# 2.Requirements

## 2.1 High Level Requirements:

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| ID | Description |
| H\_01 | A mobile calculator app that should perform simple calculations, scientific calculations and conversions. |
| H\_02 | The calculator is developed using standard C language and should run on all machines supporting gcc compiler. |
| H\_03 | Should display following menu bar to users like-1.Add, 2.Subtract, 3.Multiply, 4.Divide, 5.Modulus, 6.Power, 7.Square root, 8.Factorial, 9.Inverse, 10.Currency,  11.Length, 12.Time, 13.Exit |

## 2.2 Low Level Requirements:

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| ID | Description |
| L\_01 | Should exit when entered 13 |
| L\_02 | Prevent users from divide by zero error. |
| L\_03 | Can use either one or two operands |
| L\_04 | Should display “Invalid Selection” when user chooses menu option less than zero and greater than 13. |