



TEST SET

Division Tests

Project Name: **Calculator**

Issue: [CAL-6](#)

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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

Division Tests



2. Tests

2.1. Test CAL-30

2.1.1. Test Summary

Divide Two Positive numbers

2.1.2. Test Description

Divide Two Positive numbers

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># Divide Two Positive number</p> <p>When User enter "<first_number>"</p> <p>And User press "/"</p> <p>And User enter "<second_number>"</p> <p>And User press "="</p> <p>Then the display shows "<result_number>"</p> <p>Examples:</p> <table><tr><th>first_number</th><th>second_number</th><th>result_number</th></tr><tr><td>10</td><td>2</td><td>5</td></tr><tr><td>24</td><td>3</td><td>8</td></tr><tr><td>1</td><td>2</td><td>0.5</td></tr></table>	first_number	second_number	result_number	10	2	5	24	3	8	1	2	0.5
first_number	second_number	result_number											
10	2	5											
24	3	8											
1	2	0.5											

2.2. Test CAL-31

2.2.1. Test Summary

Divide Two Negative Numbers

2.2.2. Test Description

Divide Two Negative Numbers

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># Divide Two Negative numbers When User enter "<first_number>" And User press "+/-" And User press "/" And User enter "<second_number>" And User press "+/-" And User press "=" Then the display shows "<result_number>" Examples: first_number second_number result_number 15 3 5 10 4 2.5 </pre>

2.3. Test CAL-32

2.3.1. Test Summary

Divide a Positive number by a Negative number

2.3.2. Test Description

Divide a Positive number by a 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># Divide a Positive number by a Negative number When User enter "<first_number>" And User press "+/-" And User press "/" And User enter "<second_number>" And User press "=" Then the display shows "<result_number>" Examples:</pre>



	first_number second_number result_number
	5 2 -2.5

2.4. Test CAL-33

2.4.1. Test Summary

Division by Zero

2.4.2. Test Description

Division 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	# Division by Zero When User enter "<first_number>" And User press "/" And User enter "0" And User press "=" Then the display shows "Error" Examples: first_number 10

2.5. Test CAL-34

2.5.1. Test Summary

Division with Zero as Numerator

2.5.2. Test Description

Division with Zero as Numerator

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
Scenario

Cucumber
Division with Zero as Numerator
When User enter "0"
And User press "/"
And User enter "<second_number>"
And User press "="
Then the display shows "0"
Examples:
| second_number |
| 10 |



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:
