

System Test Plan Manager: System Test Plan

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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 3. 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.