

Use case: Search security question		ID: UC-16		Priority: Must have	
Actor: Admin, Staff, Manager					
Description: <ul style="list-style-type: none">User can search for his security question previously created					
Triggers: <ul style="list-style-type: none">User wants to find security question					
Preconditions: <ul style="list-style-type: none">Successfully logged in with staff or admin accountThe device needs to have an internet connection					
Normal Course: 1. Log in to the system with a staff or admin account 2. Find questions		Information of steps: 1.1 Account authentication system 1.2 Return login results 2.1 Enter the question you want to find 2.2 Return search results			
Postconditions: <ul style="list-style-type: none">Find security questions					
Input Source		Outputs Destination			
<ul style="list-style-type: none">Log in to the systemFind questions	Admin, Staff	<ul style="list-style-type: none">Logged in successfullySuccessful search	Admin, Staff		

Use case: Change security question		ID: UC-17		Priority: Must have	
Actor: Admin, Manager					
Description: <ul style="list-style-type: none">• Users can change their security questions to ensure their security					
Triggers: <ul style="list-style-type: none">• User wants to change security question					
Preconditions: <ul style="list-style-type: none">• logged in with staff or admin account• The device needs to have an internet connection					
Normal Course: 1. Log in to the system with customer or admin account 2. Change the question 3.Successful change		Information of steps: 1.1 Account authentication system 1.2 Return login results 2.1 User enters answer to previous question 2.2 Authentication system 2.3 Enter new questions and answers 3.1 Change recording system			
Postconditions: <ul style="list-style-type: none">• Change security question					
Input Source			Outputs Destination		
<ul style="list-style-type: none">• Log in to the system• Change the question	Admin, Staff	<ul style="list-style-type: none">• Logged in successfully• Change the question successfully	Admin, Staff		

Use case: Confirm		ID: UC-18		Priority: Must have	
Actor: Admin, Manager					
Description: <ul style="list-style-type: none">• User confirms change of security question					
Triggers: <ul style="list-style-type: none">• User needs to confirm question change					
Preconditions: <ul style="list-style-type: none">• Successfully logged in with staff or admin account• The device needs to have an internet connection					
Normal Course: 1. Log in to the system with a staff or admin account 2. Confirm		Information of steps: 1.1 Account authentication system 1.2 Return login results 2.1 User enters new question 2.2 Confirmation of changes 2.3 Recording system			
Postconditions: <ul style="list-style-type: none">• Confirm question change					
Input Source		Outputs Destination			
<ul style="list-style-type: none">• Log in to the system• Confirm	Admin, Staff	<ul style="list-style-type: none">• Logged in successfully• Successful confirmation	Admin, Staff		

Use case: Clear form		ID: UC-19		Priority: Must have	
Actor: Admin, Manager					
Description: <ul style="list-style-type: none">• The user can delete the security question without confirming the change					
Triggers: <ul style="list-style-type: none">• Users delete security question					
Preconditions: <ul style="list-style-type: none">• Successfully logged in with admin or staff account.• The device needs to have an internet connection					
Normal Course: 1. Log in to the system with an admin or staff account 2. Delete question		Information of steps: 1.1 Account authentication system 1.2 Return login results 2.1 User deletes the form to change the question 2.2 The system displays the original form			
Postconditions: <ul style="list-style-type: none">• Remove security question					
Input Source			Outputs Destination		
<ul style="list-style-type: none">• Log in to the system• Delete question	Admin, Staff		<ul style="list-style-type: none">• Logged in successfully• Form deleted successfully	Admin, Staff	

Use case: Change password		ID: UC-20		Priority: Must have	
Actor: Admin, Manager					
Description: <ul style="list-style-type: none">• Users can change their password to ensure security					
Triggers: <ul style="list-style-type: none">• User wants to change password					
Preconditions: <ul style="list-style-type: none">• Successfully logged in with staff or admin account• The device needs to have an internet connection.					
Normal Course: 1. Log in to the system with a staff or admin account 2. Confirm		Information of steps: 1.1 Account authentication system 1.2 Return login results 2.1 User enters old password 2.2 Authentication system 2.3 Enter a new password 3.1 Change recording system			
Postconditions: <ul style="list-style-type: none">• Change password					
Input Source		Outputs Destination			
<ul style="list-style-type: none">• Log in to the system• Change the password	Admin, Staff	<ul style="list-style-type: none">• Logged in successfully• Change password successfully	Admin, Staff		

