

Project 3 Black Box Test Plan

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Introduction

Provide a brief overview of your black box test plan. Describe how you would start your application.

Once the application is run through the GUI, a panel appears. This panel is an empty interface which contains no test cases. It does not have any per case information in it as well.

The blackbox test plan revolves around checking the fundamental attributes of the program. This includes checking whether all buttons do what they are supposed to do, files are loaded etc.

This is preliminary test is important since it underlays the more complex features of the program. The blackbox test also tests the many functionalities of buttons and checks whether certain actions could cause the GUI to react (for example, in the testcase "add" scenario, when a minimal of one text area is filled, the add button becomes operational). Thus, the blackbox test not only check the UI, but also external attributes like clicking on "File" to add one etc.

| Test ID | Description | Expected Results | Actual Results |
|----------------------|--|--|--|
| 1. testFileButton | Preconditions: Run the program. A panel appears. Go to the upper left corner of the panel and click "File" | An option panel pops up. It has three options: Open File Save File Exit | An option panel pops up. It has three options: Open File Save File Exit |

| Test ID | Description | Expected Results | Actual Results |
|------------------------------|--|--|--|
| 2. testTestCaseListOption | Preconditions: Run the program. A panel appears. On the upper left, beside the "File" button, there is another option called "Test Case List." Click on it. | An option panel pops up. It has three options: Rename Test Case List New Test Case List Delete Test case List | An option panel pops up. It has three options: Rename Test Case List New Test Case List Delete Test case List |

| Test ID | Description | Expected Results | Actual Results |
|---------|-----------------------|---------------------------|---------------------------|
| 3. | Preconditions: | A blank testing type edit | A blank testing type edit |

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| testAddTestingType | <p>Run the program.</p> <p>A panel appears. On the upper left, beside the “Test Case List” button, there is another option called “Testing Type.” Click on it.</p> <p>An option panel should appear.</p> <p>Click on “Add Testing Type”</p> <p>In the name section, type “testing1” In the description, type “testing number 1”</p> <p>Click Add</p> | <p>area/panel appears.</p> <p>Information is typed in</p> <p>Once add is clicked.</p> <p>Once the “Testing Type” scroll, option is clicked on the main interface, “testing 1 “ with description appears</p> | <p>area/panel appears.</p> <p>Information is typed in</p> <p>Once add is clicked.</p> <p>Once the “Testing Type” scroll, option is clicked on the main interface, “testing 1 “ with description appears</p> |
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| Test ID | Description | Expected Results | Actual Results |
|-----------------------------|--|--|--|
| 4. testDeleteTestingType | <p>Preconditions: Test 3 must have passed and simulation still running</p> <p>Click on “testing1” testing type. On the upper left, beside the “Test Case List” button, there is another option called “Testing Type.” Click on it.</p> <p>An option panel should appear.</p> <p>Click on “Delete Testing Type”</p> <p>Click “Yes”</p> | <p>A panel appears asking for confirmation on deleting the testing1 testing type.</p> <p>After “Yes” is clicked, the panel disappears.</p> <p>In the main interface, the “Testing Type Option,” once clicked, does not have any testing types.</p> | <p>A panel appears asking for confirmation on deleting the testing1 testing type.</p> <p>After “Yes” is clicked, the panel disappears.</p> <p>In the main interface, the “Testing Type Option,” once clicked, does not have any testing types.</p> |

| Test ID | Description | Expected Results | Actual Results |
|--------------------------------|---|--|--|
| 5. testAddTestCaseAddButton | <p>Preconditions:</p> <p>Run the program.</p> <p>A panel appears.</p> <p>Go to the upper left corner of the panel and , in the third left option, it says “Test Cases.” Click on it. A panel option appears. Click on the “Add New Test Case”</p> <p>Type “dsljfdslfjlkfjlfdls” in the</p> | <p>An empty test case edit area appears with Options:</p> <p>Test Case ID Testing Type Test Creation Date & Time Description Tested? Last Tested Date & Time Expected Results Actual Results</p> | <p>An empty test case edit area appears with Options:</p> <p>Test Case ID Testing Type Test Creation Date & Time Description Tested? Last Tested Date & Time Expected Results Actual Results</p> |

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| | <p>description.</p> <p>Click cancel</p> | <p>Pass?</p> <p>Once something is typed in description, the Add button on the bottom right is clickable and is no longer dull.</p> <p>Once cancel is clicker, that panel disappears. The original interface is still there.</p> | <p>Pass?</p> <p>Once something is typed in description, the Add button on the bottom right is clickable and is no longer dull.</p> <p>Once cancel is clicker, that panel disappears. The original interface is still there.</p> |
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| Test 6 testRename (Ritter/Isla) | <p>Preconditions: Run BlackBoxGUI</p> <p>Click Test case list and new test case list. Click Test Case List and then rename test case list Leave the field blank Then click enter.</p> | <p>GUI main screen appears Test case list scroll appears. A new black box test plan appears with no tests. A new window prompts for text</p> <p>A pop up window displays "Test Case List Name cannot be empty or all white space"</p> | <p>GUI main screen appears Test case list scroll appears. A new black box test plan appears with no tests. A new window prompts for text</p> <p>A pop up window displays "Test Case List Name cannot be empty or all white space"</p> |
| Test 7 testDeleteTestCaseList (Ritter/Isla) | <p>Preconditions: Run BlackBoxGUI</p> <p>Click Test case list and new test case list. Make sure no test case list is selected Click Test Case List and then delete test case list</p> | <p>GUI main screen appears Test case list scroll appears. A new black box test plan appears with no tests.</p> <p>A pop up window displays "Test Case List not selected"</p> | <p>GUI main screen appears Test case list scroll appears. A new black box test plan appears with no tests.</p> <p>A pop up window displays "Test Case List not selected"</p> |
| Test 8 testDeleteTestCase (Ritter/Isla) | <p>Preconditions: Run BlackBoxGUI</p> <p>Click Test case list and new test case list. Make sure that the new test case list is selected but there are no test cases Click Test Case and then delete test case</p> | <p>GUI main screen appears Test case list scroll appears. A new black box test plan appears with no tests. Test case scroll appears.</p> <p>A pop up window displays "Test Case not selected"</p> | <p>GUI main screen appears Test case list scroll appears. A new black box test plan appears with no tests. Test case scroll appears.</p> <p>A pop up window displays "Test Case not selected"</p> |

