

Test Case Planning

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1. Use Case 1 - Maintain Medicine

Test Case ID	TC01
Test Objective	Create a Medication Record
Preconditions	User Account Created
Test steps	<ol style="list-style-type: none">1. Click Add Medication2. Enter fields with valid data<ol style="list-style-type: none">a. Always Required Fields, Optional Fields (see details at the end of this file)3. Submit
Input Values	Sample Medication 1, Daily dosage of 120mg, 2 tablets
Expected results	<ul style="list-style-type: none">• Medication is successfully added to the user's medication list.• User's session should still be active

Test Case ID	TC02
Test Objective	Read a Medication Record
Preconditions	User account created
Test steps	<ol style="list-style-type: none">1. Log into your medical account2. Main menu tells you your medications/med records
Input Values	N/A
Expected results	Medication is created and you can see the medication in your list

Test Case ID	TC03
Test Objective	Update a Medication Record (Good Input)
Preconditions	User Account Created. At least one medication exists in user's medication list.
Test steps	<ol style="list-style-type: none">1. Click edit2. Update a field with a valid input3. Click save

Input Values	Change existing name, dosage, etc
Expected results	Medication is updated with changes.

Test Case ID	TC04-1
Test Objective	Delete a Medication Record
Preconditions	User Account Created. At least one medication exists in user's medication list.
Test steps	1. User clicks delete 2. User confirms delete
Input Values	N/A
Expected results	Medication is permanently removed from the user's medication list.

Test Case ID	TC04-2
Test Objective	Deactivate a Medication Record
Preconditions	User Account Created. At least one medication exists in user's medication list.
Test steps	1. User clicks delete 2. User confirms deactivate
Input Values	N/A
Expected results	Medication is removed from the user's current medication list, appearing as inactive.

Medication

Always Required Fields:

Medication Name — Name of the medication

Strength — Both:

Strength amount (numeric value, must be > 0)

Strength unit (mg, g, ml, tablets, capsules, puffs, units)

Dosage — Both:

Quantity (how many units to take, defaults to 1)

Form (tablet, capsule, liquid, injection, inhaler, patch, cream)

Frequency Type — One of: daily, weekly, as_needed, custom

Start Date — When to start taking the medication

Conditionally Required (Based on Frequency Type):

Daily frequency: "Times Per Day" must be specified (and > 0)

Weekly frequency: At least one "Day of Week" must be selected

Optional Fields:

Generic Name

Instructions

Notes

End Date

Refill Date

Time of Day

Side Effects

Active Status (defaults to true)