**TEST PLAN**

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| **Product ID** | **Description** | **Pre-condition** | **Expected**  **Input** | **Expected**  **output** | **Actual**  **output** |
| H\_01 | Speed and accuracy should be more | ON state | User data | In nanoseconds | In seconds |
| H\_02 | The processor should be multifunctional | Functional | Different data | Produce corresponding output | Met the expected output |
| H\_04 | Battery lifetime should be more | ON state | Power | 2years lifetime | 1 year lifetime |
| H\_05 | Precision should be high | User data is fed | data | 10power -15 | Met the expected output |
| L\_01 | Square root function | Function call has been made | User inputs  (16) | Square root of user input number (4) | Same as expected output  (4) |
| L\_02 | Area of different shapes function | System in ON state and function selected | User inputs of specified shape sides | Area of specified shape | Same as expected output but delay in time |
| L\_03 | Prime function | Prime function selected | User number (8) input | Is not a prime number | Is not a prime number |
| L\_04 | Even or odd function | Even or odd function selected | User input (2) | Is an even number | Is an even number |
| L\_05 | Arithmetic functions | Select any arithmetic functions | Add  2 and 3 | 5 | 5 |

Test Mapping