## **Requirements**

### **High Level Requirements**

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| **ID** | **Description** |
| H01 | To test properties of numbers |
| H02 | To do various operations with numbers |

### **Low Level Requirements**

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| **ID** | **Description** |
| H01\_L01 | To check whether a number is positive or negative |
| H01\_L02 | To check whether a given number is prime, Armstrong, palindrome or a perfect square |
| H01\_L03 | To check whether a given number is power of two |
| H01\_L04 | To check whether a number is even, odd |
| H02\_L05 | To check whether a given number is divisible by another number |
| H02\_L06 | To calculate sum of digits of a number |
| H02\_L07 | To find LCM, HCF of two numbers |
| H02\_L08 | To find remainder when one number is divided by another |
| H02\_L09 | To find sum of n natural numbers |