**Project 3 Black Box Test Plan**

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**Introduction**

These tests test Project 3 and make sure that any possible errors are handled correctly and that the program runs as intended.

To start the program from eclipse:

Right click on **Project 3**, go to **Run As** > **Java Application**, then choose the gui class.

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| **Test ID** | **Description** | **Expected Results** | **Actual Results** |
| Test1:  openProgram  (Caitlyn Wiley) | **Preconditions:** none  Run the program as described above. | A window opens and appears like the photo below (at bottom of document) | A window opens and appears like the photo below (at bottom of document) |
| Test2:  openInvalidFile  (Caitlyn Wiley) | **Preconditions:**  Test 1  Choose **File > Open File** from the main menu  Choose **test-files > All Files sample\_file** | A dialog pops up reading “Error opening file.” When the user clicks OK on the dialog, it is dismissed and the program returns to the previous list display. | A dialog pops up reading “Error opening file.” When the user clicks OK on the dialog, it is dismissed and the program returns to the previous list display. |
| Test3:  saveToNoFile  (Caitlyn Wiley) | **Preconditions:**  Test 1  Choose **File > Save File** from the main menu  Type “ “ into **Save As**:  Click **Save** | Nothing should happen. When the user clicks “Cancel”, an error dialog comes up saying “File not saved” | Nothing should happen. When the user clicks “Cancel”, an error dialog comes up saying “File not saved” |
| Test4:  newTestList  (Caitlyn Wiley) | **Preconditions:**  Test 1  Choose **Test Case List** **>** **New Test Case List** from the main menu | A new tab is added to the user interface with the default list name of New List. The new list is the currently selected test case list. | A new tab is added to the user interface with the default list name of New List. The new list is the currently selected test case list. |
| Test5:  renameTestList  (Caitlyn Wiley) | **Preconditions**: Test 4  Select the test list **New List**  Choose **Test Case List > Rename Test Case**  **List** from the main menu  Type in “**First List**”  Click **OK** | A modal dialog opens with the list name highlighted for editing. The user edits the list name and clicks OK to accept the change and return to the main list view with the list name changed in the active tab. | A modal dialog opens with the list name highlighted for editing. The user edits the list name and clicks OK to accept the change and return to the main list view with the list name changed in the active tab. |
| TestCancelSave  Author: Cameron Greene | **Preconditions:** TestRun passes  Click **File > Save File** then click  **“Cancel”** in the bottom right**.** | A dialog box will pop up saying “File not saved.” When the use clicks “OK”, the window should  disappear and return to  the main screen, which  should look exactly as it  did before attempting  to save | A dialog box will pop up saying “File not saved.” When the use clicks “OK”, the window should  disappear and return to  the main screen, which  should look exactly as it  did before attempting  to save |
| TestEmptyTestCaseListName  Author: Cameron Greene | **Preconditions:** TestRun passes  Click **Test Case List > Rename Test**  **Case List** and then click **“OK”** in the  popup box without typing anything in the text box. | An error message pops  up with the message  “Test Case List name  cannot be empty or all  whitespace” | An error message pops  up with the message  “Test Case List name  cannot be empty or all  whitespace” |
| TestInvalidDelete  Author: Cameron Greene | **Preconditions:** TestRun passes  Choose the **Testing Type tab** and then  choose **Test Case List > Delete Test**  **Case List** | An error message pops  up with the message  “Test Case List not  selected” | An error message pops  up with the message  “Test Case List not  selected” |

**Document Revision History**

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| **Date** | **Author** | **Change Description** |
| **4/7/17** | Caitlyn Wiley | * Added test cases and expected results |
| **4/21/17** | Caitlyn Wiley | * Combined tests with Cameron’s tests |

