current Email: - Email: AdamMarket@gmail.com ii) new Email: - Email: AdamMarketgmailcom 4. Admin click submit button
Expected Test Results	The system displays an error message, e.g., "Please put correct email format."
Business Rules	On add and edit supplier, for user as supplier input, if no selection was made from the drop-down it will be set to no user as a supplier.

3.6.11 STD_IMS _611 – Verify supplier details are deleted successfully made by Admin.

Test Case ID	STD_IMS _611
Description	The goal of the test case is to verify supplier details are deleted successfully made by Admin.
Use case to be tested	UC-600 Manage Supplier List
Requirement traceability	Refer Appendix A

User	Admin/Manager
Test inputs	1. Click Delete button 2. Click Submit button
Pre-Conditions	1. Admin must be logged into the system. 2. Admin must have performed the UC-500 View Supplier List
Test Procedure	1. Admin go to Supplier page 2. Admin tap on Delete button 4. Admin click on Confirm button to delete the supplier details
Expected Test Results	The supplier is removed from the list and a success message is displayed.
Business Rules	On add and edit supplier, for user as supplier input, if no selection was made from the drop-down it will be set to no user as a supplier.

3.6.12 STD_IMS _612 – Verify a new supplier is added when all mandatory fields are filled in correctly by Manager.

Test Case ID	STD_IMS _612
Description	The goal of the test case is to verify a new supplier is added when all mandatory fields are filled in correctly by Manager.
Use case to be tested	UC-600 Manage Supplier List
Requirement traceability	Refer Appendix A
User	Admin/Manager
Test inputs	1. Enter Supplier Name using keyboard 2. Enter Contact Name using keyboard 3. Enter Location using keyboard 4. Enter Email using keyboard 5. Enter Supplier Phone Number using keyboard 6. Enter Contact Phone Number using keyboard 7. Enter Address using keyboard 8. Choose User as Supplier drop-down menu using the mouse 9. Click Submit button
Pre-Conditions	1. Manager must be logged into the system. 2. Manager must have performed the UC-500 View Supplier List

Test Procedure	1. Manager go to Supplier page
	
	2. Manager tap on Add Supplier button
	
	3. Manager fill in required information with new information:
	   - Supplier Name: IzzahMart
	   - Contact Name: Izzah Rina
	   - Location: Seksyen 13
	   - Email: IzzahMart@gmail.com

	- Supplier Phone Number: 0876534210 - Contact Phone Number: 01922345679 - Address: No 23, Jalan 67, Seksyen 13, Putrajaya - User as Supplier: Supplier 4. Manager click submit button
Expected Test Results	The system saves the new supplier, updates the list, and displays a success message.
Business Rules	On add and edit supplier, for user as supplier input, if no selection was made from the drop-down it will be set to no user as a supplier.

3.6.13 STD_IMS _613 – Verify the system prevents Manager from adding a supplier when mandatory fields are left empty.

Test Case ID	STD_IMS _613
Description	The goal of the test case is to verify the system prevents Manager from adding a supplier when mandatory fields are left empty.
Use case to be tested	UC-600 Manage Supplier List
Requirement traceability	Refer Appendix A
User	Admin/Manager
Test inputs	1. Click Submit button without fill-in any information on the required spaces
Pre-Conditions	1. Manager must be logged into the system. 2. Manager must have performed the UC-500 View Supplier List
Test Procedure	1. Manager go to Supplier page 2. Manager tap on Add Supplier button 3. Manager click Submit button without fill-in any information on the required spaces
Expected Test Results	The system displays an error message, e.g., "Please complete all required fields."
Business Rules	On add and edit supplier, for user as supplier input, if no selection was made from the drop-down it will be set to no user as a supplier.

3.6.14 STD_IMS _614 – Verify the system prevents Manager from adding a supplier when supplier phone number section are being input with symbols.

Test Case ID	STD_IMS _614

Description	The goal of the test case is to verify the system prevents Admin from adding a supplier when supplier phone number section are being input with symbols.
Use case to be tested	UC-600 Manage Supplier List
Requirement traceability	Refer Appendix A
User	Admin/Manager
Test inputs	1. Enter Supplier Name using keyboard 2. Enter Contact Name using keyboard 3. Enter Location using keyboard 4. Enter Email using keyboard 5. Enter Supplier Phone Number using keyboard 6. Enter Contact Phone Number using keyboard 7. Enter Address using keyboard 8. Choose User as Supplier drop-down menu using the mouse 9. Click Submit button
Pre-Conditions	1. Manager must be logged into the system. 2. Manager must have performed the UC-500 View Supplier List

Test Procedure	1. Manager go to Supplier page
	
	2. Manager tap on Add Supplier button
	
	3. Manager fill in required information with new information:
	
	    - Supplier Name: IzzahMart
	
	    - Contact Name: Izzah Rina
	
	    - Location: Seksyen 13
	
	    - Email: IzzahMart@gmail.com
	
	    - Supplier Phone Number: @!#$%^&*()_
	
	    - Contact Phone Number: 01922345679
	
	    - Address: No 23, Jalan 67, Seksyen 13, Putrajaya
	
	    - User as Supplier: Supplier
	4. Manager click submit button

Expected Test Results	The system displays an error message, e.g., "Please put correct phone number."
Business Rules	On add and edit supplier, for user as supplier input, if no selection was made from the drop-down it will be set to no user as a supplier.

3.6.15 STD_IMS _615 – Verify the system prevents Manager from adding a supplier when contact phone number section are being input with symbols.

Test Case ID	STD_IMS _615
Description	The goal of the test case is to verify the system prevents Manager from adding a supplier when contact phone number section are being input with symbols.

Use case to be tested	UC-600 Manage Supplier List
Requirement traceability	Refer Appendix A
User	Admin/Manager
Test inputs	1. Enter Supplier Name using keyboard 2. Enter Contact Name using keyboard 3. Enter Location using keyboard 4. Enter Email using keyboard 5. Enter Supplier Phone Number using keyboard 6. Enter Contact Phone Number using keyboard 7. Enter Address using keyboard 8. Choose User as Supplier drop-down menu using the mouse 9. Click Submit button
Pre-Conditions	1. Manager must be logged into the system. 2. Manager must have performed the UC-500 View Supplier List
Test Procedure	1. Manager go to Supplier page 2. Manager tap on Add Supplier button 3. Manager fill in required information with new information: - Supplier Name: IzzahMart - Contact Name: Izzah Rina - Location: Seksyen 13 - Email: IzzahMart@gmail.com - Supplier Phone Number: 0876534210 - Contact Phone Number: ;:'"<?/[\= - Address: No 23, Jalan 67, Seksyen 13, Putrajaya - User as Supplier: Supplier 4. Manager click submit button
Expected Test Results	The system displays an error message, e.g., "Please put correct phone number."
Business Rules	On add and edit supplier, for user as supplier input, if no selection was made from the drop-down it will be set to no user as a supplier.

3.6.16 STD_IMS _616 – Verify the system prevents Manager from adding a supplier when there is no @ on email section.

Test Case ID	STD_IMS _616
Description	The goal of the test case is to verify the system prevents Manager from adding a supplier when there is no @ on email section.
Use case to be tested	UC-600 Manage Supplier List
Requirement traceability	Refer Appendix A
User	Admin/Manager
Test inputs	1. Enter Supplier Name using keyboard

	2. Enter Contact Name using keyboard 3. Enter Location using keyboard 4. Enter Email using keyboard 5. Enter Supplier Phone Number using keyboard 6. Enter Contact Phone Number using keyboard 7. Enter Address using keyboard 8. Choose User as Supplier drop-down menu using the mouse 9. Click Submit button
Pre-Conditions	1. Manager must be logged into the system. 2. Manager must have performed the UC-500 View Supplier List

Test Procedure	1. Manager go to Supplier page
	
	2. Manager tap on Add Supplier button
	
	3. Manager fill in required information with new information:
	    - Supplier Name: IzzahMart
	    - Contact Name: Izzah Rina
	    - Location: Seksyen 13
	    - Email: <u>IzzahMartgmail.com</u>
	    - Supplier Phone Number: 0876534210
	    - Contact Phone Number: 01922345679
	    - Address: No 23, Jalan 67, Seksyen 13, Putrajaya
	    - User as Supplier: Supplier
	4. Manager click submit button

Expected Test Results	The system displays an error message, e.g., "Please put correct email format."
Business Rules	On add and edit supplier, for user as supplier input, if no selection was made from the drop-down it will be set to no user as a supplier.

3.6.17 STD_IMS _617 – Verify supplier details are updated successfully when valid changes are made by Manager.

Test Case ID	STD_IMS _617
Description	The goal of the test case is to verify supplier details are updated successfully when valid changes are made by Manager.
Use case to be tested	UC-600 Manage Supplier List
Requirement traceability	Refer Appendix A
User	Admin/Manager
Test inputs	1. Edit Supplier Name using keyboard 2. Edit Contact Name using keyboard 3. Edit Location using keyboard 4. Edit Email using keyboard 5. Edit Supplier Phone Number using keyboard 6. Edit Contact Phone Number using keyboard 7. Edit Address using keyboard

	8. Edit and choose new User as Supplier drop-down menu using the mouse 9. Click Submit button
Pre-Conditions	1. Manager must be logged into the system. 2. Manager must have performed the UC-500 View Supplier List

Test Procedure	1. Manager go to Supplier page
	
	2. Manager tap on Edit Supplier button
	
	3. From current information, Manager fill in required information
	with new information:
	i) current information:
	   - Supplier Name: IzzahMart
	   - Contact Name: Izzah Rina
	   - Location: Seksyen 13
	   - Email: IzzahMart@gmail.com
	   - Supplier Phone Number: 0876534210
	   - Contact Phone Number: 01922345679
	   - Address: No 23, Jalan 67, Seksyen 13, Putrajaya
	   - User as Supplier: Supplier
	ii) new information:
	- Supplier Name: YayaMarket
	- Contact Name: Yaya Sarah
	- Location: Seksyen 5
	- Email: YayaMarket@gmail.com
	- Supplier Phone Number: 09823217774
	- Contact Phone Number: 0190229883
	- Address: No 45, Jalan 6, Seksyen 5, Putrajaya
	- User as Supplier: Supplier
	4. Manager click submit button

Expected Test Results	The supplier details are updated in the database, and a success message is shown.
Business Rules	On add and edit supplier, for user as supplier input, if no selection was made from the drop-down it will be set to no user as a supplier.

