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| **Test CaseID** | TCBOUND1 |
| **Component** | Spreadsheet on Open Office |
| **Purpose of Test Case** | To perform Boundary testing on certain MATH FUNCTIONS , LOGARITHM (LOG) |
| **Functional Test Type** | Boundary Testing |
| **Pre-Conditions** | Installation of Open Office |
| **Inputs** | Numeric; Value that has been input is 64 |
| **Expected Outputs** | Expect output of log(64) should be 1.806 |
| **Post-Conditions** | Log(64) should be displayed as 1.806 |
| **Execution History** | Bryan Miranda : Result : Output matches expected output (3/12/2022) |

**1.Boundary Testing – Identify one or more input parameters on a feature within the Formula and Function feature   
of the spreadsheet module to perform boundary testing. Use the robust testing method as described in Chapter 5   
to build the test cases to be executed. You may create boundary test cases for more than one sub function within   
the feature.**

With these 5 tests I was mainly focusing on the functionality portion with boundaries in mind. All cases were successful meaning that all the tests had the expected outcome.

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| **Test CaseID** | TCBOUND2 |
| **Component** | Spreadsheet on Open Office |
| **Purpose of Test Case** | To perform Boundary testing on certain MATH FUNCTIONS , SQRT |
| **Functional Test Type** | Boundary Testing |
| **Pre-Conditions** | Installation of Open Office |
| **Inputs** | Numerical input of -64 |
| **Expected Outputs** | Numeric; SQRT (-64) = Square root cannot be negative , Error |
| **Post-Conditions** | Square root should display as an Err with a certain code for program |
| **Execution History** | Bryan Miranda : Result : Output matches expected output err:502 is displayed (3/12/2022) |

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| **Test CaseID** | TCBOUND3 |
| **Component** | Spreadsheet on Open Office |
| **Purpose of Test Case** | To perform Boundary testing on certain MATH FUNCTIONS , EVEN |
| **Functional Test Type** | Boundary Testing |
| **Pre-Conditions** | Installation of Open Office |
| **Inputs** | Numeric; Value input -32 |
| **Expected Outputs** | Numeric; EVEN(-32) |
| **Post-Conditions** | EVEN number displayed as -32 |
| **Execution History** | Bryan Miranda : Result : Output matches expected output (3/12/2022) |

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| **Test CaseID** | TCBOUND4 |
| **Component** | Spreadsheet on Open Office |
| **Purpose of Test Case** | To perform Boundary testing on certain MATH FUNCTIONS ,ABS (Absolute Value) |
| **Functional Test Type** | Boundary Testing |
| **Pre-Conditions** | Installation of Open Office |
| **Inputs** | Numeric; Value Input -70 |
| **Expected Outputs** | Absolute value of (70) is expected |
| **Post-Conditions** | Absolute value of (-70) should be displayed as (70) |
| **Execution History** | Bryan Miranda : Result : Output matches expected output (3/12/2022) |

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| **Test CaseID** | TCBOUND5 |
| **Component** | Spreadsheet on Open Office |
| **Purpose of Test Case** | To perform Boundary testing on certain MATH FUNCTIONS , EVEN |
| **Functional Test Type** | Boundary Testing |
| **Pre-Conditions** | Installation of Open Office |
| **Inputs** | Numeric; Value input of -33 |
| **Expected Outputs** | Output of -34 should be expected |
| **Post-Conditions** | EVEN number displayed as -34 |
| **Execution History** | Bryan Miranda : Result : Output matches expected output (3/12/2022) |

Equivalence Class Testing – Based on the input domain of the selected feature, define an appropriate set of   
equivalence classes for functional testing. Use strong robust equivalence class testing method as described in   
Chapter 6 to build the test cases to be executed. You may create equivalence class test cases for more than one   
sub function within the feature.

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| **Test CaseID** | TCEQUIV1 |
| **Component** | Spreadsheet on Open Office |
| **Purpose of Test Case** | To perform Equivalence testing on font size |
| **Functional Test Type** | Equivalence |
| **Pre-Conditions** | Installation of Open Office |
| **Inputs** | Numeric value of .08 has been inputted |
| **Expected Outputs** | Expect output would be font size notifies that it is too small try again |
| **Post-Conditions** | Font size shouldn’t be accepted because it is too small |
| **Execution History** | Bryan Miranda : Result : Output doesn’t match expect result.(3/12/2022) |

