**REQUIREMENTS**

**HIGH LEVEL REQUIREMENTS**

|  |  |
| --- | --- |
| **ID** | **DESCRIPTION** |
| **HL\_01** | To get output for given number to calculate |
| **HL\_02** | To get able to read the input from user based on the operation |
| **HL\_03** | Perform different operations |
| **HL\_04** | Battery must be there to keep the system to work |
| **HL\_05** | Display should be worked to show output |

**LOW LEVEL REQUIREMENTS**

|  |  |
| --- | --- |
| **ID** | **DESCRIPTION** |
| **HL\_03\_LL\_01** | To calculate Addition of any two numbers |
| **HL\_03\_LL\_01** | To calculate Addition of two positive integers numbers |
| **HL\_03\_LL\_01** | To calculate Addition of two positive float numbers |
| **HL\_03\_LL\_01** | To calculate Addition of two negative integer numbers |
| **HL\_03\_LL\_01** | To calculate Addition of two negative float numbers |
| **HL\_03\_LL\_02** | To calculate Subtraction of any two numbers |
| **HL\_03\_LL\_02** | To calculate Subtraction of two positive integer numbers |
| **HL\_03\_LL\_02** | To calculate Subtraction of two positive float numbers |
| **HL\_03\_LL\_02** | To calculate Subtraction of two negative integer numbers |
| **HL\_03\_LL\_02** | To calculate Subtraction of two negative float numbers |
| **HL\_03\_LL\_03** | To calculate Multiplication of any two numbers |
| **HL\_03\_LL\_03** | To calculate Multiplication of any two positive integer numbers |
| **HL\_03\_LL\_03** | To calculate Multiplication of any two positive float numbers |
| **HL\_03\_LL\_03** | To calculate Multiplication of any two negative integer numbers |
| **HL\_03\_LL\_03** | To calculate Multiplication of any two negative float numbers |
| **HL\_03\_LL\_04** | To calculate Division of any two numbers |
| **HL\_03\_LL\_04** | To calculate Division of any two positive integer numbers |
| **HL\_03\_LL\_04** | To calculate Division of any two positive float numbers |
| **HL\_03\_LL\_04** | To calculate Division of any two negative integer numbers |
| **HL\_03\_LL\_04** | To calculate Division of any two negative float numbers |
| **HL\_03\_LL\_05** | Determine the square of a positive integer number |
| **HL\_03\_LL\_05** | Determine the square of a positive float number |
| **HL\_03\_LL\_05** | Determine the square of a negative integer number |
| **HL\_03\_LL\_05** | Determine the square of a negative float number |
| **HL\_03\_LL\_06** | Determine the cube of a positive integer number |
| **HL\_03\_LL\_06** | Determine the cube of a positive float number |
| **HL\_03\_LL\_06** | Determine the cube of a negative integer number |
| **HL\_03\_LL\_06** | Determine the cube of a negative float number |
| **HL\_03\_LL\_07** | Determine the square root of positive number |
| **HL\_03\_LL\_08** | Determine the cube root of a positive number |