**SCOPE**

**Glossary of terms**

key: input button displaying and corresponding to a number, operator or function

operator: X % + - key

display: area in which the users key-presses are displayed

equals key: key that performs a calculation based on what is in the display

**Specifications / Requirements**

What are we trying to achieve?

Normal or special functions? Basic, +,-,x,%,C,<-,=,[0-9],.

Is it interactive? Mouse/touch, matching keyboard, tab/screen reader

Display: visual, copy and paste

Storage: cookie

Animations: buttons animated, display lights on first interaction

Devices: all, using a design which is targeted mobile, no native mobile functions or responsive design.

Designs to take into account contrast.

As a user of the calculator

    If I go to the calculator page

        Then I expect to see a calculator

As a user of the calculator

    If I start by selecting the multiplication or division functions

        Then I expect nothing to occur

As a user of the calculator

    If I select any number key

          Then I expect them to appear to the right edge of the display - JA

 As a user of the calculator

    If I focus on a button

          Then I expect to hear a representation of this  - RL

As a user of the calculator

    If I press the C key

          Then I expect the display and memory to be cleared  - RL

As a user of the calculator

    If I press the same operator key (- % + x) more than once

           Then I only expect the last action to count - RL

As a user of the calculator

    If I select an operator key (- % + x) between two numbers

           Then I expect the respective operation to perform accurately - JA

As a user of the calculator

    If I select the '-' function before a number

           Then I expect the number to be negative - JA

As a user of the calculator

    If I enter 1.00000

           Then I expect the number to be rounded to 1 - CE

As a user of the calculator

    If I enter 1.3654000

           Then I expect the number to be rounded to 1.3654 - CE

As a user of the calculator

    If I hit BACKSPACE

           Then I expect last operation to be deleted whenever if it´s a number, operator or dot - CE

As a user of the calculator

    If I start with a leading 0, like 0123456789

           Then I expect the number 0 to be deleted and my number to be 123456789 - CE

As a user of the calculator

If I press the equals key

Then I expect the result of calculation I entered to be displayed. The calculation will remain and be displayed to the left  M

As a user of the calculator

If I enter more than 2 distinct numbers and more than 1 distinct operator

    Then I expect the calculation to be performed in the order I entered it. No mathematical precedence rules (ie multiply then divide then addition then subtract) to be applied  M

As a user of the calculator

If I go to the calculator page

Then I expect to see buttons with the number 0-9 on them MB

As a user of the calculator

If I go to the calculator page

Then I expect to see an addition button MB

As a user of the calculator

If I go to the calculator page

 Then I expect to see a subtraction button MB

As a user of the calculator

If I go to the calculator page

Then I expect to see a mulitplication button MB

 As a user of the calculator

If I go to the calculator page

 Then I expect to see a division button MB

 As a user of the calculator

If I go to the calculator page

 Then I expect to see a decimal point button MB

As a user of the calculator

 If I go to the calculator page

Then I expect to see a cancel button MB

As a user of the calculator

If I go to the calculator page

 Then I expect to see a backspace button MB

As a user of the calculator

If I close and re-open my browser

 Then I expect to see the calculator as it was when I closed the browser MB

As a user of the calculator

      If I press a key

              Then I expect to see a graphical representation of this button press in the display - MB

As a user of the calculator

       If I press a key for the first time and the calculator is off

              I expect the display to light up - RL

As a user of the calculator

    If I have a number in clipboard

        Then I can paste it into the display using CTRL + V or the contect menu Paste option

As a user of the calculator

    If I select the number in the display and press CTRL + C or select Copy from thecontext menu

        Then I can copy the number

As a user of the calculator

    If I press a number or calculation key on the computers keyboard

        Then I expect the calculator to accept the input from the keyboard

As a user of the calculator

   If I press any key to edit a number directly in the input field

      Then Input field should not be edited directly

