

Test Case Planning

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1. Use Case 2 - Medicine Notification

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| Test Case ID | TC01 |
| Test Objective | Take Medication Reminder at Provided Time |
| Preconditions | <ul style="list-style-type: none"> ● User Account Created ● At least one medication exists in user's medication list where user provided medication time |
| Test steps | <ol style="list-style-type: none"> 1. View notification appear at time provided by user. 2. Verify medication time, dose, and time is accurate. |
| Input Values | N/A: Reminder time provided in Create/Edit Medication flow. |
| Expected results | <ul style="list-style-type: none"> ● Notification is successfully displayed with reminder including Medication Name, Dosage, and Time ● User will receive reminder at inputted time |

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| Test Case ID | TC02 |
| Test Objective | Take Medication Reminder at Default Time (Not Provided) |
| Preconditions | <ul style="list-style-type: none"> ● User account created ● At least one medication exists in user's medication list. |
| Test steps | <ol style="list-style-type: none"> 1. View notification appear at the default time of 9:00 EST. 2. Verify medication time, dose, and time is accurate. |
| Input Values | N/A |
| Expected results | <ul style="list-style-type: none"> ● Notification is successfully displayed with reminder including Medication Name, Dosage, and Time ● User will receive reminder at the default time |

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| Test Case ID | TC03 |
| Test Objective | Snooze a Medication Reminder |
| Preconditions | <ul style="list-style-type: none"> ● User Account Created. ● At least one medication exists in the user's medication list. |
| Test steps | <ol style="list-style-type: none"> 1. Click Snooze 2. View Medication again according to the snooze interval settings. |
| Input Values | N/A |
| Expected results | <ul style="list-style-type: none"> ● The medication reminder is snoozed. ● Notification alerts again at default snooze time |

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| Test Case ID | TC04 |
| Test Objective | Dismiss Notification for Medication / Mark Medicine Taken for the day |
| Preconditions | <ul style="list-style-type: none"> • User Account Created. • At least one medication exists in the user's medication list. |
| Test steps | 1. User clicks "Medicine Taken" on notification pop-up |
| Input Values | N/A |
| Expected results | <ul style="list-style-type: none"> • Notification is removed from screen • Medicine notification disabled for that medication until the following day |

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| Test Case ID | TC05 |
| Test Objective | Refill Reminder Notification |
| Preconditions | <ul style="list-style-type: none"> • User Account Created. • At least one medication exists in the user's medication list with a refill date provided. • User's medication refill date is within a reminder window (default is 1 day prior) |
| Test steps | 1. View a reminder at the default reminder window |
| Input Values | N/A |
| Expected results | <ul style="list-style-type: none"> - User is notified to refill a medication at the specified time prior to the refill date (days/weeks/months prior) |

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| Test Case ID | TC06 |
| Test Objective | Snooze a Refill Reminder |
| Preconditions | <ul style="list-style-type: none"> • User Account Created. • At least one medication exists in the user's medication list with a refill date provided. • User's medication refill date is within a reminder window (default is 1 day prior) |
| Test steps | <ol style="list-style-type: none"> 1. Click Snooze 2. View Refill notification again according to the snooze interval settings. |
| Input Values | N/A |
| Expected results | <ul style="list-style-type: none"> • The refill reminder is snoozed. • Notification alerts again at default snooze time |

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| Test Case ID | TC07 |
| Test Objective | Dismiss Notification for Medication Refill / Medication Refilled |
| Preconditions | <ul style="list-style-type: none"> • User Account Created. • At least one medication exists in the user's medication list. • Refill reminder has been sent out |
| Test steps | 1. User clicks "I've Refilled my Medicine" on notification pop-up |
| Input Values | N/A |

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| Expected results | - User's medication refills to originally inputted total amount(100%) |
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| Test Case ID | TC08 |
| Test Objective | Update System Default for Notification Time |
| Preconditions | <ul style="list-style-type: none"> ● User account created |
| Test steps | <ol style="list-style-type: none"> 1. Navigate to Account 2. Update Setting for Default Notification Time 3. Click Save Settings. |
| Input Values | default time in HH:MM |
| Expected results | <ul style="list-style-type: none"> ● Default notification time is updated. ● User will receive a reminder at the default time for medications that do not have a preferred time provided. (Medications with times included will still appear at those specific times) |

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| Test Case ID | TC09 |
| Test Objective | Update System Default for Snooze Duration |
| Preconditions | <ul style="list-style-type: none"> ● User account created |
| Test steps | <ol style="list-style-type: none"> 1. Navigate to Account 2. Update Setting for Snooze Duration in minutes 3. Click Save Settings |
| Input Values | default time in HH:MM |
| Expected results | <ul style="list-style-type: none"> ● Default notification time is updated. ● User will receive reminder at the default time for medications that do not have a preferred time provided. (Medications with times included will still appear at those specific times) |

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| Test Case ID | TC10 |
| Test Objective | Update System Default for Refill Notification (Number of Days Prior) |
| Preconditions | <ul style="list-style-type: none"> ● User account created |
| Test steps | <ol style="list-style-type: none"> 4. Navigate to Account 5. Update Setting for Refill Reminder Days Before 6. Click Save Settings |
| Input Values | int for number of days |

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| Expected results | <ul style="list-style-type: none">• Default refill reminder days is updated.• User will receive reminder at the default window for refills. |
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