3.6.18 STD_IMS _618 – Verify the system prevents Manager from editing a supplier when mandatory fields are left empty.

Test Case ID	STD_IMS _618
Description	The goal of the test case is to verify the system prevents Manager from editing a supplier when mandatory fields are left empty.
Use case to be tested	UC-600 Manage Supplier List

Requirement traceability	Refer Appendix A
User	Admin/Manager
Test inputs	1. Click Submit button after deleting all information from each space without fill-in any information on the required spaces
Pre-Conditions	1. Manager must be logged into the system. 2. Manager must have performed the UC-500 View Supplier List
Test Procedure	1. Manager go to Supplier page 2. Manager tap on Edit Supplier button 3. Manager deleting all information from each spaces 4. Manager click Submit button without fill-in any information on the required spaces
Expected Test Results	The system displays an error message, e.g., "Please complete all required fields."
Business Rules	On add and edit supplier, for user as supplier input, if no selection was made from the drop-down it will be set to no user as a supplier.

3.6.19 STD_IMS _619 – Verify the system prevents Manager from editing a supplier when supplier phone number section are being input with alphabet and number.

Test Case ID	STD_IMS _619
Description	The goal of the test case is to verify the system prevents Manager from editing a supplier when supplier phone number section are being input with alphabet and number.
Use case to be tested	UC-600 Manage Supplier List
Requirement traceability	Refer Appendix A
User	Admin/Manager
Test inputs	1. Edit Supplier Phone Number using keyboard 2. Click Submit button
Pre-Conditions	1. Manager must be logged into the system. 2. Manager must have performed the UC-500 View Supplier List
Test Procedure	1. Manager go to Supplier page 2. Manager tap on Edit Supplier button 3. From current Supplier Phone Number, Manager fill in new Supplier Phone Number with alphabet and number: i) current Supplier Phone Number: - Supplier Phone Number: 09823217774 ii) new Supplier Phone Number: - Supplier Phone Number: abah0982

	4. Manager click submit button
Expected Test Results	The system displays an error message, e.g., "Please put correct phone number."
Business Rules	On add and edit supplier, for user as supplier input, if no selection was made from the drop-down it will be set to no user as a supplier.

3.6.20 STD_IMS _620 – Verify the system prevents Manager from editing a supplier when contact phone number section are being input with alphabet and number.

Test Case ID	STD_IMS _620
Description	The goal of the test case is to verify the system prevents Manager from editing a supplier when contact phone number section are being input with alphabet and number.
Use case to be tested	UC-600 Manage Supplier List
Requirement traceability	Refer Appendix A
User	Admin/Manager
Test inputs	1. Edit Contact Phone Number using keyboard 2. Click Submit button
Pre-Conditions	1. Manager must be logged into the system. 2. Manager must have performed the UC-500 View Supplier List
Test Procedure	1. Manager go to Supplier page 2. Manager tap on Edit Supplier button 3. From current Contact Phone Number, Manager fill in new Contact Phone Number with alphabet and number: i) current Contact Phone Number: - Contact Phone Number: 0190229883 ii) new Contact Phone Number: - Contact Phone Number: ummi0190 4. Manager click submit button
Expected Test Results	The system displays an error message, e.g., "Please put correct phone number."
Business Rules	On add and edit supplier, for user as supplier input, if no selection was made from the drop-down it will be set to no user as a supplier.

3.6.21 STD_IMS _621 – Verify the system prevents Manager from editing a supplier when there is invalid email format on email section.

Test Case ID	STD_IMS _621
Description	The goal of the test case is to verify the system prevents Manager from editing a supplier when there is invalid email format on email section.
Use case to be tested	UC-600 Manage Supplier List
Requirement traceability	Refer Appendix A
User	Admin/Manager
Test inputs	1. Edit Email using keyboard 2. Click Submit button
Pre-Conditions	1. Manager must be logged into the system. 2. Manager must have performed the UC-500 View Supplier List
Test Procedure	1. Manager go to Supplier page 2. Manager tap on Edit Supplier button 3. From current Email, Manager fill in new Email with invalid email format: i) current Email: - Email: YayaMarket@gmail.com ii) new Email: - Email: YayaMarketgmailcom 4. Manager click submit button
Expected Test Results	The system displays an error message, e.g., "Please put correct email format."
Business Rules	On add and edit supplier, for user as supplier input, if no selection was made from the drop-down it will be set to no user as a supplier.

3.6.22 STD_IMS _622 – Verify supplier details are deleted successfully made by Manager.

Test Case ID	STD_IMS _622
Description	The goal of the test case is to verify supplier details are deleted successfully made by Admin.
Use case to be tested	UC-600 Manage Supplier List
Requirement traceability	Refer Appendix A
User	Admin/Manager
Test inputs	1. Click Delete button 2. Click Submit button

Pre-Conditions	1. Manager must be logged into the system. 2. Manager must have performed the UC-500 View Supplier List
Test Procedure	1. Manager go to Supplier page 2. Manager tap on Delete button 4. Manager click on Confirm button to delete the supplier details
Expected Test Results	The supplier is removed from the list and a success message is displayed.
Business Rules	On add and edit supplier, for user as supplier input, if no selection was made from the drop-down it will be set to no user as a supplier.

3.7   [STD_IMS_700] View Inventory List

The goal of this test is to verify that the intended user can view the inventory list in the system.

This test contains the following test cases:

Test Case ID	Test Case Title
STD_IMS_701	Verify system display the valid output based on the search value when user enter random number at search bar
STD_IMS_702	Verify System display valid output if the input value is exist and display no records found if the input value does not exist when the user enter random word at search bar
STD_IMS_703	Verify System display valid output if the input value is exist and display no records found if the input value does not exist when the user enter alphanumeric word at search bar
STD_IMS_704	Verify System display valid output if the input value is exist and display no records found if the input value does not exist when the user enter all word in lowercase at search bar
STD_IMS_705	Verify System display valid output if the input value is exist and display no records found if the input value does not exist when the user enter all word in capital letter at search bar
STD_IMS_706	Verify System display valid output if the input value is exist and display no records found if the input value does not exist when the user enter capitalisation at search bar
STD_IMS_707	Verify System display valid output of the new item when admin create a new item
STD_IMS_708	Verify System delete selected item from the table when admin or manager delete the item from the table
STD_IMS_709	Verify System display updated valid output of the item when admin or manager edit an item's information

| STD_IMS_710 | Verify System will only display the logged in supplier's item only when supplier log into the system and open item inventory |
| STD_IMS_711 | Verify System display output in descending order when one of the table header has been clicked |

3.7.1 STD_IMS _701 – Verify system display the valid output based on the search value when admin enter random number at search bar

Test Case ID	STD_IMS_701
Description	The goal of the test case is to verify that the details of the item that has been registered will be displayed according to the search value.
Use case to be tested	UC-700 View Inventory List
Requirement traceability	Refer Appendix A
User	Admin/ Manager/ Supplier
Test inputs	Enter random number using keyboard
Pre-Conditions	1. User must be logged into the system 2. The items of inventory list must have been created and saved in the database
Test Procedure	1. User click on Item Inventory option in the header 2. User insert random number at the search bar Search: 10
Expected Test Results	System will display valid output if the input value is existed and display no records found if the input value does not exist
Business Rules	None

3.7.2 STD_IMS_702 – Verify System display valid output if the input value has existed and display no records found if the input value does not exist when the admin enters random word at search bar

Test Case ID	STD_IMS_702
Description	The goal of the test case is to verify that the details of the item that has been registered will be displayed according to the search value.
Use case to be tested	UC-700 View Inventory List
Requirement traceability	Refer Appendix A
User	Admin/ Manager/ Supplier
Test inputs	Enter random word using keyboard
Pre-Conditions	1. User must be logged into the system 2. The items of inventory list must have been created and saved in the database
Test Procedure	1. User click on Item Inventory option in the header 2. User insert random word at the search bar Search: frozen
Expected Test Results	System will display valid output if the input value is existed and display no records found if the input value does not exist
Business Rules	None

3.7.3 STD_IMS_703 – Verify System display valid output if the input value has existed and display no records found if the input value does not exist when the admin enters alphanumeric word at search bar

Test Case ID	STD_IMS_703
Description	The goal of the test case is to verify that the details of the item that has been registered will be displayed according to the search value.
Use case to be tested	UC-700 View Inventory List
Requirement traceability	Refer Appendix A
User	Admin/ Manager/ Supplier
Test inputs	Enter alphanumeric word using keyboard
Pre-Conditions	User must be logged into the system The items of inventory list must have been created and saved in the database
Test Procedure	1. Admin click on Item Inventory option in the header 2. Admin insert alphanumeric word at the search bar Search: frozen2
Expected Test Results	System will display valid output if the input value is existed and display no records found if the input value does not exist
Business Rules	None

3.7.4 STD_IMS_704 – Verify System display valid output if the input value has existed and display no records found if the input value does not exist when the admin enters all word in lowercase at search bar