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| **Test CaseID** | TCEQUIV2 |
| **Component** | Spreadsheet on Open Office |
| **Purpose of Test Case** | To perform Equivalence testing on font size |
| **Functional Test Type** | Equivalence |
| **Pre-Conditions** | Installation of Open Office |
| **Inputs** | Numeric font size of 4.9 is inputted |
| **Expected Outputs** | Numeric font size will display a size of 4.9 |
| **Post-Conditions** | Font size should display as 4.9 and not round up |
| **Execution History** | Bryan Miranda : Result : Output matches expected output (3/12/2022) |

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| **Test CaseID** | TCEQUIV3 |
| **Component** | Spreadsheet on Open Office |
| **Purpose of Test Case** | To perform Equivalence testing on font sizes |
| **Functional Test Type** | Equivalence |
| **Pre-Conditions** | Installation of Open Office |
| **Inputs** | Numeric font size of 0 is inputted |
| **Expected Outputs** | Font size should not accept value of zero and switch it to the small font size value which is 2 |
| **Post-Conditions** | Font size shouldn’t be accepted. |
| **Execution History** | Bryan Miranda : Result : Output matches expected output (3/12/2022) |

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| **Test CaseID** | TCEQUIV4 |
| **Component** | Spreadsheet on Open Office |
| **Purpose of Test Case** | To perform Equivalence testing on font sizing |
| **Functional Test Type** | Equivalence |
| **Pre-Conditions** | Installation of Open Office |
| **Inputs** | Numerical input of -72 |
| **Expected Outputs** | Font size can’t be negative and changes the font size to the original start value of 2 |
| **Post-Conditions** | Font size again shouldn’t be accepted because it is a negative number. |
| **Execution History** | Bryan Miranda : Result : Output matches expected output (3/12/2022) |

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| **Test CaseID** | TCEQUIV5 |
| **Component** | Spreadsheet on Open Office |
| **Purpose of Test Case** | To perform Equivalence testing on font sizing |
| **Functional Test Type** | Equivalence |
| **Pre-Conditions** | Installation of Open Office |
| **Inputs** | Numerical Font size of 1024 is inputted |
| **Expected Outputs** | Expected result is Font size of 1024 since it is a positive value |
| **Post-Conditions** | Font size was not accepted. |
| **Execution History** | Bryan Miranda : Result : Output matches expected output (3/12/2022) |

DEFECT REPORTING FORM  
DEFECT ID:**DEFECTTCEQUIV1**  
TITLE: **Font size lower than 2 not accepted** COMPONENT: **Open Office Calc**  
REPORTED BY: **Bryan Miranda** SUBCOMPONENT: **Font Size**  
REPORTED ON: **3/12/2022** VERSION: **N/A**  
PLATFORM: **PC** RESOLUTION PRIORITY: **P3**  
OPERATING SYSTEM:**WINDOWS 10**  RESOLUTION SEVERITY:**S4** RELATED TEST CASE IDS: **TCEQUIV1** CONSISTENCY: **N/A**   
DEFECT SUMMARY: **Decimal points lower than a 2 get automatically adjusted to the number 2 instead of notifying the person that the font is too small. Changes automatically**  
STEPS TO REPRODUCE: **Type in a decimal value between 0.1 and 1.9**  
COMMENTS: **N/A**  
ATTACHMENTS:  
1.  
2.  
For evaluators use only  
DEFECT STATUS: \_\_\_\_\_\_\_\_\_APPROVED \_\_\_\_\_\_\_\_\_ REJECTED  
REASON: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

DEFECT REPORTING FORM  
DEFECT ID:**DEFECTTCEQUIV5**  
TITLE: **Font size changing to 999.9** COMPONENT: **Open Office Calc**  
REPORTED BY: **Bryan Miranda** SUBCOMPONENT: **Font size**  
REPORTED ON: **3/12/2022** VERSION:**N/A**  
PLATFORM: **PC** RESOLUTION PRIORITY:**P3**  
OPERATING SYSTEM: RESOLUTION SEVERITY:**S3**  
RELATED TEST CASE IDS: **TCEQUIV5** CONSISTENCY: **N/A**   
DEFECT SUMMARY: **Font size greater than 999.9 not allowed. Changes back to number 999.9**  
STEPS TO REPRODUCE: **Typing in a larger number than 999.9 will revert the number to 999.9**  
COMMENTS:   
ATTACHMENTS:  
1.  
2.  
For evaluators use only  
DEFECT STATUS: \_\_\_\_\_\_\_\_\_APPROVED \_\_\_\_\_\_\_\_\_ REJECTED  
REASON: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_