

STP Tracker System Test Plan

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Introduction

A tester would start the system by executing the main method of STPTrackerGUI and interacting with the application to load a specified test file

Test Files

! WolfScheduler

Invalid File,Equivalence Class

* 1. Run WolfScheduler GUI

2. In the Load Course Catalog File Chooser dialog select: testfiles/invalid_course_records.txt

3. Click Select

4. Check Results

5. Close GUI

* WolfSchedulerGUI loads

Course Catalog is empty

My Schedule is empty

Course Details only shows labels

- PASS: everything is empty

- FAIL: courses are listed

- PASS: everything is empty

Valid File,Requirements

* 1. Run WolfScheduler GUI

2. In the Load Course Catalog File Chooser dialog select: testfiles/_course_records.txt

3. Click Select

4. Check Results

5. Close GUI

* Course catalog contains 13 courses

Add No Selection,Invalid

* Precondition: Valid File test has passed

1. Make sure that no row in the Course Catalog table is selected
2. Click Add Course
3. Check results
4. Click OK
5. Close GUI

* A pop up dialog stating "No course is selected in the catalog." is displayed.

- FAIL: no pop up displays

! PackScheduler

T24 Add new course, Requirements

* Preconditions: PackSchedulerGUI has loaded and registrar user is logged in (T2). T23 has run

1. Enter the following course information:

Course Name: CSC 236

Course Title: Computer Organization and Assembly Language

Course Section: 001

Credits: 3

Instructor Id: lasher

Start Time: 10:15AM

End Time: 11:30AM

Meeting Days: Tuesday & Thursday

Click Add Course

Click OK

* Course is added to the list in the appropriate location

- PASS: course added (Lab 5)

- FAIL: course not added b/c of invalid course name (Lab 6)

Invalid course name, Invalid

* Preconditions: PackSchedulerGUI has loaded and registrar user is logged in (T2). T23 has run

1. Enter the following course information:

Course Name: CSC236

Course Title: Computer Organization and Assembly Language

Course Section: 001

Credits: 3

Instructor Id: lasher

Start Time: 10:15AM

End Time: 11:30AM

Meeting Days: Tuesday & Thursday

Click Add Course

Click OK

* Error message: Invalid course name

- PASS: correct error message (Lab 5).

System Tests

Write at least 5 tests. We will grade the first five. Your tests should consider more complex scenarios than basic system startup and an invalid test file.

Test ID	Description	Expected Results	Actual Results
TestPlanDropDownValid	Preconditions: <ol style="list-style-type: none">1. A user has started the STP Tracker application and the GUI has opened.2. TestPlans load from file into drop down3. The system displays the test plans in the dropdown menu in alphabetical order by name	CurrentTestPlan is equal to FailingCases Clicking on the drop down reveals all of the TestPlans from the file in alphabetical order	First test plan displayed is failing tests and 3 failing test cases from actual_testplan.txt are there. The order of the drop down is as follows: FailingTests, PackScheduler, WolfScheduler
ViewTestCasesInPlan	Preconditions: <ol style="list-style-type: none">1. All previous tests have passed2. A test plan is selected from the dropdown.3. the system displays the test cases associated with the selected test plan.	The system lists the test cases associated with the selected test plan	The list of test cases associated with the test plan selected are all there
AddTestPlan	<ol style="list-style-type: none">1. All previous tests have passed2. The user requests to add a new test plan. <p>^ Preconditions Steps:</p>	The new test plan is added to the list of test plans, and it is set as the current test plan.	The newly added test plan is now added to the list and is set as the current test plan

	<ol style="list-style-type: none"> 1. Click the Add Test Plan button. 2. Enter a unique name for the new test plan. 3. Click OK to confirm the addition. 		
EditExistingTestPlan	<p>Preconditions:</p> <ol style="list-style-type: none"> 1. All above tests have passed 2. system allows the editing of an existing test plan's name. 3. <p>Steps:</p> <ol style="list-style-type: none"> 1. Select a test plan from the Current Test Plan dropdown. 2. Click the Edit Test Plan button. 3. Enter the updated name for the test plan. 4. Click OK to confirm the change. 	The selected test plan's name is updated with the new name in the Current Test Plan dropdown.	Selecting a test plan is updated with the new name and is shown in the current test plan dropdown
RemoveTestCaseFromTestPlan	<p>Preconditions:</p> <ol style="list-style-type: none"> 1. All above tests have passed 2. system allows the editing of an existing test plan's name. 	<p>Preconditions:</p> <ol style="list-style-type: none"> 4. All above tests have passed 5. Test plan actual_testplan.txt was loaded in <p>Steps:</p> <ol style="list-style-type: none"> 5. Select a test plan from the Current Test Plan dropdown. 6. Click the Remove Test Plan button. 7. The test plan is removed from the drop down 	Clicking on the test plan after failing tests and hitting remove drops it from the dropdown and failing tests is then displayed as the current test plan

		8. Failing tests are shown as the current testplan	
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