Test Case ID	STD_IMS_704
Description	The goal of the test case is to verify that the details of the item that has been registered will be displayed according to the search value.
Use case to be tested	UC-700 View Inventory List
Requirement traceability	Refer Appendix A
User	Admin/ Manager/ Supplier
Test inputs	Enter all word in lowercase using keyboard
Pre-Conditions	1. User must be logged into the system 2. The items of inventory list must have been created and saved in the database
Test Procedure	1. Admin click on Item Inventory option in the header 2. Admin insert all word in lowercase at the search bar Search: frozen
Expected Test Results	System will display valid output if the input value is existed and display no records found if the input value does not exist
Business Rules	None

3.7.5 STD_IMS_705 – Verify System display valid output if the input value has existed and display no records found if the input value does not exist when the admin enters all word in capital letter at search bar

Test Case ID	STD_IMS_705
Description	The goal of the test case is to verify that the details of the item that has been registered will be displayed according to the search value.
Use case to be tested	UC-700 View Inventory List
Requirement traceability	Refer Appendix A
User	Admin/ Manager/ Supplier
Test inputs	Enter all word in capital letter using keyboard
Pre-Conditions	1. User must be logged into the system 2. The items of inventory list must have been created and saved in the database
Test Procedure	1. Admin click on Item Inventory option in the header 2. Admin insert all word capital letter at the search bar Search: FROZEN
Expected Test Results	System will display valid output if the input value is existed and display no records found if the input value does not exist
Business Rules	None

3.7.6 STD_IMS_706 – Verify System display valid output if the input value has existed and display no records found if the input value does not exist when the admin enters capitalization word at search bar

Test Case ID	STD_IMS_706
Description	The goal of the test case is to verify that the details of the item that has been registered will be displayed according to the search value.
Use case to be tested	UC-700 View Inventory List
Requirement traceability	Refer Appendix A
User	Admin/ Manager/ Supplier
Test inputs	Enter capitalization word using keyboard
Pre-Conditions	1. User must be logged into the system 2. The items of inventory list must have been created and saved in the database
Test Procedure	1. Admin click on Item Inventory option in the header 2. Admin insert capitalization word at the search bar Search: Frozen
Expected Test Results	System will display valid output if the input value is existed and display no records found if the input value does not exist
Business Rules	None

3.7.7 STD_IMS_707 – Verify System display valid output of the item when admin or manager add item

Test Case ID	STD_IMS_707
Description	The goal of the test case is to verify that the details of the item that has been added will be displayed when admin or manager add item.
Use case to be tested	UC-700 View Inventory List
Requirement traceability	Refer Appendix A
User	Admin/ Manager
Test inputs	After add item
Pre-Conditions	User must be logged into the system The items of inventory list must have been created and saved in the database
Test Procedure	Admin or manager click on Item Inventory option in the header Admin or manager click on add item button Admin or manager fill in the information to add item Admin or manager click on submit button Admin or manager will be redirected to Item Inventory page
Expected Test Results	System will display valid output of the item when admin or manager add item
Business Rules	None

3.7.8 STD_IMS_708 – Verify System display valid output when admin or manager delete item from the table

Test Case ID	STD_IMS_708
Description	The goal of the test case is to verify that the details of the item that has been deleted will be removed from the table when admin or manager delete the item from the table.
Use case to be tested	UC-700 View Inventory List
Requirement traceability	Refer Appendix A
User	Admin/ Manager
Test inputs	After deleting an item
Pre-Conditions	User must be logged into the system The items of inventory list must have been created and saved in the database
Test Procedure	Admin or manager click on Item Inventory option in the header Admin or manager click on delete button in table column Confirmation pop-up will appear Admin or manager click on accept button Admin will be redirected to Item Inventory page
Expected Test Results	System will display valid output without the deleted item's information
Business Rules	None

3.7.9 STD_IMS_709 – Verify System display valid output of the item when admin or manager edit an item's information

Test Case ID	STD_IMS_709
Description	The goal of the test case is to verify that the details of the item that has been edited will be displayed according to the edited value when admin or managed edit the item.
Use case to be tested	UC-700 View Inventory List
Requirement traceability	Refer Appendix A
User	Admin/ Manager
Test inputs	After edit item's information
Pre-Conditions	User must be logged into the system The items of inventory list must have been created and saved in the database
Test Procedure	Admin or manager click on Item Inventory option in the header Admin or manager click on edit button in table column Admin for manager edit the item's information Admin click on submit button Admin will be redirected to Item Inventory page
Expected Test Results	System will display valid output of the item when admin or manager edit an item's information
Business Rules	None

3.7.10 STD_IMS_710 – Verify System will only display the logged in supplier's item only when supplier log into the system and open item inventory

Test Case ID	STD_IMS_707
Description	The goal of the test case is to verify that the details of the item will only display the logged in supplier's item.
Use case to be tested	UC-700 View Inventory List
Requirement traceability	Refer Appendix A
User	Supplier
Test inputs	After supplier logged into the system
Pre-Conditions	User must be logged into the system The items of inventory list must have been created and saved in the database
Test Procedure	Supplier logged into the system Supplier click on Item Inventory option in the header
Expected Test Results	System will only display the logged in supplier's item only when supplier log into the system and open item inventory
Business Rules	System will only show the logged in supplier's item

3.7.11 STD_IMS_711 – Verify System display updated valid output of the item's price when supplier edit their own item's price

Test Case ID	STD_IMS_711
Description	The goal of the test case is to verify that the price of the item that has been change will be updated when supplier edit their own item's price.
Use case to be tested	UC-700 View Inventory List
Requirement traceability	Refer Appendix A
User	Supplier
Test inputs	After edit the item's price
Pre-Conditions	User must be logged into the system The items of inventory list must have been created and saved in the database
Test Procedure	Supplier click on Item Inventory option in the header Supplier click on add item button Supplier change the item's price Supplier click on submit button Supplier will be redirected to Item Inventory page
Expected Test Results	System will display updated price of the item when supplier edit their own item's price
Business Rules	None

3.7.12 STD_IMS_712 – Verify System display valid output of the item when supplier edit their own item's price

Test Case ID	STD_IMS_712
Description	The goal of the test case is to verify that the details of the item will not change even after the supplier edit their item's price.
Use case to be tested	UC-700 View Inventory List
Requirement traceability	Refer Appendix A
User	Supplier
Test inputs	After edit the item's price
Pre-Conditions	User must be logged into the system The items of inventory list must have been created and saved in the database
Test Procedure	Supplier click on Item Inventory option in the header Supplier click on add item button Supplier change the item's price Supplier click on submit button Supplier will be redirected to Item Inventory page
Expected Test Results	System will display the updated item's price with the same item's details.
Business Rules	None

3.8   [STD_IMS _800] Manage Inventory List

The goal of this test is to verify that the intended user can manage inventory list in the system.

This test contains the following test cases:

Test Case ID	Test Case Title
STD_IMS_801	Verify system denies access and displays an error message when admin, manager or department leaders tries to create a new item inventory.
STD_IMS_802	Verify system denies access and displays an error message when a supplier tries to create a new item inventory.
STD_IMS_803	Verify system prompts for complete input when fields are left blank during item creation.
STD_IMS_804	Verify system successfully updates item inventory when valid input data is provided.
STD_IMS_805	Verify supplier can successfully update the price of items they own when valid data is entered.
STD_IMS_806	Verify system denies access and displays an error message when supplier attempts to edit non-price fields.
STD_IMS_807	Verify system successfully deletes the selected item inventory when deletion is confirmed by Admin or Manager
STD_IMS_808	Verify system denies access and displays an error message when Department Leader or Supplier attempts to delete an item inventory.
STD_IMS_809	Verify system prompts for complete input when fields are left blank during item editing.
STD_IMS_810	Verify system does not proceed with deletion when deletion confirmation is not provided.
STD_IMS_811	Verify system displays an error message when supplier enters invalid price data.

3.8.1   STD_IMS _801 – Verify system denies access and displays an error message when admin, manager or department leaders tries to create a new item inventory.

Test Case ID	STD_IMS_801
Description	The goal of this test case is to verify that the system denies access and displays an error message when an admin, manager, or department leader tries to create a new item inventory
Use case to be tested	UC-800 Manage Inventory List
Requirement traceability	Refer Appendix A
User	Admin, Manager, Department Leader
Test inputs	1. Attempt to access "Create Item" functionality in the Inventory List. 2. Enter required data for the new item: • Item Name: "Green Tea" • Category: "Beverages" • Quantity: "50" • Price: "5.00" • Description: "Freshly brewed green tea." 3. Click on "Submit" to create the new item.

Pre-Conditions	1. User must be logged into the system with one of the following roles: • Admin • Manager • Department Leader 2. The user must have attempted to access the Manage Inventory section. 3. The actor must have performed the View Inventory List (UC-700). 4. For creation of new item inventory, the supplier from Manage Supplier List (UC-600) must have been added first, then the item must be created based on the supplier registered in the system's list by choosing the supplier's name. 5. For modification and deletion of item inventory, the item inventory must have been created first into the list.
Test Procedure	1. Navigate to the Manage Inventory List menu. 2. Attempt to access the Create Item option. 3. Enter all required details for the new item • Item Name: "Green Tea" • Category: "Beverages" • Quantity: "50" • Price: "5.00" • Description: "Freshly brewed green tea." 4. Submit the form by clicking the Submit button.
Expected Test Results	The system denies access to the Create Item functionality and displays an error message: "Access Denied: You do not have permission to create new inventory items."
Business Rules	• Only Suppliers have permission to create new inventory items. • System enforces role-based access control for all inventory management actions.

3.8.2 STD_IMS_802 – Verify system denies access and displays an error message when a supplier tries to create a new item inventory.