Use case: Confirm		ID: UC-21		Priority: Must have	
Actor: Admin, Manager					
Description: <ul style="list-style-type: none">• User confirms password change					
Triggers: User needs to confirm password change					
Preconditions: <ul style="list-style-type: none">• Successfully logged in with staff or admin account• The device needs to have an internet connection.					
Normal Course: 1. Log in to the system with a staff or admin account 2. Confirm		Information of steps: 1.1 Account authentication system 1.2 Return login results 2.1 User enters new password 2.2 Confirmation of changes 2.3 Recording system			
Postconditions: <ul style="list-style-type: none">• Confirm password change					
Input Source		Outputs Destination			
<ul style="list-style-type: none">• Log in to the system• Confirm	Admin, Staff	<ul style="list-style-type: none">• Logged in successfully• Successful confirmation	Admin, Staff		

Use case: Clear form		ID: UC-22		Priority: Must have	
Actor: Admin, Manager					
Description: <ul style="list-style-type: none">• Users can delete the new password without confirming the change					
Triggers: <ul style="list-style-type: none">• User deletes new password					
Preconditions: <ul style="list-style-type: none">• Successfully logged in with admin or staff account.• The device needs to have an internet connection.					
Normal Course: 1. Log in to the system with an admin or staff account 2. Delete password change form		Information of steps: 1.1 Account authentication system 1.2 Return login results 2.1 User deletes password change form 2.2 The system displays the original form			
Postconditions: <ul style="list-style-type: none">• Remove security question					
Input Source		Outputs Destination			
<ul style="list-style-type: none">• Log in to the system• Delete password change form	Admin, Staff	<ul style="list-style-type: none">• Logged in successfully• Delete form successfully	Admin, Staff		

Use case: Place order		ID: UC-23		Priority: Must have	
Actor: Admin, Staff, Manager					
Description: <ul style="list-style-type: none">• Users can order according to customer requirements					
Triggers: <ul style="list-style-type: none">• User wants to order					
Preconditions: <ul style="list-style-type: none">• Successfully logged in with admin or staff account.• The device needs to have an internet connection.					
Normal Course: 1. Log in to the system with the customer account 2. Order		Information of steps: 1.1 Account authentication system 1.2 Return login results 2.1 Users place orders according to customer requirements 2.2 Order display system			
Postconditions: <ul style="list-style-type: none">• Order					
Input Source		Outputs Destination			
<ul style="list-style-type: none">• Log in to the system• Order	Admin, Staff	<ul style="list-style-type: none">• Logged in successfully• Order Success	Admin, Staff		

Use case: Add order information		ID: UC-24	Priority: Must have
Actor: Admin, Staff, Manager			
Description: <ul style="list-style-type: none">• The user adds customer information or requests to the order			
Triggers: <ul style="list-style-type: none">• User adds information to the order			
Preconditions: <ul style="list-style-type: none">• Successfully logged in with admin or staff account.• The device needs to have an internet connection.			
Normal Course: 1. Log in to the system with an admin or staff account 2. Add order information		Information of steps: 1.1 Account authentication system 1.2 Return login results 2.1 Create an order 2.2 Add order information as required 2.3 Displaying order information	
Postconditions: <ul style="list-style-type: none">• Add information to the order			
Input Source		Outputs Destination	
<ul style="list-style-type: none">• Log in to the system• Add information to the order	Admin, Staff	<ul style="list-style-type: none">• Logged in successfully• More success information	Admin, Staff

Use case: Add to cart		ID: UC-25		Priority: Must have	
Actor: Admin, Staff, Manager					
Description: <ul style="list-style-type: none">• Users can add products to the cart before placing an order					
Triggers: <ul style="list-style-type: none">• User adds product to cart					
Preconditions: <ul style="list-style-type: none">• The device needs to have an internet connection.• Successfully logged in with admin or staff account.					
Normal Course: 1. Log in to the system with an admin or staff account 2. Add product to cart		Information of steps: 1.1 Account authentication system 1.2 Return login results 2.1 Select the products you want to order 2.2 Add to cart 2.3 Display cart			
Postconditions: <ul style="list-style-type: none">• Add product to cart					
Input Source		Outputs Destination			
<ul style="list-style-type: none">• Log in to the system• Add product to cart	Admin, Staff	<ul style="list-style-type: none">• Logged in successfully• Product added to cart successfully	Admin, Staff		

