## Test Plan:

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| **ID** | **Description** | **Precondition** | **Expected I/p** | **Expected o/p** | **Actual o/p** |
| High\_1 | Input from user | Accept the input from key | Correct input | Will show the inputs in display | Same as expected o/p |
| High\_2 | Maths operations | Correct Calculation | Correct input symbol as pressed by the user. | Will do correct calculation | Same as expected o/p |
| High\_3 | display | Display output | proper display of output which can be interpreted by human. | will display results clear visibility |  |
| Low\_1 | Format of result | Format of the output can be more than one type | No expected input | Will show error or fatal error | Operation has performed |
| Low\_2.1 | Indefinite number | If the numerator is zero | decimal with number 0 | Error or NA |  |
| Low\_2.2 | Imaginary number | if give the input for root of a negative number. | Root of a negative number | Error or NA |  |
| EX-1 | Addition of 2 numbers | User input | 7 & 3 | 10 | 10 |
| EX-2 | Subtraction of 2 numbers | User input | 5 & 2 | 3 | 3 |
| EX-3 | Division of 2 number s | User input | 3 & 2 | 1 | 1 |
| EX-4 | Multiplication of 2 numbers | User input | 5\*7 | 35 | 35 |
| EX-5 | Square of a number | User input | 8 | 64 | 64 |
| EX-6 | Cubes of a number | User input | 10 | 1000 | 1000 |
| EX-7 | Power of 2 numbers | 1st input is number and 2nd input is exponential factor | 4 & 6 | 4096 | 4096 |
| EX-8 | Factorial of a number | User input | 3 | 6 | 6 |
| Ex-9 | Average of 2 numbers | User input | 5 & 7 | 6 | 6 |
| EX-10 | Swap of 2 numbers | User input | (5,4) | (4,5) | (4,5) |