Test Case ID	STD_IMS_802
Description	The goal is to verify that the system denies access and displays an error message when a supplier tries to create a new item inventory.
Use case to be tested	UC-800 Manage Inventory List
Requirement traceability	Refer Appendix A
User	Supplier
Test inputs	1. Attempt to access the "Create Item" functionality in the Inventory List. 2. Enter required details for the new item: • Item Name: "Oolong Tea" • Category: "Beverages" • Quantity: "30" • Price: "4.50" • Description: "Aromatic Oolong tea." 3. Click on "Submit."
Pre-Conditions	1. User must be logged into the system with the Supplier role. 2. The user must have attempted to access the Manage Inventory section.

	3. The actor must have performed the View Inventory List (UC-700). 4. For creation of new item inventory, the supplier from Manage Supplier List (UC-600) must have been added first, then the item must be created based on the supplier registered in the system's list by choosing the supplier's name. 5. The item inventory must have been created first into the list.
Test Procedure	1. Navigate to the Manage Inventory List menu. 2. Attempt to access the Create Item option. 3. Enter all required details. • Item Name: "Oolong Tea" • Category: "Beverages" • Quantity: "30" • Price: "4.50" • Description: "Aromatic Oolong tea." Click on "Submit." 4. Submit the form by clicking Submit.
Expected Test Results	The system denies access and displays the error message: "Access Denied: Suppliers cannot create new inventory items."
Business Rules	Only Admins or Managers can create inventory items if enabled.

3.8.3 STD_IMS_803 – Verify system prompts for complete input when fields are left blank during item creation.

Test Case ID	STD_IMS_803
Description	The goal is to verify that the system prompts for complete input when fields are left blank during item creation.
Use case to be tested	UC-800 Manage Inventory List
Requirement traceability	Refer Appendix A
User	Admin, Manager, Supplier
Test inputs	1. Access the "Create Item" functionality in the Inventory List. 2. Leave one or more required fields blank (e.g., Item Name, Price). 3. Click on Submit.
Pre-Conditions	1. User must be logged into the system with a valid role (Admin, Manager, Supplier). 2. The user must have permission to access the Create Item option. 3. The user must have attempted to access the Manage Inventory section. 4. The actor must have performed the View Inventory List (UC-700). 5. For creation of new item inventory, the supplier from Manage Supplier List (UC-600) must have been added first, then the item must be created based on the supplier registered in the system's list by choosing the supplier's name. 6. The item inventory must have been created first into the list.
Test Procedure	1. Navigate to the Manage Inventory List menu. 2. Access the Create Item functionality.

	3. Fill in incomplete data, leaving one or more fields blank. • Item Name: "Oolong Tea" • Category: (empty) • Quantity: "30" • Price: "4.50" • Description: "Aromatic Oolong tea." 4. Submit the form by clicking Submit.
Expected Test Results	The system prompts the user with an error message indicating the missing fields: "Error: Please fill in all required fields before submitting."
Business Rules	The system must validate all mandatory fields before accepting input.

3.8.4 STD_IMS_804 – Verify system successfully updates item inventory when valid input data is provided.

Test Case ID	STD_IMS_804
Description	The goal of this test case is to the system must validate all mandatory fields before accepting input.
Use case to be tested	UC-800 Manage Inventory List
Requirement traceability	Refer Appendix A
User	Admin, Manager
Test inputs	1. Access the "Edit Item" functionality for an existing item in the Inventory List. 2. Update the following fields: • Quantity: Change to "100." • Price: Change to "6.00." 3.Click Submit.
Pre-Conditions	1. User must be logged into the system with the Admin or Manager role. 2. The selected item must exist in the inventory. 3. The user must have attempted to access the Manage Inventory section. 4. The actor must have performed the View Inventory List (UC-700). 5. For creation of new item inventory, the supplier from Manage Supplier List (UC-600) must have been added first, then the item must be created based on the supplier registered in the system's list by choosing the supplier's name.
Test Procedure	1. Navigate to the Manage Inventory List menu. 2. Select an existing item and access the Edit Item functionality. 3. Modify the fields as specified: • Quantity: Change to "100." • Price: Change to "6.00." 4. Submit the changes by clicking Submit.
Expected Test Results	The system successfully updates the item inventory and confirms the update with a message: "Item successfully updated."
Business Rules	System enforces input validation for quantity and price fields during updates.

3.8.5 STD_IMS_805 – Verify supplier can successfully update the price of items they own when valid data is entered.

Test Case ID	STD_IMS_805
Description	The goal of this test case is to verify that a supplier can successfully update the price of items they own when valid data is entered
Use case to be tested	UC-800 Manage Inventory List
Requirement traceability	Refer Appendix A
User	Supplier
Test inputs	1. Access the "Edit Item" functionality for an item owned by the supplier. 2. Update the Price field to "7.50." 3. Click Submit.
Pre-Conditions	1. User must be logged into the system with the Supplier role. 2. The selected item must belong to the logged-in supplier. 3. The user must have attempted to access the Manage Inventory section. 4. The actor must have performed the View Inventory List (UC-700). 5. For creation of new item inventory, the supplier from Manage Supplier List (UC-600) must have been added first, then the item must be created based on the supplier registered in the system's list by choosing the supplier's name. 6. For modification and deletion of item inventory, the item inventory must have been created first into the list.
Test Procedure	1. Navigate to the Manage Inventory List menu. 2. Select an item owned by the supplier and access the Edit Item functionality. 3. Modify the Price field as "7.50." 4. Submit the changes by clicking Submit.
Expected Test Results	The system successfully updates the item's price and displays a confirmation message: "Price successfully updated."
Business Rules	Suppliers can only modify the price of items they own.

3.8.6 STD_IMS_806 – Verify system denies access and displays an error message when supplier attempts to edit non-price fields.

Test Case ID	STD_IMS_806
Description	The goal of this test case is to verify that the system denies access and displays an error message when a supplier attempts to edit non-price fields.
Use case to be tested	UC-800 Manage Inventory List
Requirement traceability	Refer Appendix A
User	Supplier
Test inputs	1. Access the "Edit Item" functionality for an item owned by the supplier. 2. Attempt to modify the Item Name or Quantity fields. 3. Click Submit.
Pre-Conditions	1. User must be logged into the system with the supplier role. 2. The selected item must exist in the inventory.

	3. The user must have attempted to access the Manage Inventory section. 4. The actor must have performed the View Inventory List (UC-700). 5. For creation of new item inventory, the supplier from Manage Supplier List (UC-600) must have been added first, then the item must be created based on the supplier registered in the system's list by choosing the supplier's name.
Test Procedure	1 .Navigate to the Manage Inventory List menu. Select an item owned by the supplier and access the Edit 2. Item functionality. 3. Attempt to modify non-price fields , Item Name or Quantity fields. 4. Submit the changes by clicking Submit.
Expected Test Results	The system denies the action and displays an error message: "Access Denied: Suppliers can only modify the price field of their items."
Business Rules	System enforces field-level permissions based on user roles.

3.8.7   STD_IMS_807 – Verify system successfully deletes the selected item inventory when deletion is confirmed by Admin or Manager

Test Case ID	STD_IMS_807
Description	The goal of this test case is to verify that the system successfully deletes the selected item inventory when deletion is confirmed by Admin or Manager.
Use case to be tested	UC-800 Manage Inventory List
Requirement traceability	Refer Appendix A
User	Admin, Manager
Test inputs	Access the "Delete Item" functionality for an existing item. Confirm the deletion when prompted.
Pre-Conditions	1. User must be logged into the system with the Admin or Manager role. 2. The selected item must exist in the inventory. 3. The user must have attempted to access the Manage Inventory section. 4. The actor must have performed the View Inventory List (UC-700). 5. For creation of new item inventory, the supplier from Manage Supplier List (UC-600) must have been added first, then the item must be created based on the supplier registered in the system's list by choosing the supplier's name.
Test Procedure	1. Navigate to the Manage Inventory List menu. 2. Select an existing item and access the Delete Item functionality. 3. Confirm the deletion when prompted by clicking Yes or Confirm.
Expected Test Results	The system successfully deletes the selected item and displays a confirmation message: "Item successfully deleted from inventory."
Business Rules	Only Admins and Managers can delete items from inventory.

3.8.8   STD_IMS_808 – Verify system denies access and displays an error message when Department Leader or Supplier attempts to delete an item inventory.

Test Case ID	STD_IMS_808
Description	The goal of this test case is to verify that the system denies access and displays an error message when a Department Leader or Supplier attempts to delete an item inventory.
Use case to be tested	UC-800 Manage Inventory List
Requirement traceability	Refer Appendix A
User	Department Leader, Supplier
Test inputs	1. Attempt to access the "Delete Item" functionality for an existing item. 2. Confirm the deletion when prompted.
Pre-Conditions	1. User must be logged into the system with the Department Leader or Supplier role. 2. The selected item must exist in the inventory. 3. The user must have attempted to access the Manage Inventory section. 4. The actor must have performed the View Inventory List (UC-700). 5. For creation of new item inventory, the supplier from Manage Supplier List (UC-600) must have been added first, then the item must be created based on the supplier registered in the system's list by choosing the supplier's name.
Test Procedure	1. Navigate to the Manage Inventory List menu. 2. Select an existing item and access the Delete Item functionality. 3. Attempt to confirm the deletion.
Expected Test Results	The system denies the action and displays an error message: "Access Denied: You do not have permission to delete inventory items."
Business Rules	Only Admins and Managers can delete items from inventory.