Use case: Generate bill		ID: UC-26		Priority: Must have	
Actor: Admin, Staff, Manager					
Description: <ul style="list-style-type: none">• Users create invoices once paid					
Triggers: <ul style="list-style-type: none">• User creates invoice					
Preconditions: <ul style="list-style-type: none">• The device needs to have an internet connection.• Successfully logged in with staff or admin account					
Normal Course: 1. Log in to the system with an admin or staff account 2. Create Invoice		Information of steps: 1.1 Account authentication system 1.2 Return login results 2.1 Create invoices according to customer requirements when paid 2.2 Display of invoices			
Postconditions: <ul style="list-style-type: none">• Create Invoice					
Input Source		Outputs Destination			
<ul style="list-style-type: none">• Log in to the system• Create Invoice	Admin, Staff	<ul style="list-style-type: none">• Logged in successfully• Successful invoice generation	Admin, Staff		

Use case: View bill and place order details		ID: UC-27		Priority: Maybe not	
Actor: Admin, Staff, Manager					
Description: <ul style="list-style-type: none">• Users can view invoices and invoice details on the system					
Triggers: <ul style="list-style-type: none">• User view invoice and invoice details					
Preconditions: <ul style="list-style-type: none">• The device needs to have an internet connection.• Successfully logged in with admin or staff account					
Normal Course: 1. Log in to the system with an admin or staff account 2. View invoice and invoice details		Information of steps: 1.1 Account authentication system 1.2 Return login results 2.1 User selects invoice to view 2.2 Show invoice details			
Postconditions: <ul style="list-style-type: none">• View invoice and invoice details					
Input Source		Outputs Destination			
<ul style="list-style-type: none">• Log in to the system• View invoice and invoice details	Admin, Staff	<ul style="list-style-type: none">• Logged in successfully• View invoice and complete invoice details	Admin, Staff		

Use case: View bill in PDF		ID: UC-28		Priority: Maybe not	
Actor: Admin, Staff, Manager					
Description: <ul style="list-style-type: none">• User can view invoices in pdf format					
Triggers: <ul style="list-style-type: none">• User view invoice in pdf format					
Preconditions: <ul style="list-style-type: none">• The device needs to have an internet connection.• Successfully logged in with admin or staff account					
Normal Course: 1. Log in to the system with an admin or staff account 2. View invoices in pdf format		Information of steps: 1.1 Account authentication system 1.2 Return login results 2.1 User selects invoice to view 2.2 Display invoices in pdf format			
Postconditions: <ul style="list-style-type: none">• View invoices in pdf format					
Input Source		Outputs Destination			
<ul style="list-style-type: none">• Log in to the system• View invoices in pdf format	Admin, Staff	<ul style="list-style-type: none">• Logged in successfully• View invoices in complete pdf format	Admin, Staff		

Use case: Print bill		ID: UC-29		Priority: Must have	
Actor: Admin, Staff, Manager					
Description: <ul style="list-style-type: none">• User can print invoice					
Triggers: <ul style="list-style-type: none">• User prints invoice					
Preconditions: <ul style="list-style-type: none">• The device needs to have an internet connection.• There is a printing device.• Successfully logged in with admin or staff account					
Normal Course: <ul style="list-style-type: none">1. Log in to the system with an admin or staff account2. Print invoice		Information of steps: <ul style="list-style-type: none">1.1 Account authentication system1.2 Return login results2.1 User chooses to print invoice2.2 Invoices are printed			
Postconditions: <ul style="list-style-type: none">• Print invoice					
Input Source		Outputs Destination			
<ul style="list-style-type: none">• Log in to the system• Print invoice	Admin, Staff	<ul style="list-style-type: none">• Logged in successfully• Print invoice successfully	Admin, Staff		

