**Assignment #1**

**Manik Virdi (8669256)**

**Date:21st May 2019**

SENG8030  
**Testing Tools  
Assignment #1: Rubric**

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| **#** | **Mark** | **Weight** | **Criteria** |
| **New Defect Logging [75 Marks]** |  |  |  |
| **1.** | **5** | New defect ID being provided for each defect |  |
| **2.** | **5** | Title correctly and uniquely identifying each defect |  |
| **3.** | **10** | Description of each defect is correct and clearly outlines the defect and how to reproduce it. |  |
| **4.** | **10** | Expected Results are correct for each defect |  |
| **5.** | **10** | Actual Results are correct for each defect |  |
| **6.** | **10** | Severity is correctly assigned for each defect |  |
| **7.** | **5** | Checkbox for Reproducible correct for each defect |  |
| **8.** | **5** | Application information is correct for each defect |  |
| **9.** | **5** | Environment information is correct for each defect |  |
| **10.** | **5** | Submitted by is correct for each defect |  |
| **11.** | **5** | Date provided is correct for each defect |  |
| **Penalties** |  |  |  |
| **-0.50 each** | **Standards deductions (i.e. spelling mistakes, naming).** |  |  |
| **-15** | **Late submission (per day)** |  |  |
| **-7.5** | **Missing documentation or not in correct order** |  |  |
| **75** | **Total Marks** |  |  |

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| **Defect #1** | **Title: Usage of Slang “Add ‘Em Up”** |
| **Description: It is unsuitable and inconvenient for the users to decipher the meaning of the button “Add ‘Em Up”.** | |
| **Expected Results:** | “Add ‘Em Up” should be clearly specified as “Add them up”, so that users can easily understand it. |
| **Actual Results:** | “Add ‘Em Up” button is written in slang form which is inappropriate for the user.  A screenshot of a cell phone  Description automatically generated |
| **Reproducible?** |  |
| **Application:** | ProSum V 1.0 |
| **Environment Used:** | Parallels -Windows 10, MacBook Air- 8 GB 1600 MHz DDR3 Intel Core i5 |
| **Version #:** | 1.0 |
| **Severity:** | 2-High |
| **Date Submitted:** | 5/21/2019 |
| **Submitted By:** | Manik Virdi |

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| **Defect #2** | **Title: “-99” is not included in the range** |
| **Description: Application is taking “99” as an integer value but it does not take “-99” as a value.** | |
| **Expected Results:** | If “99” is included in the range specified by application than “-99” should also be included. |
| **Actual Results:** | “-99” is giving an error “Please input an integer value Between -99 and 99 Only”.  A screenshot of a cell phone  Description automatically generated |
| **Reproducible?** |  |
| **Application:** | ProSum V 1.0 |
| **Environment Used:** | Parallels -Windows 10, MacBook Air- 8 GB 1600 MHz DDR3 Intel Core i5 |
| **Version #:** | 1.0 |
| **Severity:** | 1-Critical |
| **Date Submitted:** | 5/21/2019 |
| **Submitted By:** | Manik Virdi |

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| **Defect #3** | **Title: Only first input value is erased after an error** |
| **Description: When we input wrong values of both the integers that is beyond the range, then only first input value is removed and second value remains intact.** | |
| **Expected Results:** | Both the integers values should be deleted. |
| **Actual Results:** | Only first integer value is removed, second integer value remains same as shown in screenshot.  A screenshot of a cell phone  Description automatically generated |
| **Reproducible?** |  |
| **Application:** | ProSum V 1.0 |
| **Environment Used:** | Parallels -Windows 10, MacBook Air- 8 GB 1600 MHz DDR3 Intel Core i5 |
| **Version #:** | 1.0 |
| **Severity:** | 3-Moderate |
| **Date Submitted:** | 5/21/2019 |
| **Submitted By:** | Manik Virdi |

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| **Defect #4** | **Title: Upper and lower arrows does not work properly** |
| **Description: Upper and Lower arrows beside input values should take the immediate value but it does not take it.** | |
| **Expected Results:** | After pressing the upper or lower arrow, input value should either be increased or decreased, but it works inappropriately. |
| **Actual Results:** | The value should rise or decline depending upon the arrow pressed but it takes some random value as shown in screenshot.  A screenshot of a cell phone  Description automatically generated A screenshot of a cell phone  Description automatically generated |
| **Reproducible?** |  |
| **Application:** | ProSum V 1.0 |
| **Environment Used:** | Parallels -Windows 10, MacBook Air- 8 GB 1600 MHz DDR3 Intel Core i5 |
| **Version #:** | 1.0 |
| **Severity:** | 2-High |
| **Date Submitted:** | 5/21/2019 |
| **Submitted By:** | Manik Virdi |

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| **Defect #5** | **Title: Adds decimal to the nearest integer.** |
| **Description: This application is only for integer values, but it adds decimal values to the nearest integer. This is valid for both positive and negative numbers as well as one positive and one negative number.** | |
| **Expected Results:** | This application should not work for decimal numbers. |
| **Actual Results:** | Decimal numbers whether positive or negative are rounded off to the nearest integer.  A screenshot of a cell phone  Description automatically generatedA screenshot of a cell phone  Description automatically generated |
| **Reproducible?** |  |
| **Application:** | ProSum V 1.0 |
| **Environment Used:** | Parallels -Windows 10, MacBook Air- 8 GB 1600 MHz DDR3 Intel Core i5 |
| **Version #:** | 1.0 |
| **Severity:** | 2-High |
| **Date Submitted:** | 5/21/2019 |
| **Submitted By:** | Manik Virdi |

