**User Story Ideas**

* As a student whose professors require the use of significant figures,  
  I want the calculator to provide at least 6 digits after the decimal place,   
  So that I can round correctly according to sig-fig rules.
  + Can’t type more than four digits post decimal point, no way of entering scientific notation
  + Rounds at 4 digits -- this is on purpose, but it drives me crazy. :)
* (If this should be its own thing…)   
  As a user working with moderately to very small numbers,  
  I want the calculator to handle the full range of numbers from MIN to MAX consistently,   
  So that I can use the results with confidence that they are correct.
  + Manual test that failed based on the round at 4 error:
    - 10^-2 = 0.01
    - 10^-3 = 0.001
    - 10^-4 = 0.0001
    - 10^-5 = 0
    - 10^-6 = 0
    - 10^-7 = 1e-7
    - 10^-22 = 1e-22
    - 10^-23 = 0
* As a primary school teacher presenting the calculator for the first time,   
  I want the calculator to present the simplest answer possible,   
  So that extraneous decimals do not confuse my young students.
* As a user who has just completed an equation without errors,  
  I want the calculator to reset automatically when valid input is submitted,  
  So that I do not have to clear answers before starting the next calculation.
* As a user with an error,  
  I want the calculator to reset automatically when valid input is submitted,  
  So that I do not have to clear errors before starting the next calculation.
  + Manual test 1 that failed:
    - <1> <> <3> = 0.3333
    - Without clearing, click <.> then <0>
    - This should result in “NaN”
    - Without clearing, click <> 3
    - Expected result: Error
    - Observed result: 0.1111
  + Manual test 2 that failed:
    - <1> <neg> <>
    - This should result in “Error”
    - Without clearing, click <2>
    - Expected result: Error
    - Observed result: 1
* As a user with multiple operation,

I would like the calculator to follow the order of operation, i.e *PEMDAS* (*P*arentheses, *E*xponents, *M*ultiplication, *D*ivision, *A*ddition, *S*ubtraction).

So that I don’t have to perform individual operations.