**Test Result Report**

**Mensuration Formula Calculator**

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**1.0 INTRODUCTION**

Mensuration Calculator is Java based calculator which calculate the area, perimeter, and volume of different shapes such as circle, rectangle, sqaure, right angled triangle, cube, sphere, cylinder4

**2.0 Testing Report**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Approach** | **Type of Testing** | **Manual Testing** | **Automated Testing** | **Tools/APIs/Libraries** |
| Standard Testing  (Functional Testing) | Unit Testing | Yes | Yes | JUnit |
| Integration Testing | Yes | yes |
| System Testing | Yes | Yes |
| Regression Testing | No | No |
| Acceptance Testing | No | No |
| Security Testing |  |  |
| - |
| - |

**2.1 Unit Testing**

|  |  |
| --- | --- |
| **EXECUTION STATUS** | **COMPLETED/CANCELLED**/PENDING |
| **PASSED TESTCASES** | 04 |
| **FAILED TESTCASES** | 00 |
| **PENDING TERSTCASES** | 00 |
| **TEST CASES PLANNED** | 04 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **MODULES/**  **SCENARIOS** | **DESCRIPTION** | **% TCs EXECUTED** | **% TCs PASSED** | **TCs PENDING** | **PRIORITY** | **REMARKS** |
| **PERIMETER** | Module to calculate perimeter of different shapes. | 100 | 100 | 00 | HIGH | - |
| **AREA** | Module to calculate area of different shapes. | 100 | 100 | 00 | HIGH | - |
| **CIRCUMFERENCE** | Module to calculate circumference of different shapes. | 100 | 100 | 00 | HIGH | - |
| **VOLUME** | Module to calculate volume of different shapes. | 100 | 100 | 00 | HIGH | - |

**2.2 System and Integration Testing**

|  |  |
| --- | --- |
| **EXECUTION STATUS** | **COMPLETED/CANCELLED**/PENDING |
| **PASSED TESTCASES** | 04 |
| **FAILED TESTCASES** | 00 |
| **PENDING TERSTCASES** | 00 |
| **TEST CASES PLANNED** | 04 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **MODULES/**  **SCENARIOS** | **DESCRIPTION** | **% TCs EXECUTED** | **% TCs PASSED** | **TCs PENDING** | **PRIORITY** | **REMARKS** |
| **PERIMETER** | Module to calculate perimeter of different shapes. | 100 | 100 | 00 | HIGH | - |
| **AREA** | Module to calculate area of different shapes. | 100 | 100 | 00 | HIGH | - |
| **CIRCUMFERENCE** | Module to calculate circumference of different shapes. | 100 | 100 | 00 | HIGH | - |
| **VOLUME** | Module to calculate volume of different shapes. | 100 | 100 | 00 | HIGH | - |

**3.0 CONCLUSION**

In this way you learn how to use Junit Open-Source Tool for perform Automation Testing on desktop-based application.