Use case: View bill list		ID: UC-30		Priority: Must have	
Actor: Admin, Staff, Manager					
Description: <ul style="list-style-type: none">• User can view list of invoices					
Triggers: <ul style="list-style-type: none">• The user views a list of invoices					
Preconditions: <ul style="list-style-type: none">• The device needs to have an internet connection.• Successfully logged in with admin or staff account					
Normal Course: <ul style="list-style-type: none">1. Log in to the system with an admin or staff account2. View list of bills		Information of steps: <ul style="list-style-type: none">1.1 Account authentication system1.2 Return login results2.1 View a list of invoices			
Postconditions: <ul style="list-style-type: none">• View list of bills					
Input Source		Outputs Destination			
<ul style="list-style-type: none">• Log in to the system• View list of bills	Admin, Staff	<ul style="list-style-type: none">• Logged in successfully• View a list of completed invoices	Admin, Staff		

Use case: Filter by date		ID: UC-31		Priority: Maybe not	
Actor: Admin, Staff, Manager					
Description: <ul style="list-style-type: none">• User can sort invoices by date					
Triggers: <ul style="list-style-type: none">• User sort invoices by date					
Preconditions: <ul style="list-style-type: none">• The device needs to have an internet connection.• Successfully logged in with admin or staff account					
Normal Course:		Information of steps:			
1. Log in to the system with an admin or staff account		1.1 Account authentication system			
		1.2 Return login results			
2. Sort invoices by date		2.1 Sort invoices by date			
		2.2 Display the list of sorted invoices			
Postconditions: <ul style="list-style-type: none">• Sort invoices by date					
Input Source		Outputs Destination			
<ul style="list-style-type: none">• Log in to the system• Sort invoices by date	Admin, Staff	<ul style="list-style-type: none">• Logged in successfully• Sort invoices by success date	Admin, Staff		

Use case: Change order by ID		ID: UC-32		Priority: Maybe not	
Actor: Admin, Staff, Manager					
Description: <ul style="list-style-type: none">• User can change the order of invoices by their ID					
Triggers: <ul style="list-style-type: none">• User changes order of invoices					
Preconditions: <ul style="list-style-type: none">• The device needs to have an internet connection.• Successfully logged in with admin or staff account					
Normal Course: 1. Log in to the system with an admin or staff account 2. Change the order of invoices		Information of steps: 1.1 Account authentication system 1.2 Return login results 2.1 Change order 2.2 Display the list of invoices after changing the order			
Postconditions: <ul style="list-style-type: none">• Change the order of invoices					
Input Source		Outputs Destination			
<ul style="list-style-type: none">• Log in to the system• Change the order of invoices	Admin, Staff	<ul style="list-style-type: none">• Logged in successfully• Change the order of successful invoices	Admin, Staff		

Use case: Manage category		ID: UC-33		Priority: Must have	
Actor: Admin, Manager					
Description: <ul style="list-style-type: none">• Users can manage product categories by operations					
Triggers: <ul style="list-style-type: none">• Users manage product categories					
Preconditions: <ul style="list-style-type: none">• The device needs to have an internet connection.• Successfully logged in with admin or staff account					
Normal Course:		Information of steps:			
1. Log in to the system with an admin or staff account		1.1 Account authentication system			
2. Manage product categories		1.2 Return login results			
		2.1 Operations on product catalogs			
		2.2 Display of product categories			
Postconditions: <ul style="list-style-type: none">• Manage product categories					
Input Source		Outputs Destination			
<ul style="list-style-type: none">• Log in to the system• Manage product categories	Admin, Staff	<ul style="list-style-type: none">• Logged in successfully• Change the order of successful invoices	Admin, Staff		

Use case: View category		ID: UC-34		Priority: Must have	
Actor: Admin, Manager					
Description: <ul style="list-style-type: none">• Users can view product categories					
Triggers: <ul style="list-style-type: none">• Users view product categories					
Preconditions: <ul style="list-style-type: none">• The device needs to have an internet connection.• Successfully logged in with admin or staff account					
Normal Course:		Information of steps:			
1. Log in to the system with an admin or staff account		1.1 Account authentication system			
		1.2 Return login results			
2. View product categories		2.1 Show product categories			
Postconditions: <ul style="list-style-type: none">• View product categories					
Input Source		Outputs Destination			
<ul style="list-style-type: none">• Log in to the system• View product categories	Admin, Staff	<ul style="list-style-type: none">• Logged in successfully• View complete product catalogs	Admin, Staff		