3.8.9   STD_IMS_809 – Verify system prompts for complete input when fields are left blank during item editing.

Test Case ID	STD_IMS_809
Description	The goal of this test case is to verify that the system prompts for complete input when fields are left blank during item editing.
Use case to be tested	UC-800 Manage Inventory List
Requirement traceability	Refer Appendix A
User	Admin, Manager, Supplier
Test inputs	1. Access the "Edit Item" functionality for an existing item. 2. Leave one or more required fields blank (e.g., Quantity, Price). 3. Click Submit.
Pre-Conditions	1. User must be logged into the system with the Admin, Manager or Supplier role. 2. The selected item must exist in the inventory. 3. The user must have attempted to access the Manage Inventory section. 4. The actor must have performed the View Inventory List (UC-700).

	5. For creation of new item inventory, the supplier from Manage Supplier List (UC-600) must have been added first, then the item must be created based on the supplier registered in the system's list by choosing the supplier's name.

Test Procedure	1. Navigate to the Manage Inventory List menu.
	
	2. Select an existing item and access the Edit Item functionality.
	
	3. Leave one or more required fields blank.
	
	   • Quantity : (empty)
	   • Price : 1.75
	
	4. Submit the changes by clicking Submit.

Expected Test Results	The system displays an error message indicating the missing fields: "Error: Please complete all required fields before submitting."
Business Rules	The system must validate all mandatory fields during item edits.

3.8.10 STD_IMS_810 – Verify system does not proceed with deletion when deletion confirmation is not provided.

Test Case ID	STD_IMS_810
Description	The goal of this test case is to verify that the system does not proceed with deletion when deletion confirmation is not provided.
Use case to be tested	UC-800 Manage Inventory List
Requirement traceability	Refer Appendix A
User	Admin, Manager
Test inputs	1. Access the "Delete Item" functionality for an existing item. 2. Decline the deletion confirmation or close the confirmation dialog.
Pre-Conditions	1. User must be logged into the system with the Admin or Manager role. 2. The selected item must exist in the inventory. 3. The user must have attempted to access the Manage Inventory section. 4. The actor must have performed the View Inventory List (UC-700). 5. For creation of new item inventory, the supplier from Manage Supplier List (UC-600) must have been added first, then the item must be created based on the supplier registered in the system's list by choosing the supplier's name.
Test Procedure	1. Navigate to the Manage Inventory List menu. 2. Select an existing item and access the Delete Item functionality. 3. Decline or close the confirmation dialog.
Expected Test Results	The system does not delete the item and retains the item in the inventory list.
Business Rules	Deletion must be explicitly confirmed before proceeding.

3.8.11 STD_IMS_811 – Verify system displays an error message when supplier enters invalid price data.

Test Case ID	STD_IMS_811

Description	The goal of this test case is to verify that the system displays an error message when a supplier enters invalid price data.
Use case to be tested	UC-800 Manage Inventory List
Requirement traceability	Refer Appendix A
User	Supplier
Test inputs	1. Access the "Edit Item" functionality for an item owned by the supplier. 2. Enter invalid data in the Price field (e.g., "abc" or "-5"). 3. Click Submit.
Pre-Conditions	1. User must be logged into the system with the Admin or Manager role. 2. The selected item must belong to the logged-in supplier. 3. The selected item must exist in the inventory. 4. The user must have attempted to access the Manage Inventory section. 5. The actor must have performed the View Inventory List (UC-700). 6. For creation of new item inventory, the supplier from Manage Supplier List (UC-600) must have been added first, then the item must be created based on the supplier registered in the system's list by choosing the supplier's name.
Test Procedure	1. Navigate to the Manage Inventory List menu. 2. Select an item owned by the supplier and access the Edit Item functionality. 3. Enter invalid data in the Price field : -5 4. Submit the changes by clicking Submit.
Expected Test Results	The system denies the action and displays an error message: "Error: Invalid price value. Please enter a valid number greater than 0."
Business Rules	System enforces validation for numeric fields, including price.

3.9   [STD_IMS_900] View Purchase Order

The goal of this test is to verify that the intended user can view a list purchase order with the right privilege in the system.

This test contains the following test cases:

Test Case ID	Test Case Title
STD_IMS_901	Verify system displays complete purchase order table with edit and delete button when admin view purchase order table
STD_IMS_902	Verify system displays complete purchase order table with edit and delete button when manager view purchase order table
STD_IMS_903	Verify system displays complete purchase order table with edit button when supplier view purchase order table
STD_IMS_904	Verify system displays complete purchase order table without edit and delete button when department leader views a purchase order table
STD_IMS_905	Verify system display all entry with the inserted supplier name when user search the table by the supplier's name
STD_IMS_906	Verify system display all entry with "delivered" delivery status when user search the table with "delivered"
STD_IMS_907	Verify system display all entry with "In delivery" delivery status when user search the table with "In delivery"
STD_IMS_908	Verify system display all entry with "Unshipped" delivery status when user search the table with "Unshipped"
STD_IMS_909	Verify system display all entry with "paid" payment status when user search the table with "paid"
STD_IMS_910	Verify system display all entry with "unpaid" payment status when user search the table with "unpaid"
STD_IMS_911	Verify system displays table data with descending order according to the sorted column when user filter table column
STD_IMS_912	Verify system displays table data with ascending order according to the sorted column when user filter table column
STD_IMS_913	Verify system displays no record found when the user search data with alphanumeric words
STD_IMS_914	Verify system display all entry when user search existing data of order date
STD_IMS_915	Verify system display all entry when user search existing data of approval date
STD_IMS_916	Verify system display all entry when user search existing data of acceptance date
STD_IMS_917	Verify system displays no record found when the user search data that does not exist in the table

3.9.1   STD_IMS_901 – Verify system displays complete purchase order table with edit and delete button when admin view purchase order table

Test Case ID	STD_IMS_901
Description	The goal of the test case is to verify that system will display a complete purchase order table with a valid interface and have edit and delete button
Use case to be tested	UC-900 View Purchase Order

Requirement traceability	Refer Appendix A
User	Admin
Test inputs	1. Navigate to purchase order menu bar
Pre-Conditions	User account has been registered
Test Procedure	1. Admin click the purchase order in menu bar
	2. Admin can choose to create, edit or delete purchase order
Expected Test Results	System successfully displays a valid interface of purchase order table with create, edit and delete button for admin
Business Rules	None

3.9.2   STD_IMS_902 – Verify system displays complete purchase order table with edit and delete button when manager view purchase order table

Test Case ID	STD_IMS_902
Description	The goal of the test case is to verify that system will display a complete purchase order table with a valid interface and have edit and delete button
Use case to be tested	UC-900 View Purchase Order
Requirement traceability	Refer Appendix A
User	Manager
Test inputs	1. Navigate to purchase order menu bar
Pre-Conditions	The purchase order must have been created and saved in the system database.
Test Procedure	1. Manager click the purchase order in menu bar
	2. Manager can choose to create, edit or delete purchase order
Expected Test Results	System successfully displays a valid interface of purchase order table with create, edit and delete button for manager
Business Rules	None

3.9.3   STD_IMS_903 – Verify system displays complete purchase order table with edit button when supplier view purchase order table

Test Case ID	STD_IMS_903
Description	The goal of the test case is to verify that system will display a complete purchase order table with a valid interface of their own order list and have edit button only
Use case to be tested	UC-900 View Purchase Order
Requirement traceability	Refer Appendix A
User	Supplier
Test inputs	1. Navigate to purchase order menu bar
Pre-Conditions	The purchase order must have been created and saved in the system database.
Test Procedure	1. Manager click the purchase order in menu bar
	2. Manager can choose to edit purchase order
Expected Test Results	System successfully displays a valid interface of purchase order table with edit button only for supplier
Business Rules	None

3.9.4 STD_IMS_904 – Verify system displays complete purchase order table without edit and delete button when department leader views a purchase order table

Test Case ID	STD_IMS_904
Description	The goal of the test case is to verify that system will display a complete purchase order table with a valid interface and without create, edit and delete button
Use case to be tested	UC-900 View Purchase Order
Requirement traceability	Refer Appendix A
User	Department leader
Test inputs	1. Navigate to purchase order menu bar
Pre-Conditions	The purchase order must have been created and saved in the system database.
Test Procedure	1. Department leader click the purchase order in menu bar
Expected Test Results	System successfully displays a valid interface of purchase order table without create, edit and delete button for department leader
Business Rules	Department can only view the purchase order without option to create, edit and delete purchase order

3.9.5 STD_IMS_905 – Verify system display all entry with the inserted supplier name when user search the table by the supplier's name

Test Case ID	STD_IMS_905
Description	The goal of the test case is to verify that system will display all valid entry when the user searches the table by any existing supplier name in the purchase order table
Use case to be tested	UC-900 View Purchase Order
Requirement traceability	Refer Appendix A
User	Admin, Manager, Supplier, Department leader
Test inputs	1. Navigate to purchase order menu bar 2. Click on the search bar or search icon 3. Insert supplier name using keyboard 4. Click enter on keyboard
Pre-Conditions	The purchase order must have been created and saved in the system database.
Test Procedure	1. Users click the purchase order in menu bar 2. Users click on search bar or search icon 3. Insert existing supplier name in table • Supplier name: Skmart 4. Users click enter on keyboard
Expected Test Results	System successfully displays all entry from the inserted supplier name
Business Rules	None

3.9.6 STD_IMS_906 – Verify system display all entry with "delivered" delivery status when user search the table with "delivered"

Test Case ID	STD_IMS_906

Description	The goal of the test case is to verify that system will display all valid entry when the user searches the table by "delivered" delivery status in the purchase order table
Use case to be tested	UC-900 View Purchase Order
Requirement traceability	Refer Appendix A
User	Admin, Manager, Supplier, Department leader
Test inputs	1. Navigate to purchase order menu bar 2. Click on the search bar or search icon 3. Insert "delivered" using keyboard 4. Clicks enter on keyboard
Pre-Conditions	The purchase order must have been created and saved in the system database.
Test Procedure	1. Users click the purchase order in menu bar 2. Users click on search bar or search icon 3. Insert existing delivery status in table • Delivery status: delivered 4. Users click enter on keyboard
Expected Test Results	System successfully displays all entry with delivered delivery status
Business Rules	None

