

## Test Case Planning

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### 1. Use Case 1 - Maintain Medicine

<b>Test Case ID</b>	<b>TC01 - 1 Create Medication Record Page - Accepts: (Good Input &gt; Good Output)</b>
<b>Test Objective</b>	<b>Create a Medication Record</b>
<b>Preconditions</b>	User Account Created
<b>Test steps</b>	<ol style="list-style-type: none"><li>1. Click Add Medication</li><li>2. Enter fields with valid data<ol style="list-style-type: none"><li>a. &lt;Fields go here&gt;</li></ol></li><li>3. Submit</li></ol>
<b>Input Values</b>	<Valid inputs here>
<b>Expected results</b>	<ul style="list-style-type: none"><li>• Medication is successfully added to the user's medication list.</li><li>• User's session should still be active</li></ul>

<b>Test Case ID</b>	<b>TC01 - 2 (Bad Input &gt; Error Handling)</b>
<b>Test Objective</b>	<b>Create a Medication Record</b>
<b>Preconditions</b>	User Account Created
<b>Test steps</b>	<ol style="list-style-type: none"><li>1. Click Add Medication</li><li>2. User enters fields with invalid data<ol style="list-style-type: none"><li>a. name, dosage, freq etc.</li></ol></li><li>3. Click submit</li></ol>
<b>Input Values</b>	<Invalid inputs here>
<b>Expected results</b>	<ul style="list-style-type: none"><li>• After clicking submit, the user should encounter an "Invalid Medication Input" message</li><li>• User should be allowed to reenter data into fields immediately after and remain on medication record screen</li></ul>

<b>Test Case ID</b>	<b>TC01 - 3 (Required Fields - No Error)</b>
<b>Test Objective</b>	<b>Create a Medication Record</b>
<b>Preconditions</b>	User Account Created
<b>Test steps</b>	<ol style="list-style-type: none"><li>4. Click Add Medication</li><li>5. Enter fields with valid data only in required fields<ol style="list-style-type: none"><li>a. &lt;Fields go here&gt;</li></ol></li></ol>

	6. Submit
<b>Input Values</b>	<Valid required fields go here>
<b>Expected results</b>	Medication is successfully created and added to the user's medication list.

<b>Test Case ID</b>	<b>TC01 - 4 (Required Fields - Error)</b>
<b>Test Objective</b>	<b>Create a Medication Record</b>
<b>Preconditions</b>	User Account Created
<b>Test steps</b>	<ol style="list-style-type: none"> <li>1. Click Add Medication</li> <li>2. Enter fields, skipping one or more required fields <ol style="list-style-type: none"> <li>a. &lt;Fields go here&gt;</li> </ol> </li> <li>3. Submit</li> </ol>
<b>Input Values</b>	<Valid required fields go here>
<b>Expected results</b>	Medication is not created. User views error prompt to fill required fields.

<b>Test Case ID</b>	<b>TC02</b>
<b>Test Objective</b>	<b>Read a Medication Record</b>
<b>Preconditions</b>	User account created
<b>Test steps</b>	<ol style="list-style-type: none"> <li>1. Log into your medical account</li> <li>2. Main menu tells you your medications/med records</li> </ol>
<b>Input Values</b>	<just reads off your medications for you to view>/<medlist>
<b>Expected results</b>	Medication is created and you can see the following meds in your medlist

<b>Test Case ID</b>	<b>TC03 -1</b>
<b>Test Objective</b>	<b>Update a Medication Record (Good Input)</b>
<b>Preconditions</b>	User Account Created. At least one medication exists in user's medication list.
<b>Test steps</b>	<ol style="list-style-type: none"> <li>1. Click edit</li> <li>2. Update a field with a valid input</li> <li>3. Click save</li> </ol>
<b>Input Values</b>	<Valid input goes here>
<b>Expected results</b>	Medication is updated with changes.

<b>Test Case ID</b>	<b>TC03 - 2 (Bad Input)</b>
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<b>Test Objective</b>	<b>Update a Medication Record</b>
<b>Preconditions</b>	User Account Created. At least one medication exists in the user's medication list.
<b>Test steps</b>	<ol style="list-style-type: none"> <li>1. Click edit</li> <li>2. Update a field with an invalid input</li> <li>3. Click save</li> </ol>
<b>Input Values</b>	<Invalid input goes here>
<b>Expected results</b>	Medication is not created. User views error prompt to correct related field input/s.

<b>Test Case ID</b>	<b>TC03 - 3 (Required vs Optional)</b>
<b>Test Objective</b>	<b>Update a Medication Record</b>
<b>Preconditions</b>	User Account Created. At least one medication exists in user's medication list.
<b>Test steps</b>	<ol style="list-style-type: none"> <li>1. Click edit</li> <li>2. Update a field with an invalid input</li> <li>3. Click save</li> </ol>
<b>Input Values</b>	<Input with required field left empty>
<b>Expected results</b>	Medication is not created. User views error prompt to enter required field input/s.

<b>Test Case ID</b>	<b>TC04</b>
<b>Test Objective</b>	<b>Delete a Medication Record</b>
<b>Preconditions</b>	User Account Created. At least one medication exists in user's medication list.
<b>Test steps</b>	<ol style="list-style-type: none"> <li>1. User clicks delete</li> <li>2. User confirms delete</li> </ol>
<b>Input Values</b>	N/A
<b>Expected results</b>	Medication is permanently removed from the user's medication list.

<b>Test Case ID</b>	<b>TC04</b>
<b>Test Objective</b>	<b>Deactivate a Medication Record</b>
<b>Preconditions</b>	User Account Created. At least one medication exists in user's medication list.
<b>Test steps</b>	<ol style="list-style-type: none"> <li>1. User clicks delete</li> <li>2. User confirms deactivate</li> </ol>
<b>Input Values</b>	N/A
<b>Expected results</b>	Medication is removed from the user's current medication list, appearing as inactive.