

**Project Name:** Q-medic

### Test Case Template

**Test Case ID:** T001

**Test Designed by:** WeeWoo group

**Test Priority (Low/Medium/High):** Medium

**Test Designed date:** 24/11/2025

**Module Name:** Search and Filtering inventory

**Test Executed by:** Chananphimon and Sakhunich

**Test Title:** Search valid item keyword without filter

**Test Execution date:** 24/11/2025

**Description:** Test the search and filtering function when user search for a valid item without filtering

**Pre-conditions:** User has successfully logged in to the system and at the search bar and user has navigated to Inventory page.

**Dependencies:** -

#### Condition: Happy Case

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Navigate to inventory page	http://localhost:8081/inventory	Inventory page loads with all items displayed	<ul style="list-style-type: none"><li>- Epinephrine Auto-Injector</li><li>- Morphine 10mg</li><li>- Aspirin 325mg</li><li>- Defibrillator AED</li><li>- Blood Pressure Monitor</li><li>- Gauze Pads 4x4</li><li>- Medical Gloves (Box)</li></ul>	Pass	
2	Input a valid search query	MED001	Epinephrine Auto-Injector	Epinephrine Auto-Injector	Pass	

**Post-Condition:** The system displayed and returned items correctly according to the search query.

## Test Case Template

**Test Case ID:** T002

**Test Designed by:** WeeWoo group

**Test Priority (Low/Medium/High):** Medium

**Test Designed date:** 24/11/2025

**Module Name:** Search and Filtering

**Test Executed by:** Chananphimon and Sakhunich

**Test Title:** Search a valid item by using only filter

**Test Execution date:** 24/11/2025

**Description:** Test the search and filtering function when user search for a valid item by using only the filter without search query

**Pre-conditions:** User has successfully logged in to the system and at the search bar and user has navigated to Inventory page.

**Dependencies:** -

### Condition: Happy Case

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Select the valid filter without search query	Search Query : "" Location Filter: Ambulance 1 Expiry Filter: Expiring Soon	Epinephrine Auto-Injector	Epinephrine Auto-Injector	Pass	

**Post-conditions:** The system displayed and returned items correctly according to the search query.

## Test Case Template

**Test Case ID:** T003

**Test Designed by:** WeeWoo group

**Test Priority (Low/Medium/High):** Medium

**Test Designed date:** 24/11/2025

**Module Name:** Search and Filtering

**Test Executed by:** Chananphimon and Sakhunich

**Test Title:** Search a valid item keyword with filter

**Test Execution date:** 24/11/2025

**Description:** Test the search and filtering function when user search for a valid item with filtering

**Pre-conditions:** User has successfully logged in to the system and at the search bar and user has navigated to Inventory page.

**Dependencies:** -

### Condition: Happy Case

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Input a valid search query and select all three filters.	Search Query : "EQP002" Category Filter: Equipment Location Filter: Ambulance 2 Expiry Filter: Expired	Blood Pressure Monitor	Blood Pressure Monitor	Pass	
2	Input a valid search query and select all three filters.	Search Query : "Cabinet" Category Filter: Supplies Location Filter: Cabinet 3 Expiry Filter: Expiring Soon	- Gauze Pads - Medical Gloves	- Gauze Pads - Medical Gloves	Pass	
3	Input a valid search query and select two filters.	Search Query : "Cabinet" Category Filter: Supplies Location Filter: Storage Room A	- Gauze Pads - Medical Gloves	- Gauze Pads - Medical Gloves	Pass	
4	Input a valid search	Search Query : "EQP001"	Defibrillator AED	Defibrillator AED	Pass	

	query and select two filters.	Category Filter: Equipment Location Filter: Storage Room A				
5	Input a valid search query and select only 1 filter.	Search Query : "Defibrillator" Category Filter: Equipment	Defibrillator AED	Defibrillator AED	Pass	
6	Input a valid search query and select only 1 filter.	Search Query : "Storage" Category Filter: Equipment	- Defibrillator AED - Blood Pressure Monitor	- Defibrillator AED - Blood Pressure Monitor	Pass	

**Post-conditions:** The system displayed and returned items correctly according to the search query.

## Test Case Template

**Test Case ID:** T004

**Test Designed by:** WeeWoo group

**Test Priority (Low/Medium/High):** Medium

**Test Designed date:** 24/11/2025

**Module Name:** Search and Filtering

**Test Executed by:** Chananphimon and Sakhunich

**Test Title:** Search an item with invalid filter

**Test Execution date:** 24/11/2025

**Description:** Test the search and filtering function when user search an item with invalid filter

**Pre-conditions:** User has successfully logged in to the system and at the search bar and user has navigated to Inventory page.

**Dependencies:** -

### Condition: Unhappy Case

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Select the filters that do not match with the item and did not provide a search query	Search Query : "" Category Filter: Medication Location Filter: Cabinet 3 Expiry Filter: Expired	No Item found	No Item found	Pass	
2	Select the filters that do not match with the item and did not provide a search query	Search Query : "" Category Filter: Equipment Location Filter: Storage Room A Expiry Filter: Expiring Soon	No Item found	No Item found	Pass	
3	Select the filters that	Search Query : ""	No Item found	No Item found	Pass	

	do not match with the item and did not provide a search query	Category Filter: Supplies Location Filter: Ambulance 2 Expiry Filter: Expired				
4	Input a valid search query and select the filters that do not match with the item	Search Query : "Morphine" Category Filter: Medication Location Filter: Ambulance 1 Expiry Filter: Expiring Soon	No Item found	No Item found	Pass	
5	Input a valid search query and select the filters that do not match with the item	Search Query : "SUP001" Category Filter: Supplies Location Filter: Ambulance 1 Expiry Filter: Expiring Soon	No Item found	No Item found	Pass	
6	Input a valid search query and select the filters that do not match with the item	Search Query : "Ambulance" Location Filter: Ambulance 2 Expiry Filter: Expired	No Item found	No Item found	Pass	
7	Input a valid search query and select the filters that do not match with the item	Search Query : "Gloves" Category Filter: Supplies Location Filter: Cabinet 3 Expiry Filter: Expired	No Item found	No Item found	Pass	
8	Input a valid search query and select the filters that do not match with the item	Search Query : "Ambulance 1" Category Filter: Medication Location Filter: Ambulance 1 Expiry Filter: Expiring Soon	No Item found	No Item found	Pass	
9	Input a valid search query and select the filters that do not match with the item	Search Query : "Blood" Location Filter: Storage Room A Expiry Filter: Expiring Soon	No Item found	No Item found	Pass	
10	Input a valid search	Search Query : "MED002"	No Item found	No Item found	Pass	

	query and select the filters that do not match with the item	Category Filter: Medication Location Filter: Cabinet 3 Expiry Filter: Expired				
11	Input a valid search query and select the filters that do not match with the item	Search Query : "Morphine" Category Filter: Medication Location Filter: Ambulance 2 Expiry Filter: Expired	No Item found	No Item found	Pass	

**Post-conditions:** The system correctly displays an error message or shows all items if the search is blank.