3.9.7 STD_IMS_907 – Verify system display all entry with "In delivery" delivery status when user search the table with "In delivery"

Test Case ID	STD_IMS_907
Description	The goal of the test case is to verify that system will display all valid entry when the user searches the table by "in delivery" delivery status in the purchase order table
Use case to be tested	UC-900 View Purchase Order
Requirement traceability	Refer Appendix A
User	Admin, Manager, Supplier, Department leader
Test inputs	1. Navigate to purchase order menu bar 2. Click on the search bar or search icon 3. Insert "in delivery" using keyboard 4. Clicks enter on keyboard
Pre-Conditions	The purchase order must have been created and saved in the system database.
Test Procedure	1. Users click the purchase order in menu bar 2. Users click on search bar or search icon 3. Insert existing delivery status in table • Delivery status: in delivery 4. Users click enter on keyboard
Expected Test Results	System successfully displays all entry with "in delivery" delivery status
Business Rules	None

3.9.8 STD_IMS_908 – Verify system display all entry with "unshipped" delivery status when user search the table with "delivered"

Test Case ID	STD_IMS_908
Description	The goal of the test case is to verify that system will display all valid entry when the user searches the table by "unshipped" delivery status in the purchase order table
Use case to be tested	UC-900 View Purchase Order
Requirement traceability	Refer Appendix A
User	Admin, Manager, Supplier, Department leader
Test inputs	1. Navigate to purchase order menu bar 2. Click on the search bar or search icon 3. Insert "unshipped" using keyboard 4. Clicks enter on keyboard
Pre-Conditions	The purchase order must have been created and saved in the system database.
Test Procedure	1. Users click the purchase order in menu bar 2. Users click on search bar or search icon 3. Insert existing delivery status in table • Delivery status: unshipped 4. Users click enter on keyboard
Expected Test Results	System successfully displays all entry with "unshipped" delivery status
Business Rules	None

3.9.9 STD_IMS_909 – Verify system display all entry with "paid" payment status when user search the table with "paid"

Test Case ID	STD_IMS_909
Description	The goal of the test case is to verify that system will display all valid entry when the user searches the table by "paid" payment status in the purchase order table
Use case to be tested	UC-900 View Purchase Order
Requirement traceability	Refer Appendix A
User	Admin, Manager, Supplier, Department leader
Test inputs	1. Navigate to purchase order menu bar 2. Click on the search bar or search icon 3. Insert "paid" using keyboard 4. Clicks enter on keyboard
Pre-Conditions	The purchase order must have been created and saved in the system database.
Test Procedure	1. Users click the purchase order in menu bar 2. Users click on search bar or search icon 3. Insert existing payment status in table • Delivery status: paid 4. Users click enter on keyboard
Expected Test Results	System successfully displays all entry with "paid" payment status
Business Rules	None

3.9.10 STD_IMS_910 – Verify system display all entry with "unpaid" payment status when user search the table with "unpaid"

Test Case ID	STD_IMS_910
Description	The goal of the test case is to verify that system will display all valid entry when the user searches the table by "unpaid" payment status in the purchase order table
Use case to be tested	UC-900 View Purchase Order
Requirement traceability	Refer Appendix A
User	Admin, Manager, Supplier, Department leader
Test inputs	1. Navigate to purchase order menu bar 2. Click on the search bar or search icon 3. Insert "unpaid" using keyboard 4. Clicks enter on keyboard
Pre-Conditions	The purchase order must have been created and saved in the system database.
Test Procedure	1. Users click the purchase order in menu bar 2. Users click on search bar or search icon 3. Insert existing payment status in table • Delivery status: unpaid 4. Users click enter on keyboard
Expected Test Results	System successfully displays all entry with "unpaid" payment status
Business Rules	None

3.9.11 STD_IMS_911 – Verify system displays table data with descending order according to the sorted column when user filter table column

Test Case ID	STD_IMS_911
Description	The goal of the test case is to verify that system will display a correct descending order according to the sorted column
Use case to be tested	UC-900 View Purchase Order
Requirement traceability	Refer Appendix A
User	Admin, Manager, Supplier, Department leader
Test inputs	1. Navigate to purchase order menu bar 2. Click on sort icon in the column
Pre-Conditions	The purchase order must have been created and saved in the system database.
Test Procedure	1. Users click the purchase order in menu bar 2. Users click on sort icon in the column
Expected Test Results	System successfully displays a descending order of the sorted column
Business Rules	None

3.9.12 STD_IMS_912 – Verify system displays table data with ascending order according to the sorted column when user filter table column

Test Case ID	STD_IMS_912

Description	The goal of the test case is to verify that system will display a correct ascending order according to the sorted column
Use case to be tested	UC-900 View Purchase Order
Requirement traceability	Refer Appendix A
User	Admin, Manager, Supplier, Department leader
Test inputs	1. Navigate to purchase order menu bar 2. Click on sort icon in the column
Pre-Conditions	The purchase order must have been created and saved in the system database.
Test Procedure	1. Users click the purchase order in menu bar 2. Users click on sort icon in the column
Expected Test Results	System successfully displays a ascending order of the sorted column
Business Rules	None

3.9.13 STD_IMS_913 – Verify system displays no record found when the user search data with alphanumeric words

Test Case ID	STD_IMS_913
Description	The goal of the test case is to verify that system will not display any data, and no record found when the user inserts an alphanumeric word in search bar
Use case to be tested	UC-900 View Purchase Order
Requirement traceability	Refer Appendix A
User	Admin, Manager, Supplier, Department leader
Test inputs	1. Navigate to purchase order menu bar 2. Click on the search bar or search icon 3. Insert alphanumeric word using keyboard 4. Clicks enter on keyboard
Pre-Conditions	The purchase order must have been created and saved in the system database.
Test Procedure	1. Users click the purchase order in menu bar 2. Users click on search bar or search icon 3. Insert alphanumeric in search bar • Word: skmart1 4. Users click enter on keyboard
Expected Test Results	System displays no record found
Business Rules	"Skmart" data entry exist in purchase order table

3.9.14 STD_IMS_914 – Verify system display all entry when user search existing data of order date

Test Case ID	STD_IMS_914
Description	The goal of the test case is to verify that system will display all data entry that have the inserted order date
Use case to be tested	UC-900 View Purchase Order

Requirement traceability	Refer Appendix A
User	Admin, Manager, Supplier, Department leader
Test inputs	1. Navigate to purchase order menu bar 2. Click on the search bar or search icon 3. Insert order date using keyboard 4. Clicks enter on keyboard
Pre-Conditions	The purchase order must have been created and saved in the system database.
Test Procedure	1. Users click the purchase order in menu bar 2. Users click on search bar or search icon 3. Insert order date in search bar • Word: 11/12/2024 4. Users click enter on keyboard
Expected Test Results	System displays all data entry of the inserted order date
Business Rules	None

3.9.15 STD_IMS_915 – Verify system display all entry when user search existing data of approval date

Test Case ID	STD_IMS_915
Description	The goal of the test case is to verify that system will display all data entry that have the inserted approval date
Use case to be tested	UC-900 View Purchase Order
Requirement traceability	Refer Appendix A
User	Admin, Manager, Supplier, Department leader
Test inputs	1. Navigate to purchase order menu bar 2. Click on the search bar or search icon 3. Insert approval date using keyboard 4. Clicks enter on keyboard
Pre-Conditions	The purchase order must have been created and saved in the system database.
Test Procedure	1. Users click the purchase order in menu bar 2. Users click on search bar or search icon 3. Insert approval date in search bar • Word: 11/12/2024 4. Users click enter on keyboard
Expected Test Results	System displays all data entry of the inserted approval date
Business Rules	None

3.9.16 STD_IMS_916 – Verify system display all entry when user search existing data of acceptance date

Test Case ID	STD_IMS_916
Description	The goal of the test case is to verify that system will display all data entry that have the inserted acceptance date
Use case to be tested	UC-900 View Purchase Order

Requirement traceability	Refer Appendix A
User	Admin, Manager, Supplier, Department leader
Test inputs	1. Navigate to purchase order menu bar 2. Click on the search bar or search icon 3. Insert acceptance date using keyboard 4. Clicks enter on keyboard
Pre-Conditions	The purchase order must have been created and saved in the system database.
Test Procedure	1. Users click the purchase order in menu bar 2. Users click on search bar or search icon 3. Insert acceptance date in search bar • Word: 11/12/2024 4. Users click enter on keyboard
Expected Test Results	System displays all data entry of the inserted acceptance date
Business Rules	None

3.9.17 STD_IMS_917 – Verify system displays no record found when the user search data that does not exist in the table

Test Case ID	STD_IMS_917
Description	The goal of the test case is to verify that system will display no record found when the user searches a data that does not exist in the purchase order table
Use case to be tested	UC-900 View Purchase Order
Requirement traceability	Refer Appendix A
User	Admin, Manager, Supplier, Department leader
Test inputs	1. Navigate to purchase order menu bar 2. Click on the search bar or search icon 3. Insert no existence data in the search bar 4. Clicks enter on keyboard
Pre-Conditions	The purchase order must have been created and saved in the system database.
Test Procedure	1. Users click the purchase order in menu bar 2. Users click on search bar or search icon 3. Insert no existence data in search bar • Word: shipped 4. Users click enter on keyboard
Expected Test Results	System displays no record found indicating the inserted data does not exist in the table
Business Rules	None

3.10   [STD_IMS_1000] Manage Purchase Order

The goal of this test is to verify that the intended user can be manage purchase order to the system.

