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

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**Last Modified:** 10/21/2022

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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. |  |
| **Test 2:** Load System State  [UC1] | Preconditions: Test 1 passed   1. Click **File > load** 2. Select a **validRead.txt\*** | The Current Test Plan shows as **PackScheduler** with two Test Cases listed |  |
| **Test 3:** Save System State  [UC2] | Preconditions: Test 1 passed   1. Click **File > Save** 2. Enter **STP1** as the file name | The selected System Test Plan was successfully saved to the User’s 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 |  |
| **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 |  |
| **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 |  |
| **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 |  |
| **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 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:   * T24 Add new course * Invalid course name |  |
| **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: invalid course  Test Type: Invalid  Expected Results: No output   1. Click **Add** | In **test 1**, a new test is shown with the following fields:  Test ID: invalid course  Test Type: Invalid  Expected Results: No output |  |
| **Test 11:** Remove a Test from Current Test Plan [UC10] | Follow-up to Test 10   1. Select the **Invalid Course** test in **test 1** 2. Select **Remove** in the Test Case pane | The **Invalid Course** test is now longer shown in **test 1** |  |
| **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 **T24 Add new course** Test Case 3. Click **Move Down** | The **T24 Add new course** test is now below the **Invalid course name** 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 **T24 Add new course** Test Case 3. Select **Move Up** | The **T24 Add new course** test is now above the **Invalid course name** test |  |
| **Test 14:** Record Actual Test Results [UC12] | Preconditions: Test 1 passed   1. Select **PackScheduler** as the current Test Plan 2. Select the **T24 Add New course** Test Case 3. Select **PASS** in “Pass or Fail?” 4. Click **Record Results** | The results for the Test Case are added to the Actual Results Log |  |
| **Test 15:** Quit System Test Plan to save [UC13] | Preconditions: Test 1 passed   1. Select **File > Quit** 2. 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 |  |
| **Test 16:** Quit System Test Plan without saving [UC13] | Preconditions: Test 1 passed   1. Select **File > Quit** 2. Click **Cancel** | The System Test Plan is not saved to the project’s folder and the application closes |  |

\*All references to ValidRead.txt reference the sample file provided in P2P1, which is stated as being “an example valid file”.