Use case: Edit category		ID: UC-35		Priority: Must have	
Actor: Admin, Manager					
Description: <ul style="list-style-type: none">• Users can edit product categories.					
Triggers: <ul style="list-style-type: none">• User edits product categories					
Preconditions: <ul style="list-style-type: none">• The device needs to have an internet connection.• Successfully logged in with admin or staff account					
Normal Course: 1. Log in to the system with an admin or staff account 2. Edit product categories		Information of steps: 1.1 Account authentication system 1.2 Return login results 2.1 Show product categories 2.2 Editing categories 2.3 Modification recording system			
Postconditions: <ul style="list-style-type: none">• Edit product categories					
Input Source		Outputs Destination			
<ul style="list-style-type: none">• Log in to the system• Edit product categories	Admin, Staff	<ul style="list-style-type: none">• Logged in successfully• Edit successful product categories	Admin, Staff		

Use case: Delete category		ID: UC-36		Priority: Must have	
Actor: Admin, Manager					
Description: <ul style="list-style-type: none">• User can delete product categories					
Triggers: <ul style="list-style-type: none">• User deletes product categories					
Preconditions: <ul style="list-style-type: none">• The device needs to have an internet connection.• Successfully logged in with admin or staff account					
Normal Course: 1. Log in to the system with an admin or staff account 2. Delete product categories		Information of steps: 1.1 Account authentication system 1.2 Return login results 2.1 Show product categories 2.2 Delete categories 2.3 Modification recording system			
Postconditions: <ul style="list-style-type: none">• Delete product categories					
Input Source		Outputs Destination			
<ul style="list-style-type: none">• Log in to the system• Delete product categories	Admin, Staff	<ul style="list-style-type: none">• Logged in successfully• Delete product categories successfully	Admin, Staff		

Use case: Add new product		ID: UC-37		Priority: Must have	
Actor: Admin, Manager					
Description: <ul style="list-style-type: none">• Users can add new products to the system.					
Triggers: <ul style="list-style-type: none">• Users add new products					
Preconditions: <ul style="list-style-type: none">• The device needs to have an internet connection.• Successfully logged in with admin or staff account					
Normal Course: 1. Log in to the system with an admin or staff account 2. More new products		Information of steps: 1.1 Account authentication system 1.2 Return login results 2.1 Show products 2.2 Add new products 2.3 Modification recording system			
Postconditions: <ul style="list-style-type: none">• More new products					
Input Source		Outputs Destination			
<ul style="list-style-type: none">• Log in to the system• More new products	Admin, Staff	<ul style="list-style-type: none">• Logged in successfully• More successful new products	Admin, Staff		

Use case: Update product		ID: UC-38		Priority: Must have	
Actor: Admin, Manager					
Description: <ul style="list-style-type: none">• Users can update product information on the system					
Triggers: <ul style="list-style-type: none">• Users update product information					
Preconditions: <ul style="list-style-type: none">• The device needs to have an internet connection.• Successfully logged in with admin or staff account					
Normal Course: 1. Log in to the system with an admin or staff account 2. Update product information		Information of steps: 1.1 Account authentication system 1.2 Return login results 2.1 Show products 2.2 Update product information 2.3 Modification recording system			
Postconditions: <ul style="list-style-type: none">• Update product information					
Input Source		Outputs Destination			
<ul style="list-style-type: none">• Log in to the system• Update product information	Admin, Staff	<ul style="list-style-type: none">• Logged in successfully• Update the information of the product successfully	Admin, Staff		

Use case: View product		ID: UC-39		Priority: Must have	
Actor: Admin, Manager					
Description: <ul style="list-style-type: none">• Users can view product information on the system					
Triggers: <ul style="list-style-type: none">• Users view the information of the product					
Preconditions: <ul style="list-style-type: none">• The device needs to have an internet connection.• Successfully logged in with admin or staff account					
Normal Course:		Information of steps:			
1. Log in to the system with an admin or staff account		1.1 Account authentication system			
2. View product information		1.2 Return login results			
		2.1 Show products			
Postconditions: <ul style="list-style-type: none">• View product information					
Input Source		Outputs Destination			
<ul style="list-style-type: none">• Log in to the system• View product information	Admin, Staff	<ul style="list-style-type: none">• Logged in successfully• View the information of the finished product	Admin, Staff		

