



TEST SET

Multiplication Tests

Project Name: **Calculator**

Issue: [CAL-5](#)

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 **CONFIDENTIAL**



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1. Introduction

1.1. Document Overview

This Test Report provides a summary of a test set. This document has been generated automatically from the test management platform.

1.2. Test Set Description

Multiplication Tests



2. Tests

2.1. Test CAL-24

2.1.1. Test Summary

Multiply Two Positive numbers

2.1.2. Test Description

Multiply Two Positive Integers

2.1.3. Pre-Condition(s)

Key	CAL-10
Summary	User is on the calculator page
Definition	Given User is on the calculator page

2.1.4. Requirement(s) linked with this test

Is not associated to Requirements.

2.1.5. Test Procedure

Test Type	Cucumber									
Scenario	<p># Multiply Two Positive numbers</p> <p>When User enters "first_number"</p> <p>And User presses "*"</p> <p>And User enters "second_number"</p> <p>And User presses "="</p> <p>Then the display shows "result_number"</p> <p>Examples:</p> <table><tr><th>first_number</th><th>second_number</th><th>result</th></tr><tr><td>2</td><td>3</td><td>6</td></tr><tr><td>10</td><td>25</td><td>250</td></tr></table>	first_number	second_number	result	2	3	6	10	25	250
first_number	second_number	result								
2	3	6								
10	25	250								

2.2. Test CAL-26

2.2.1. Test Summary

Multiply a Positive number by a Negative number

2.2.2. Test Description

Multiply a Positive number by a Negative number

2.2.3. Pre-Condition(s)

Key	CAL-10
Summary	User is on the calculator page
Definition	Given User is on the calculator page



2.2.4. Requirement(s) linked with this test

Is not associated to Requirements.

2.2.5. Test Procedure

Test Type	Cucumber									
Scenario	<pre># Multiply a Positive number by a Negative number When User enters "first_number" And User presses "*" And User enters "second_number" And User presses "=" Then the display shows "result_number"</pre> <p>Examples:</p> <table><tr><th>first_number</th><th>second_number</th><th>result</th></tr><tr><td>4</td><td>-7</td><td>-28</td></tr><tr><td>-12</td><td>6</td><td>-72</td></tr></table>	first_number	second_number	result	4	-7	-28	-12	6	-72
first_number	second_number	result								
4	-7	-28								
-12	6	-72								

2.3. Test CAL-25

2.3.1. Test Summary

Multiply Two Negative number

2.3.2. Test Description

Multiply Two Negative number

2.3.3. Pre-Condition(s)

Key	CAL-10
Summary	User is on the calculator page
Definition	Given User is on the calculator page

2.3.4. Requirement(s) linked with this test

Is not associated to Requirements.

2.3.5. Test Procedure

Test Type	Cucumber									
Scenario	<pre># Multiply Two Negative numbers When User enters "first_number" And User presses "*" And User enters "second_number" And User presses "=" Then the display shows "result_number"</pre> <p>Examples:</p> <table><tr><th>first_number</th><th>second_number</th><th>result</th></tr><tr><td>-5</td><td>-2</td><td>10</td></tr><tr><td>-8</td><td>-3</td><td>24</td></tr></table>	first_number	second_number	result	-5	-2	10	-8	-3	24
first_number	second_number	result								
-5	-2	10								
-8	-3	24								



2.4. Test CAL-27

2.4.1. Test Summary

Multiply by Zero

2.4.2. Test Description

Multiply by Zero

2.4.3. Pre-Condition(s)

Key	CAL-10
Summary	User is on the calculator page
Definition	Given User is on the calculator page

2.4.4. Requirement(s) linked with this test

Is not associated to Requirements.

2.4.5. Test Procedure

Test Type	Cucumber
Scenario	# Multiply by Zero When User enters "first_number" And User presses "*" And User enters "0" And User presses "=" Then the display shows "0"

2.5. Test CAL-28

2.5.1. Test Summary

Enter Nothing Before Operator for Multiplication

2.5.2. Test Description

Enter Nothing Before Operator for Multiplication

2.5.3. Pre-Condition(s)

Key	CAL-10
Summary	User is on the calculator page
Definition	Given User is on the calculator page

2.5.4. Requirement(s) linked with this test

Is not associated to Requirements.

2.5.5. Test Procedure

Test Type	Cucumber
Scenario	# Enter Nothing Before Operator for Multiplication When User presses "*" And User enters "number"



And User presses "="
Then the display shows "Error"

2.6. Test CAL-29

2.6.1. Test Summary

Enter Nothing After Operator for Multiplication

2.6.2. Test Description

Enter Nothing After Operator for Multiplication

2.6.3. Pre-Condition(s)

Key	CAL-10
Summary	User is on the calculator page
Definition	Given User is on the calculator page

2.6.4. Requirement(s) linked with this test

Is not associated to Requirements.

2.6.5. Test Procedure

Test Type	Cucumber
Scenario	# Enter Nothing After Operator for Multiplication When User enters "number" And User presses "*" And User presses "=" Then the display shows "Error"



3. Appendix A: Approval

The undersigned acknowledge they have reviewed the **Test Set** and agree with the approach it presents. Changes to this **Test Set** will be coordinated with and approved by the undersigned or their designated representatives.

Signature:

Date:

Print Name:

Title:

Role: