XRAY

TEST SET
Subtraction Tests

Project Name: **Calculator**

Issue: **CAL-4**

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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

Subtraction Tests

2. Tests

2.1. Test CAL-18

2.1.1. Test Summary

Subtract Two Positive numbers

2.1.2. Test Description

Subtract 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	# This scenario tests the subtraction of two positive numbers
	When User enters "first_positive_number"
	And User presses "-"
	And User enters "second_positive_number"
	And User presses "="
	Then the display shows "result_number"
	Examples:
	| first_positive_number | second_positive_number | result |
	| 5 | 2 | 3 |
	| 10 | 7 | 3 |

2.2. Test CAL-19

2.2.1. Test Summary

Subtract Two Negative numbers

2.2.2. Test Description

Subtract 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 | # This scenario tests the subtraction of two negative numbers |

```
    When User enters "first_negative_number"
    And User presses "-"
    And User enters "second_negative_number"
    And User presses "="
    Then the display shows "result_number"

    Examples:
      | first_negative_number | second_negative_number | result |
      | -5              | -2             | -3     |
      | -10             | -7             | -3     |
```

2.3.   Test CAL-20

2.3.1.   Test Summary

Subtract a Positive number from a Negative number

2.3.2.   Test Description

Subtract a Positive number from 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 | # This scenario tests subtracting a positive number from a negative number |

```
    When User enters "negative_number"
    And User presses "-"
    And User enters "positive_number"
    And User presses "="
    Then the display shows "result"

     Examples:
      | negative_number | positive_number | result |
      | -5         | 3          | -8    |
      | -10        | 4          | -14   |
```

2.4. Test CAL-21

2.4.1. Test Summary

Subtract a Negative number from a Positive number

2.4.2. Test Description

Subtract a Negative number from a Positive number

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	# This scenario tests subtracting a Negative number from a Positive number

```
When User enters "positive_number"
And User presses "-"
And User enters "negative_number"
And User presses "="
Then the display shows "result_number"

Examples:
| positive_integer | negative_integer | result |
| 7                | -2               | 9      |
| 10               | -5               | 15     |
```

2.5. Test CAL-22

2.5.1. Test Summary

Enter Nothing After Operator for Subtraction

2.5.2. Test Description

Enter Nothing After Operator for Subtraction

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	# This scenario tests the case when nothing is entered after the subtraction operator
	    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:
_____