Project Name: Q-medic

Test Case Template

Test Case ID: T005

Test Designed by: WeeWoo group

Test Priority (Low/Medium/High): High

Test Designed date: 24/11/2025

Module Name: Fast Scanning

Test Executed by: Peteingthanin and Pakjira

Test Title: Check in and Check out alerts with manual entry

Test Execution date: 24/11/2025

Description: Test the notification alerts of fast scanning function when the user manually enters the item code for valid and invalid codes.

Pre-conditions: User has successfully logged in to the system and navigated to the Scan Page.
Dependencies: –

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Enter a valid item code in the Check-in section	MED001	The system notifies "Logged action for item: MED001 (Check In, Quantity 1)"	"Logged action for item: MED001 (Check In, Quantity 1)"	Pass	
2	Enter an invalid item code in the Check-in section	XYZ	The system notifies "Invalid QR code: "XYZ". Please scan or enter a valid code."	"Invalid QR code: "XYZ". Please scan or enter a valid code."	Pass	
3	Enter a valid item code in the Check-out section	MED001	The system notifies "Logged action for item: MED001 (Check Out, Quantity 1)"	"Logged action for item: MED001 (Check Out, Quantity 1)"	Pass	
4	Enter an invalid item code in the Check-out section	XYZ	The system notifies "Invalid QR code:	"Invalid QR code: "XYZ". Please scan or	Pass	

			"XYZ". Please scan or enter a valid code."	enter a valid code."		
5	Enter a valid item code, but the item is out of stock in the Check-out section	SUP002	The system notifies "Action failed: Item 'Medical Gloves (Box)' is out of stock."	"Action failed: Item 'Medical Gloves (Box)' is out of stock."	Pass	

Post-Condition: The user has received a confirmation or error alert indicating the status of the action.

Pre-conditions: User navigated to the Scan Page.

Check-in & Valid Code

1. **Enter valid barcode**
2. **Click Submit Scan**

Check-in & Invalid Code

1. **Enter invalid barcode**
2. **Click Submit Scan**

Check-out & Valid Code

1. **Click "Check Out" Button**
2. **Enter valid barcode**
3. **Click Submit Scan**

Check-out & Invalid Code

1. **Click "Check Out" Button**
2. **Enter invalid barcode**
3. **Click Submit Scan**

Check-out & Valid Code & Out of Stock

1. **Click "Check Out" Button**
2. **Enter valid barcode**
3. **Click Submit Scan**