

Test Case Planning

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1. Use Case 1

Test Case ID	TC01 -
Test Objective	Set a successful timer that goes off at the specified time
Preconditions	a user's account is created and they are logged in
Test steps	1. enter 1 to add medication reminder 2. enter 1 to add a medicine 3. enter a medication name 4. enter 1 to add a timer for the medication 5. enter a time (do one minute ahead of the current time) 6. listen for the alarm sound
Input Values	menu inputs, medication name, timer time
Expected results	the medication is added to the user's medication list, and an alarm will go off at the input time

Test Case ID	TC02 -
Test Objective	block invalid times for a timer
Preconditions	a user account is created, and they added a medication
Test steps	1. input to add a timer 2. input the ID of the medication 3. input a time in an invalid format (ex 13:60PM) 4. Enter a valid time format
Input Values	3, medication ID(0), Timer time (13:60PM)
Expected results	the program will prompt the user to input a proper time

Test Case ID	TC03 -
Test Objective	remove a timer to a medication
Preconditions	a user account has been created, and they have added a timer
Test steps	<ol style="list-style-type: none">1. enter 1 to add medicine reminder2. enter 4 to remove a timer3. input the ID of the medication4. input the ID of the timer5. enter 5 to view all timers
Input Values	1, 4, medication ID, timer ID, 5
Expected results	the time will be removed from the medication's list of timers

Test Case ID	TC04 -
Test Objective	remove a medication from the medication list
Preconditions	a user account has been created, and a medication has been added
Test steps	<ol style="list-style-type: none">1. input to remove a medication2. input the ID of the medication to remove
Input Values	medication ID
Expected results	The medication will be taken off the list of medications