**Unit Converter**

Project should be completed with React, Sass and Redux framework.

**Requirements**

*Id set:*

~~Use Case 1: I can see an element~~ *~~id=display~~* ~~that show that shows the conversion results.~~

Use Case 2: I can see an element *id=conversion-unit* that is a drop-down menu for each measurement.

~~Use Case 3: I can see an element~~ *~~id=input~~* ~~that takes the input conversion value.~~

Use Case 4: I can see an element *id=Weight* that converts weight unit measurements.

Use Case 5: I can see an element *id=length* that converts length unit measurements.

Use Case 6: I can see an element *id=temperature* that converts temperature unit measurements.

Use Case 7: I can see a container element with *id=numbers* which hold eleven buttons for digit input.

Use Case 8: With in the *id=numbers* element there are 11 elements with ids *“one, two, three, four, five, six, seven, eight, nine, zero, decimal”.*

Use Case 9*:* I can see a container element with *id=control* which contains two buttons for application control.

Use Case 10: With in the *id=control* element, i can see two elements wit id *clear, backspace.*

*Control functionality:*

Use Case 11: When element with *id=clear* is pressed or clicked values in *id=input* is set to *0* and values in *id=display* is updated.

Use Case 12: When element with *id=backspace* is pressed or clicked the last digit in *id=input* is removed, if digit count is 1, *id=input* is set to *0* and values in *id=display* is updated.

*Measurement functionality:*

Use Case 13: When *id weight, length or temperature* is selected,  *id=conversion-unit* changes to base unit for that measurement.

Use Case 14: When *id=conversion-unit* is selected, a drop-down menu of conversion options appear for selection.

Use Case 15: When page is loaded *id= length* is selected.

*Input Functionality:*

Use Case 16: The element *id=input* takes a number where an integer does not start with a zero, or a decimal does not have more than one period sign, and a decimal has starting with a zero must be followed by a period.

Use Case 17: When the numbers elements in the *id=numbers* is selected a value is added to the *id=input.*

*Display functionality:*

Use Case 18: The element *id=display* shows all the conversion units for that measurement with their converted values.