Test cases:

1.

Scenario: Test to validate all the elements within the Calculator Page.

GIVEN the app is launched

WHEN the user is on the Calculator Page

THEN user should see the following fields

| Page title “Calculator App”|

| 2 value fileds with placeholder value “enter value”|

| Add button |

AND upon entering the value and tapping the ‘Add’ buton, result text should be displayed.

2.

Scenario: Test to validate the error message displayed when the value field is empty and add button tapped

GIVEN the user is on the Calculator Page

WHEN user taps ‘Add’ button

THEN user should see the error message displayed ‘One or more fields are empty’

3.

Scenario: Test to validate the addition of two whole numbers.

GIVEN the user is on the Calculator Page

WHEN user enters 2 whole number value (Eg: 33 and 77)

AND taps on the ‘Add’ button

THEN user is displayed with the result after addition (Eg: 110)

4.

Scenario: Test to validate the addition of two negative numbers

GIVEN the user is on the Calculator Page

WHEN user enters 2 negative number (Eg: -33 and -77)

AND taps on the ‘Add’ button

THEN user is displayed with the result after addition (Eg: -110)

5.

Scenario: Test to validate the error message displayed upon addition of 2 decimal number

GIVEN the user is on the Calculator Page

WHEN user enters 2 decimal numbers(Eg: 3.3 and 7.7)

AND taps on the ‘Add’ button

THEN user should see the error message displayed ‘Only integers are allowed’.

6.

Scenario: Test to validate the error message displayed upon addition of 2 Strings

GIVEN the user is on the Calculator Page

WHEN user enters 2 String value(Eg: “aa” and”bb”)

AND taps on the ‘Add’ button

THEN user should see the error message displayed ‘Only integers are allowed’.

7.

Scenario: Test to validate the error message displayed upon addition of 2 special character

GIVEN the user is on the Calculator Page

WHEN user enters 2 special character(Eg: “%” and”\*”)

AND taps on the ‘Add’ button

THEN user should see the error message displayed ‘Only integers are allowed’

8.

Scenario: Test to validate the error message displayed upon entering alphanumeric character.

GIVEN the user is on the Calculator Page

WHEN user enters alphanumeric character(Eg: “aaa45” and”jkjie7ej”)

AND taps on the ‘Add’ button

THEN user should see the error message displayed ‘Only integers are allowed’

9.

Scenario: Test to validate the error message displayed upon entering spaces within the value filed

GIVEN the user is on the Calculator Page

WHEN user enters some space in each value filed(Eg: “ ” and” ”)

AND taps on the ‘Add’ button

THEN user should see the error message displayed ‘Only integers are allowed’

10.

Scenario: Test to validate the keyboard is displayed upon tapping on the filed value

GIVEN the user is on the Calculator Page

WHEN user taps on the field value to enter the value

THEN keyboard should be displayed.

11.

Scenario: Test to verify the loading indicator is displayed upon tapping the Add button

GIVEN the user is on the Calculator Page

WHEN user enters some value in each field.

AND taps on the ‘Add’ button

THEN user should see the loading indicator displayed before the result is displayed.