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| **Defect #6** | **Title: Input dialog box accepts more than 2 digits** |
| **Description: When we enter values in input dialog box, it accepts more than 2 digits, however it should restrict to 2 digits (-99 and 99).** | |
| **Expected Results:** | It should display a warning to correct the input. |
| **Actual Results:** | It accepts the input and gives warning at a later stage that is when we give the command to calculate the result.  A screenshot of a cell phone  Description automatically generated |
| **Reproducible?** |  |
| **Application:** | ProSum V 1.0 |
| **Environment Used:** | Parallels -Windows 10, MacBook Air- 8 GB 1600 MHz DDR3 Intel Core i5 |
| **Version #:** | 1.0 |
| **Severity:** | 3-Moderate |
| **Date Submitted:** | 5/21/2019 |
| **Submitted By:** | Manik Virdi |

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| **Defect #7** | **Title: Typo for the “ProSum V 1.0” version** |
| **Description: Main page of the application displays a version which is different from the window which pops up after clicking “About” button.** | |
| **Expected Results:** | It should display the same version as shown on the main interface that is ProSum V 1.0. |
| **Actual Results:** | It shows “ProSum Version 1.4” in the pop-up window instead.  A screenshot of a cell phone  Description automatically generated |
| **Reproducible?** |  |
| **Application:** | ProSum V 1.0 |
| **Environment Used:** | Parallels -Windows 10, MacBook Air- 8 GB 1600 MHz DDR3 Intel Core i5 |
| **Version #:** | 1.0 |
| **Severity:** | 4-Low |
| **Date Submitted:** | 5/21/2019 |
| **Submitted By:** | Manik Virdi |

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| **Defect #8** | **Title: “Add ‘Em Up” returns an error for no value in dialog boxes** |
| **Description: No values are entered in dialog boxes and “Add ‘Em Up” button is pressed.** | |
| **Expected Results:** | “Add ‘Em Up” button should be disabled. |
| **Actual Results:** | Pop up window displays an error.  A screenshot of a cell phone  Description automatically generated |
| **Reproducible?** |  |
| **Application:** | ProSum V 1.0 |
| **Environment Used:** | Parallels -Windows 10, MacBook Air- 8 GB 1600 MHz DDR3 Intel Core i5 |
| **Version #:** | 1.0 |
| **Severity:** | 2-High |
| **Date Submitted:** | 5/21/2019 |
| **Submitted By:** | Manik Virdi |

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| **Defect #9.** | **Title: Description in “About” pop-up window.** |
| **Description: There are a plethora of errors in the explanation provided in the pop-up window after pressing “About” button.** | |
| **Expected Results:** | It should exhibit the required version. It should take only integers as input in dialog boxes provided. There is a grammatical error in the information provided. It is free software. |
| **Actual Results:** | There is a discrepancy in the versions as “ProSum Version 1.4” and “ProSum Version 1.0” are written on the same window. It should accept only two integer values. However, it is accepting more than two integer values as described in defect #6. Sentences are grammatically incorrect as it should be written as, “or your money is cheerfully refunded”. People should not pay money as it is a free software.  A screenshot of a cell phone  Description automatically generated |
| **Reproducible?** |  |
| **Application:** | ProSum V 1.0 |
| **Environment Used:** | Parallels -Windows 10, MacBook Air- 8 GB 1600 MHz DDR3 Intel Core i5 |
| **Version #:** | 1.0 |
| **Severity:** | 5-Feature Enhancement |
| **Date Submitted:** | 5/21/2019 |
| **Submitted By:** | Manik Virdi |

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| **Defect #10** | **Title: Tabs perform the same function** |
| **Description: Tabs “Ok,” Fine”,” Cancel”,” Exit” are carrying the same task of exiting the desired “About” window.** | |
| **Expected Results:** | Tabs “Ok”,” Fine”,” Cancel”,” Exit” should execute the task that they need to execute. |
| **Actual Results:** | All are fulfilling the same task of exiting the window.  A screenshot of a cell phone  Description automatically generated |
| **Reproducible?** |  |
| **Application:** | ProSum V 1.0 |
| **Environment Used:** | Parallels -Windows 10, MacBook Air- 8 GB 1600 MHz DDR3 Intel Core i5 |
| **Version #:** | 1.0 |
| **Severity:** | 3-Moderate |
| **Date Submitted:** | 5/21/2019 |
| **Submitted By:** | Manik Virdi |

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| **Defect #11** | **Title: Title of “About” pop up window** |
| **Description: Heading of “About” pop up window should display proper version of the ProSum Application** | |
| **Expected Results:** | It should exhibit the required version “ProSum V 1.0” |
| **Actual Results:** | It shows “About ProSum Version….” instead.  A screenshot of a cell phone  Description automatically generated |
| **Reproducible?** |  |
| **Application:** | ProSum V 1.0 |
| **Environment Used:** | Parallels -Windows 10, MacBook Air- 8 GB 1600 MHz DDR3 Intel Core i5 |
| **Version #:** | 1.0 |
| **Severity:** | 2-High |
| **Date Submitted:** | 5/21/2019 |
| **Submitted By:** | Manik Virdi |