Use case: Edit product		ID: UC-40		Priority: Must have	
Actor: Admin, Manager					
Description: <ul style="list-style-type: none">• Users can edit product information on the system					
Triggers: <ul style="list-style-type: none">• User edits product information					
Preconditions: <ul style="list-style-type: none">• The device needs to have an internet connection.• Successfully logged in with admin or staff account					
Normal Course:		Information of steps:			
1. Log in to the system with an admin or staff account		1.1 Account authentication system			
		1.2 Return login results			
2. Edit product information		2.1 Show products			
		2.2 Editing product information			
		2.3 Modification recording system			
Postconditions: <ul style="list-style-type: none">• Edit product information					
Input Source		Outputs Destination			
<ul style="list-style-type: none">• Log in to the system• Edit product information	Admin, Staff	<ul style="list-style-type: none">• Logged in successfully• Edit product information	Admin, Staff		

Use case: Delete product		ID: UC-41		Priority: Must have	
Actor: Admin, Manager					
Description: <ul style="list-style-type: none">• Users can delete product information on the system					
Triggers: <ul style="list-style-type: none">• The user deletes the information of the product					
Preconditions: <ul style="list-style-type: none">• The device needs to have an internet connection.• Successfully logged in with admin or staff account					
Normal Course: 1. Log in to the system with an admin or staff account 2. Delete product information		Information of steps: 1.1 Account authentication system 1.2 Return login results 2.1 Show products 2.2 Deleting products 2.3 Modification recording system			
Postconditions: <ul style="list-style-type: none">• Delete product information					
Input Source		Outputs Destination			
<ul style="list-style-type: none">• Log in to the system• Delete product information	Admin, Staff	<ul style="list-style-type: none">• Logged in successfully• Delete the information of the product successfully	Admin, Staff		

Use case: Verify user		ID: UC-42		Priority: Must have	
Actor: Admin					
Description: <ul style="list-style-type: none">• Users can authenticate users and assign permissions when they create new accounts or change passwords					
Triggers: <ul style="list-style-type: none">• User confirms account					
Preconditions: <ul style="list-style-type: none">• The device needs to have an internet connection.• Login successfully with admin account					
Normal Course: 1. Log in to the system with an admin account 2. Verify account		Information of steps: 1.1 Account authentication system 1.2 Return login results 2.1 Account confirmation			
Postconditions: <ul style="list-style-type: none">• Verify account					
Input Source		Outputs Destination			
<ul style="list-style-type: none">• Log in to the system• Verify account	Admin	<ul style="list-style-type: none">• Logged in successfully• Account confirmation successful	Admin		

Use case: Search sign up request		ID: UC-43		Priority: Must have	
Actor: Admin					
Description: <ul style="list-style-type: none">• Users can search for new account creation requirements					
Triggers: <ul style="list-style-type: none">• Users looking for requests to create a new account					
Preconditions: <ul style="list-style-type: none">• The device needs to have an internet connection.• Login successfully with admin account					
Normal Course:		Information of steps:			
1. Log in to the system with an admin account		1.1 Account authentication system			
		1.2 Return login results			
2. Look for requests to create a new account		2.1 Enter request			
		2.2 Return search results			
Postconditions: <ul style="list-style-type: none">• Verify account					
Input Source		Outputs Destination			
<ul style="list-style-type: none">• Log in to the system• Look for requests to create a new account	Admin	<ul style="list-style-type: none">• Logged in successfully• Searching for successful new account creation requests	Admin		

Use case: View request list		ID: UC-44		Priority: Must have	
Actor: Admin					
Description: <ul style="list-style-type: none">• User can see the list of requests sent to the system					
Triggers: <ul style="list-style-type: none">• User view list of requests					
Preconditions: <ul style="list-style-type: none">• The device needs to have an internet connection.• Login successfully with admin account					
Normal Course:		Information of steps:			
1. Log in to the system with an admin account		1.1 Account authentication system			
2. See list of requests		1.2 Return login results			
		2.1 Display the list of requirements available on the system			
Postconditions: <ul style="list-style-type: none">• See list of requests					
Input Source		Outputs Destination			
<ul style="list-style-type: none">• Log in to the system• See list of requests	Admin	<ul style="list-style-type: none">• Logged in successfully• See the list of completions	Admin		