This test contains the following test cases:

Test Case ID	Test Case Title
STD_IMS_1001	Verify Admin can create new purchase order
STD_IMS_1002	Verify Admin cannot create new purchase order
STD_IMS_1003	Verify Manager can create new purchase order
STD_IMS_1004	Verify Department Leader can create new purchase order
STD_IMS_1005	Verify Admin can modify purchase order data
STD_IMS_1006	Verify Admin cannot modify purchase order data when approval status
STD_IMS_1007	Verify Manager can modify purchase order data
STD_IMS_1008	Verify Department Leader cannot modify purchase order data
STD_IMS_1009	Verify Supplier can modify purchase order data
STD_IMS_1010	Verify Admin can delete purchase order data chosen when click button "Delete"
STD_IMS_1011	Verify Admin can delete purchase order data chosen when click button "Yes"
STD_IMS_1012	Verify Manager can delete purchase order data chosen when click button "Delete
STD_IMS_1013	Verify Manager can delete purchase order data chosen when click button "Yes"
STD_IMS_1014	Verify Supplier cannot delete purchase order data
STD_IMS_1015	Verify Department Leader cannot delete purchase order data

3.10.1 STD_IMS_1001 – Verify Admin can create new purchase order

Test Case ID	STD_IMS_1001
Description	The goal of the test case is to verify Admin can create new purchase order
Use case to be tested	UC-1000 Manage Purchase Order
Requirement traceability	Refer Appendix A
User	Admin
Test inputs	All mandatory required
Pre-Conditions	Must have have perfomed View Purchase Orderthe View Purchase Order
Test Procedure	1. User go to manage purchase order page

2. User click button "Create Purchase Order" button

3. User select Purchase Order Type : Old

4. User input data all mandatory required

- Order date

- Item name

- Order status

5. System will calculate and display total item charged for each item |

	6. User can add another if there is other product
	7. User click button "Submit"
Expected Test Results	Display successfully add new purchase order message
Business Rules	None

3.10.2 STD_IMS_1002 – Verify Admin cannot create new purchase order

Test Case ID	STD_IMS_1002
Description	The goal of the test case is to verify Admin cannot create new purchase order
Use case to be tested	UC-1000 Manage Purchase Order
Requirement traceability	Refer Appendix A
User	Admin
Test inputs	Not fill in all mandatory required
Pre-Conditions	Must have perfomed the View Purchase Order
Test Procedure	1. User go to manage purchase order page
	2. User click button "Create Purchase Order" button
	3. User select Purchase Order Type : Old
	4. User only input data
	- Item name
	- Order status
	5. User click button "Submit"
Expected Test Results	Display an error message "Incomplete Input Information"
Business Rules	None

3.10.3 STD_IMS_1003 – Verify Manager can create new purchase order

Test Case ID	STD_IMS_1003
Description	The goal of the test case is to verify Manager can create new purchase order
Use case to be tested	UC-1000 Manage Purchase Order
Requirement traceability	Refer Appendix A
User	Manager
Test inputs	All mandatory required
Pre-Conditions	Must have perfomed the View Purchase Order
Test Procedure	1. User go to manage purchase order page
	2. User click button "Create Purchase Order" button
	3. User select Purchase Order Type : Old
	4. User input data all mandatory required
	- Order date
	- Item name
	- Order status

	5. System will calculate and display total item charged for each item
	6. User can add another if there is other product
	7. User click button "Submit"
Expected Test Results	Display successfully add new purchase order message
Business Rules	None

3.10.4 STD_IMS_1004 – Verify Department Leader can create new purchase order

Test Case ID	STD_IMS_1004
Description	The goal of the test case is to verify Department Leader can create new purchase order
Use case to be tested	UC-1000 Manage Purchase Order
Requirement traceability	Refer Appendix A
User	Department Leader
Test inputs	All mandatory required
Pre-Conditions	Must have perfomed the View Purchase Order
Test Procedure	1. User go to manage purchase order page
	2. User click button "Create Purchase Order" button
	3. User select Purchase Order Type : Old
	4. User input data all mandatory required
	- Order date
	- Item name
	- Order status
	5. System will calculate and display total item charged for each item
	6. User can add another if there is other product
	7. User click button "Submit"
Expected Test Results	Display successfully add new purchase order message
Business Rules	None

3.10.5 STD_IMS_1005 – Verify Admin can modify purchase order data

Test Case ID	STD_IMS_1005
Description	The goal of the test case is to verify Admin can modify purchase order data
Use case to be tested	UC-1000 Manage Purchase Order
Requirement traceability	Refer Appendix A
User	Admin
Test inputs	Change status of order

Pre-Conditions	Purchased order have been created
Test Procedure	1. User go to Purchase Order page
	2. User click button 'Edit'
	3. Database fetch data from database
	4. User edit data of payment status and order status
	5. User click 'Update' button
Expected Test Results	Display successful update of purchase order message
Business Rules	None

3.10.6 STD_IMS_1006 – Verify Admin cannot modify purchase order data when approval status

Test Case ID	STD_IMS_1006
Description	The goal of the test case is to verify Admin cannot modify purchase order data when approval status
Use case to be tested	UC-1000 Manage Purchase Order
Requirement traceability	Refer Appendix A
User	Admin
Test inputs	Edit data of purchase order
Pre-Conditions	Purchased order have been created
Test Procedure	1. User go to Purchase Order page
	2. User click button 'Edit'
	3. Database fetch data from database
	4. User edit data order status already approved
	5. User cannot click 'Update' button
Expected Test Results	Display message of unsuccessful update purchase order
Business Rules	None

3.10.7 STD_IMS_1007 – Verify Manager can modify purchase order data

Test Case ID	STD_IMS_1007
Description	The goal of the test case is to verify Manager can modify purchase order data
Use case to be tested	UC-1000 Manage Purchase Order
Requirement traceability	Refer Appendix A
User	Manager
Test inputs	Edit data of purchase order
Pre-Conditions	Purchased order have been created
Test Procedure	1. User go to Purchase Order page

	2. User click button 'Edit'
	3. Database fetch data from database
	4. User edit data of payment status and order status
	5. User click 'Update' button
Expected Test Results	Display successful update of purchase order message
Business Rules	None

3.10.8 STD_IMS_1008 – Verify Department Leader cannot modify purchase order data

Test Case ID	STD_IMS_1008
Description	The goal of the test case is to verify valid Department Leader can modify purchase order data
Use case to be tested	UC-1000 Manage Purchase Order
Requirement traceability	Refer Appendix A
User	Department Leader
Test inputs	-
Pre-Conditions	Purchased order have been created
Test Procedure	1. User go to Purchase Order page
	2. User cannot click button 'Delete' for delete purchase order data
Expected Test Results	Display data manage of purchase order page without 'Edit' button
Business Rules	None

3.10.9 STD_IMS_1009 – Verify Supplier can modify purchase order data

Test Case ID	STD_IMS_1009
Description	The goal of the test case is to verify Supplier cannot edit purchase order data
Use case to be tested	UC-1000 Manage Purchase Order
Requirement traceability	Refer Appendix A
User	Supplier
Test inputs	Edit data of purchase order
Pre-Conditions	Purchased order have been created
Test Procedure	1. User go to Purchase Order page
	2. User click button 'Edit'
	3. Database fetch data from database
	4. User edit data of their own supplier
	5. User click 'Update' button

Expected Test Results	Display successful update of purchase order message
Business Rules	None

3.10.10 STD_IMS_1010 – Verify Admin can delete purchase order data chosen when click button "Delete"

Test Case ID	STD_IMS_1010
Description	The goal of the test case is to verify Admin can delete purchase order data chosen when click button "Delete"
Use case to be tested	UC-1000 Manage Purchase Order
Requirement traceability	Refer Appendix A
User	Admin
Test inputs	Select data have approved status
Pre-Conditions	Purchased order must have been created first
Test Procedure	1. Admin go to purchase order page 2. User choose data approval status "Approved" 3. User can click button 'Delete' for delete purchase order data
Expected Test Results	Display confirmation pop up message to delete chosen purchase order
Business Rules	None

3.10.11 STD_IMS_1011 – Verify Admin can delete purchase order data chosen when click button "Yes"

Test Case ID	STD_IMS_1011
Description	The goal of the test case is to verify Admin can delete purchase order data chosen when click button "Yes"
Use case to be tested	UC-1000 Manage Purchase Order
Requirement traceability	Refer Appendix A
User	Admin
Test inputs	Click button Yes to confirm delete data
Pre-Conditions	Click button 'Delete' from purchase order data
Test Procedure	1. Pop up message of confirm deletion "Yes" or "Cancel" 2. User click "Yes" for confirm delete purchase order data
Expected Test Results	Display successful deletion message confirming the deleted purchase order chosen
Business Rules	None

3.10.12 STD_IMS_1012 – Verify Manager can delete purchase order data chosen when click button "Delete"

Test Case ID	STD_IMS_1012
Description	The goal of the test case is to verify Manager can delete purchase order data chosen when click button "Delete"
Use case to be tested	UC-1000 Manage Purchase Order

Requirement traceability	Refer Appendix A
User	Manager
Test inputs	Select data have approved status
Pre-Conditions	Purchased order must have been created first
Test Procedure	1. Manager go to purchase order page
	2. User choose data approval status "Approved"
	3. User can click button 'Delete' for delete purchase order data
Expected Test Results	Display confirmation pop up message to delete chosen purchase order
Business Rules	None

