**System Test Plan Manager: System Test Plan**

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**Last Modified:** 11/16/2022

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| **Test ID** | **Directions** | **Expected Results** | **Actual Results** |
| **Test 1:** Open GUI  [UC0] | Preconditions: None   1. Run the SystemTestPlanGUI.java | The program loads, showing the File menu (in the menu bar) and the ability to save System Test Plan(s) to a file. | The program loads, showing every box empty, and a Failing Test Plan as the current test plan. |
| **Test 2:** Load System State  [UC1] | Preconditions: Test 1 passed   1. Click **File > Load Test Plan(s)** 2. Select **test-files > provided > test-plans0.txt** | The Current Test Plan shows as **Failing Tests** with three Test Cases listed | The current test plan is set to **Failing Tests**, and there are three test cases. |
| **Test 3:** Save System State  [UC2] | Preconditions: Test 1 passed   1. Click **File > Save** 2. Select **test-files > provided** 3. Enter **STP1.txt** as the file name | The selected System Test Plan was successfully saved to the User’s specified file location | The test plans were saved to the users specified file location. |
| **Test 4:** Clear System State  [UC3] | Preconditions: Test 1 passed   1. Click **File > Clear Test Plan(s)** | The Test Plans and their tests are now gone | The test plans and cases have been cleared. |
| **Test 5:** Select Current Test List  [UC4] | Follow-up to Test 2   1. Select **PackScheduler** as the Current Test Plan | The Test Cases are ordered in alphabetical order | The **PackScheduler** test plan is now selected, and its test cases are displayed. |
| **Test 6:** Add a Test Plan  [UC5] | Preconditions: Test 1 passed   1. Click **Add Test Plan** 2. Enter **test 1** as the name 3. Click **OK** | A new Test Plan titled **test 1** is shown as the current Test Plan | A new test plan named **test 1** is displayed with no test cases. |
| **Test 7:** Edit a Test Plan  [UC6] | Follow-up to Test 6   1. Select **test 1** 2. Click **Edit Test Plan** | The **Edit Test Plan** pane is shown to the user | A window appears asking for a new name for the test plan. |
| **Test 8:** Remove Current Test Plan  [UC7] | Follow-up to Test 6   1. Select **test 1** 2. Click **Remove Test Plan** | **test 1** is no longer shown as the current Test Plan or in the Test Plan(s) list | **Test 1** is no longer in the list of test plans. |
| **Test 9:** List Test Cases in Current Test Plan [UC8] | Follow-up to Test 2   1. Select **PackScheduler** as the Current Test Plan | The Test Cases are ordered as:   * test0 * test1 | The Test Cases are ordered as:   * test0 * test1 |
| **Test 10:** Add a Test Case to Current Test Plan [UC9] | Follow up to Test 6   1. Select **test 1** 2. Enter the following:   Test Case ID: the first test  Test Type: Expected  Output: this is the first test  Expected Results: the output displays   1. Click **Add** | In **test 1**, there is a new test case with the following fields:  Test ID: the first test  Test Type: Expected  Test Plan: FAIL | In **test 1**, there is a new test case with the following fields:  Test ID: the first test  Test Type: Expected  Test Plan: FAIL |
| **Test 11:** Remove a Test from Current Test Plan [UC10] | Follow-up to Test 10   1. Select the **the first test** test in **test 1** 2. Select **Remove** in the Test Case pane | The **the first test** test is now longer shown in **test 1** | The **the first test** has been removed from the list of test cases. |
| **Test 12:** Order Test Case in the Current Test Plan [UC11] | Follow up to Test 2   1. Select **PackScheduler** as the current Test Plan 2. Select the **test0** Test Case 3. Click **Move Down** | The **test0** test is now below the **test1** test | The **test0** test is now below the **test1** test |
| **Test 13:** Order Test Case in the Current Test Plan 2 [UC11] | Follow up to Test 12   1. Select **PackScheduler** as the current Test Plan 2. Select the **test0** Test Case 3. Select **Move Up** | The **test0** test is now above the **test1** test | The **test0** test is now above the **test1** test |
| **Test 14:** Record Actual Test Results [UC12] | Preconditions: Test 1 passed   1. Select **PackScheduler** as the current Test Plan 2. Select the **test0** Test Case 3. Enter into **Record Actual Results**: “the actual results” 4. Select **PASS** in “Pass or Fail?” 5. Click **Record Results** | The results for the Test Case are added to the Actual Results Log | The test plan for **test0** now shows as passing, and the log is updated with **PASS: the actual results** |
| **Test 15:** Quit System Test Plan to save [UC13] | Preconditions: Test 1 passed   1. Select **File > Quit** 2. Select **test-files > provided** 3. Enter **project 1.txt** in the name field | A pop-up dialog box asking if the user to save the file to a location is shown. Clicking save results in a new file, project1.txt in the project’s folder | A dialog pops up asking for a file to save the test plans to, and then the program quits and the test plans are saved to the provided file. |