Custom Requirements Traceability Matrix

Show how each requirement is documented in the Design Specification and what Test Cases have been developed to test each requirement.

Requirement	Design Specification	Test Case Step
3.1.1. All documentation required to operate and maintain the system is present.	3.1.1. All documentation required to operate and maintain the system are present.	7.1. (TC #1), Step # 1 All documentation required to operate and maintain the system is present.
3.1.2. Microsoft Excel, Version 2000 or higher is installed.	3.1.2. All required ExcelSafe files are loaded.	7.1. (TC #1), Step # 2 Microsoft Excel, Version 2000 or higher is installed.
3.1.3. The operating system required for use is MS Windows 2000, MS Windows XP or MS Vista.	3.2.1.1. The operating system required for use is either MS Windows 2000, MS Windows XP or MS Vista.	7.1. (TC #1), Step # 3 The operating system installed for use is either MS Windows 2000 or MS Windows XP or MS Vista.
3.2.1. All required ExcelSafe files are loaded.	3.2.2.1. All required ExcelSafe files are loaded.	7.1. (TC #1), Step # 4 All required ExcelSafe files are loaded.
3.2.2. Microsoft Access, Version 2000 or higher is installed.	3.2.2.2. Microsoft Access, Version 2000 or higher is installed.	7.1. (TC #1), Step # 8 Microsoft Access, Version 2000 or higher is installed.
3.2.3. Microsoft DAO, Version 3.51 or higher is installed.	3.2.2.3. Microsoft DAO, Version 3.51 or higher is installed.	7.1. (TC #1), Step # 9 Microsoft DAO, Version 3.51 or higher is installed.
3.2.4. The Example Validation spreadsheet is properly loaded in ExcelSafe.	3.2.2.4. The Example Validation spreadsheet is properly loaded in ExcelSafe.	7.1. (TC #1), Step # 11 The spreadsheet is properly loaded in ExcelSafe.
3.3.1. The Example Validation spreadsheet can use local or networked printers.	3.2.3.1. The Example Validation spreadsheet can use local or networked printers.	7.1. (TC #1), Step # 12 The spreadsheet can use local or networked printers.
3.5.1. Will not open from outside ExcelSafe.	3.2.4.1. The spreadsheet will not open from outside ExcelSafe.	7.1. (TC #1), Step # 13 The spreadsheet will not open from outside ExcelSafe.
3.5.2. Opens correctly from inside ExcelSafe.	3.2.4.2. The spreadsheet opens correctly from outside ExcelSafe.	7.1. (TC #1), Step # 14 The spreadsheet opens correctly from inside ExcelSafe.
4.2.1. Allows users to enter appropriate values for Sample, Mass and Volume.	4.2.1.1. Allows users to enter appropriate values for Sample, Mass and Volume.	8.1. (TC #2), Step # 1 The Calculation Worksheet allows users to enter appropriate values for Sample, Mass and Volume.
4.2.2. Calculates Maximum(Volume), Minimum(Volume) and Average(Volume).	4.2.2.1. Calculates Maximum(Volume), Minimum(Volume) and Average(Volume).	8.1. (TC #2), Step # 5 The Calculation Worksheet calculates Maximum(Volume), Minimum(Volume) and Average(Volume).
4.2.3. Calculates Volume^2.	4.2.2.2. Calculates Volume^2	8.1. (TC #2), Step # 14 The Calculation Worksheet calculates Volume^2.
4.2.4. Allows users to secure and unsecure data by adding or removing electronic signatures.	4.2.2.3. Allows users to secure and unsecure data by adding or removing electronic signatures.	8.1. (TC #2), Step # 20 The Calculation Worksheet allows users to secure and unsecure data by adding or removing electronic signatures.
4.2.5. Is properly formatted for printing.	4.2.3.2. Is properly formatted for printing.	8.1. (TC #2), Step # 22 The Calculation Worksheet is properly formatted for printing.
4.2.6. Records changes in user data to the ExcelSafe audit trail.	4.2.2.4. Records changes in user data to the ExcelSafe audit trail.	8.1. (TC #2), Step # 24 The Calculation Worksheet records changes in user data to the ExcelSafe audit trail.
4.3.1. Plots Mass (X-axis) vs. Volume (Y-axis).	4.2.3.1.2. Title and Axis Label	8.1. (TC #2), Step # 17 The Plotting Mass vs. Volume Chart plots Mass (X-axis) vs. Volume (Y-axis).