3.10.13 STD_IMS_1013 – Verify Manager can delete purchase order data chosen when click button "Yes"

Test Case ID	STD_IMS_1013
Description	The goal of the test case is to verify Manager can delete purchase order data chosen when click button "Yes"
Use case to be tested	UC-1000 Manage Purchase Order
Requirement traceability	Refer Appendix A
User	Manager
Test inputs	Click button Yes to confirm delete data
Pre-Conditions	Click button 'Delete' from purchase order data
Test Procedure	1. Pop up message of confirm deletion "Yes" or "Cancel"
	2. User click "Yes" for confirm delete purchase order data
Expected Test Results	Display successful deletion message confirming the deleted purchase order chosen
Business Rules	None

3.10.14 STD_IMS_1014 – Verify Supplier cannot delete purchase order data

Description	The goal of the test case is to verify Supplier cannot delete purchase order data
Use case to be tested	UC-1000 Manage Purchase Order
Requirement traceability	Refer Appendix A
User	Supplier
Test inputs	-
Pre-Conditions	Purchased order must have been created first
Test Procedure	1. Supplier go to purchase order page
	2. User cannot click button 'Delete' for delete purchase order data
Expected Test Results	Display data of purchase order page without 'Delete' button
Business Rules	None

3.10.15 STD_IMS_1015 – Verify Department Leader cannot delete purchase order data

Test Case ID	STD_IMS_100
Description	The goal of the test case is to verify Department Leader cannot delete purchase order data
Use case to be tested	UC-1000 Manage Purchase Order
Requirement traceability	Refer Appendix A
User	Department Leader
Test inputs	-
Pre-Conditions	Purchased order must have been created first
Test Procedure	1. Department Leader go to purchase order page 2. User cannot click button 'Delete' for delete purchase order data
Expected Test Results	Display data of purchase order page without 'Delete' button
Business Rules	None

Appendix A (Traceability Matrix)

Class	Package → SDD_PKG_100										SDD_PKG_200				SDD_PKG_300							SDD_PKG_400	Class (STD)
	SDD_PD_101	SDD_PD_102	SDD_PD_103	SDD_PD_104	SDD_PD_109	SDD_PD_106	SDD_PD_107	SDD_PD_108	SDD_PD_109	SDD_PD_110	SDD_PD_201	SDD_PD_202	SDD_PD_203	SDD_PD_204	SDD_PD_301	SDD_PD_302	SDD_PD_303	SDD_PD_304	SDD_PD_305	SDD_PD_306	SDD_PD_307	SDD_PD_401	
UC-100 Login	/										/						/						STD_IMS_101
	/										/												STD_IMS_102
	/										/												STD_IMS_103
	/										/							/					STD_IMS_104
	/										/												STD_IMS_105
	/										/												STD_IMS_106
	/										/												STD_IMS_107
	/										/					/		/					STD_IMS_108
	/										/												STD_IMS_109
UC-200 Register Account		/									/												STD_IMS_201
		/									/												STD_IMS_202
		/									/												STD_IMS_203
		/									/												STD_IMS_20
		/									/												STD_IMS_204
		/									/												STD_IMS_205
		/									/												STD_IMS_206
		/									/												STD_IMS_207
		/									/												STD_IMS_208
		/									/												STD_IMS_209
		/									/												STD_IMS_210
		/									/												STD_IMS_211
		/									/												STD_IMS_212
		/									/												STD_IMS_213
		/									/												STD_IMS_214
		/									/												STD_IMS_215
		/									/												STD_IMS_216
		/									/												STD_IMS_217
		/									/												STD_IMS_218
		/									/												STD_IMS_219

Use Case	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	STD_IMS ID
		/							/									STD_IMS_220
		/							/									STD_IMS_221
		/							/									STD_IMS_222
		/							/									STD_IMS_223
		/							/									STD_IMS_224
		/							/									STD_IMS_225
UC-300 View User Account List			/						/			/	/	/			/	STD_IMS_301
			/						/			/	/	/			/	STD_IMS_302
			/						/			/	/	/			/	STD_IMS_303
			/						/			/	/	/			/	STD_IMS_304
			/						/			/	/	/			/	STD_IMS_305
			/						/			/	/	/			/	STD_IMS_306
UC-400 Manage User Account			/	/					/				/	/			/	STD_IMS_401
			/	/					/				/	/				STD_IMS_402
			/	/					/					/				STD_IMS_403
			/	/					/				/	/			/	STD_IMS_404
			/	/					/					/				STD_IMS_405
			/	/					/					/				STD_IMS_406
			/	/					/					/				STD_IMS_407
			/	/					/					/			/	STD_IMS_408
			/	/					/				/	/			/	STD_IMS_409
			/	/					/					/			/	STD_IMS_410
			/	/					/					/			/	STD_IMS_411
			/	/					/				/	/			/	STD_IMS_412
			/	/					/					/			/	STD_IMS_413
			/	/					/					/				STD_IMS_414
			/	/					/					/				STD_IMS_415
			/	/					/					/			/	STD_IMS_416
UC-500 View Supplier List					/					/						/	/	STD_IMS_501
					/					/						/	/	STD_IMS_502
					/					/						/	/	STD_IMS_503
					/					/						/	/	STD_IMS_504
					/					/						/	/	STD_IMS_505
					/					/						/	/	STD_IMS_506
					/					/						/	/	STD_IMS_507
					/					/						/	/	STD_IMS_508
					/					/						/	/	STD_IMS_509
					/					/						/	/	STD_IMS_510

Use Case	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	Test Case ID
					✓							✓						✓		✓	STD_IMS_511
					✓							✓						✓		✓	STD_IMS_512
						✓						✓						✓		✓	STD_IMS_601
						✓						✓						✓		✓	STD_IMS_602
						✓						✓						✓		✓	STD_IMS_603
						✓						✓						✓		✓	STD_IMS_604
						✓						✓						✓		✓	STD_IMS_605
						✓						✓						✓		✓	STD_IMS_606
						✓						✓						✓		✓	STD_IMS_607
						✓						✓						✓		✓	STD_IMS_608
						✓						✓						✓		✓	STD_IMS_609
						✓						✓						✓		✓	STD_IMS_610
UC600 Manage Supplier List						✓						✓						✓		✓	STD_IMS_611
						✓						✓						✓		✓	STD_IMS_612
						✓						✓						✓		✓	STD_IMS_613
						✓						✓						✓		✓	STD_IMS_614
						✓						✓						✓		✓	STD_IMS_615
						✓						✓						✓		✓	STD_IMS_616
						✓						✓						✓		✓	STD_IMS_617
						✓						✓						✓		✓	STD_IMS_618
						✓						✓						✓		✓	STD_IMS_619
						✓						✓						✓		✓	STD_IMS_620
						✓						✓						✓		✓	STD_IMS_621
						✓						✓						✓		✓	STD_IMS_622
							✓					✓				✓	✓	✓		✓	STD_IMS_701
							✓					✓				✓	✓	✓		✓	STD_IMS_702
							✓					✓				✓	✓	✓		✓	STD_IMS_703
							✓					✓				✓	✓	✓		✓	STD_IMS_704
							✓					✓				✓	✓	✓		✓	STD_IMS_705
UC-700 View Inventory List							✓					✓				✓	✓	✓		✓	STD_IMS_706
							✓					✓				✓	✓	✓		✓	STD_IMS_707
							✓					✓				✓	✓	✓		✓	STD_IMS_708
							✓					✓				✓	✓	✓		✓	STD_IMS_709
							✓					✓				✓	✓	✓		✓	STD_IMS_710
							✓					✓				✓	✓	✓		✓	STD_IMS_711
							✓					✓				✓	✓	✓		✓	STD_IMS_712
									✓			✓			✓			✓			STD_IMS_801
									✓			✓			✓			✓			STD_IMS_802

Use Case																			Test ID
UC-800 Manage Inventory List									/			/							STD_IMS_803
									/			/				/			STD_IMS_804
									/			/				/	/		STD_IMS_805
									/			/		/			/		STD_IMS_806
									/			/				/			STD_IMS_807
									/			/		/			/		STD_IMS_808
									/			/							STD_IMS_809
									/			/							STD_IMS_810
									/			/					/		STD_IMS_811
UC-900 View Purchase Order									/		/			/			/	/	STD_IMS_901
									/		/			/			/	/	STD_IMS_902
									/		/			/			/	/	STD_IMS_903
									/		/			/			/	/	STD_IMS_904
									/		/						/	/	STD_IMS_905
									/		/						/	/	STD_IMS_906
									/		/						/	/	STD_IMS_907
									/		/						/	/	STD_IMS_908
									/		/						/	/	STD_IMS_909
									/		/						/	/	STD_IMS_910
									/		/						/	/	STD_IMS_911
									/		/						/	/	STD_IMS_912
									/		/						/	/	STD_IMS_913
									/		/						/	/	STD_IMS_914
									/		/						/	/	STD_IMS_915
									/		/						/	/	STD_IMS_916
									/		/						/	/	STD_IMS_917
UC-1000 Manage Purchase Order								/			/			/			/	/	STD_IMS_1001
								/			/			/			/	/	STD_IMS_1002
								/			/			/			/	/	STD_IMS_1003
								/			/			/			/	/	STD_IMS_1004
								/			/			/			/	/	STD_IMS_1005
								/			/			/			/	/	STD_IMS_1006
								/			/			/			/	/	STD_IMS_1007
								/			/	/		/			/		STD_IMS_1008
								/			/			/			/	/	STD_IMS_1009
								/			/			/			/	/	STD_IMS_1010
								/			/			/			/	/	STD_IMS_1011
								/			/			/			/	/	STD_IMS_1012

									/				/		/			/	/	/	STD_IMS_1013
									/				/	/		/			/			STD_IMS_1014
									/				/	/		/			/			STD_IMS_1015

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