



# TEST SET

## Multiplication Tests

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Project Name: **Calculator**

Issue: [CAL-5](#)

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 **CONFIDENTIAL**



Document Date: 17/7/2024



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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 enter "&lt;first_number&gt;"</p> <p>And User press "*"</p> <p>And User enter "&lt;second_number&gt;"</p> <p>And User press "="</p> <p>Then the display shows "&lt;result_number&gt;"</p> <p>Examples:</p> <table><tr><th>first_number</th><th>second_number</th><th>result_number</th></tr><tr><td>2.5</td><td>2</td><td>5</td></tr><tr><td>10</td><td>25</td><td>250</td></tr></table>	first_number	second_number	result_number	2.5	2	5	10	25	250
first_number	second_number	result_number								
2.5	2	5								
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 enter "&lt;first_number&gt;" And User press "+/-" And User press "*" And User enter "&lt;second_number&gt;" And User press "=" Then the display shows "&lt;result_number&gt;"  Examples:   first_number   second_number   result_number     4              7              -28               12             6              -72            </pre>

### 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 enter "&lt;first_number&gt;" And User press "+/-" And User press "*" And User enter "&lt;second_number&gt;" And User press "+/-" And User press "=" Then the display shows "&lt;result_number&gt;"  Examples:   first_number   second_number   result_number  </pre>



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 enter "<first_number>" And User press "*" And User enter "0" And User press "=" Then the display shows "0"  Examples:   first_number     4     4.5

## 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 press "*" And User enter "<number>" And User press "=" Then the display shows "0"  Examples:   number     4

### 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:*

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*Print Name:*

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*Title:*

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*Role:*

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