## STP Manager System Test Plan

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## Introduction

Provide an overview of your system plan. Describe how a tester would start the system.

## Test Files

Test\_files/test\_plans\_1.txt

## 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
1 Load System Test Plan	Preconditions:  1. Open the gui 2. Select the test files/test plans 1.txt	The gui displays The tests for the WolfScheduler test plan (5 tests)	Gui displays failingTestList, but contains all test plans
2 Save to file	Preconditions:  1. Test 1 has passed  2. Select the option to Save test plans  3. Select a fileName	Contents should be: ! WolfScheduler # Invalid File, Equivalence Class * 1. Run WolfScheduler GUI 2. In the Load Course Cata log File Chooser dialog se lect: testfiles/invalid_co urse_records.txt 3. Click Select 4. Check Results 5. Close GUI	! 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

\* WolfSchedulerGUI loads Course Title: Computer Course Catalog is empty Organization and Assembly My Schedule is empty Language Course Details only shows Course Section: 001 labels Credits: 3 - PASS: everything is empt Instructor Id: lasher У - FAIL: courses are listed Start Time: 10:15AM - PASS: everything is empt End Time: 11:30AM Meeting Days: Tuesday & Thursday # Valid File, Requirements Click Add Course \* 1. Run WolfScheduler GUI Click OK 2. In the Load Course Cata \* Course is added to the list in the log File Chooser dialog se lect: testfiles/ course re appropriate location cords.txt - PASS: course added (Lab 5) 3. Click Select - FAIL: course not added b/c of 4. Check Results invalid course name (Lab 6) 5. Close GUI # Invalid course name.Invalid \* Course catalog contains \* Preconditions: PackSchedulerGUI 13 courses has loaded and registrar user is # Add No Selection, Invalid logged in (T2). T23 has run \* Precondition: Valid File 1. Enter the following course test has passed 1. Make sure that no row i information: n the Course Catalog table Course Name: CSC236 is selected Course Title: Computer 2. Click Add Course Organization and Assembly 3. Check results Language 4. Click OK Course Section: 001 5. Close GUI \* A pop up dialog stating Credits: 3 "No course is selected in Instructor Id: lasher the catalog." is displayed Start Time: 10:15AM End Time: 11:30AM - FAIL: no pop up displays Meeting Days: Tuesday & Thursday ! PackScheduler Click Add Course # T24 Add new course, Requi Click OK rements

\* Preconditions: PackSched \* Error message: Invalid course ulerGUI has loaded and reg name istrar user is logged in ( - PASS: correct error message (Lab T2). T23 has run 5) 1. Enter the following cou ! WolfScheduler rse information: # Invalid File, Equivalence Class Course Name: CSC 236 Course Title: Computer Org \* 1. Run WolfScheduler GUI anization and Assembly Lan 2. In the Load Course Catalog File guage Chooser dialog select: Course Section: 001 testfiles/invalid course records.txt Credits: 3 3. Click Select Instructor Id: lasher 4. Check Results Start Time: 10:15AM 5. Close GUI End Time: 11:30AM Meeting Days: Tuesday & Th \* WolfSchedulerGUI loads ursday Course Catalog is empty Click Add Course My Schedule is empty Click OK Course Details only shows labels \* Course is added to the 1 - PASS: everything is empty ist in the appropriate loc - FAIL: courses are listed ation - PASS: everything is empty - PASS: course added (Lab 5) # Valid File, Requirements - FAIL: course not added b \* 1. Run WolfScheduler GUI /c of invalid course name 2. In the Load Course Catalog File (Lab 6) Chooser dialog select: # Invalid course name, Inva testfiles/ course records.txt lid 3. Click Select \* Preconditions: PackSched 4. Check Results ulerGUI has loaded and reg istrar user is logged in ( 5. Close GUI T2). T23 has run \* Course catalog contains 13 1. Enter the following cou courses rse information: # Add No Selection.Invalid Course Name: CSC236 \* Precondition: Valid File test has Course Title: Computer Org passed anization and Assembly Lan

guage

		Course Section: 001 Credits: 3 Instructor Id: lasher Start Time: 10:15AM End Time: 11:30AM Meeting Days: Tuesday & Th ursday Click Add Course Click OK * Error message: Invalid c ourse name - PASS: correct error mess age (Lab 5)	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
3 Add a test plan	<ol> <li>Open the gui</li> <li>Click add test plan</li> <li>Enter the name of the test plan as "t3_plan"</li> <li>Click OK</li> </ol>	The gui displays the new test plan before the wolfscheduler test plan	The gui displays the new test plan before the wolfscheduler test plan
4 Remove current test plan	<ol> <li>Test 3 has passed</li> <li>Select "t3_plan" as current test plan</li> <li>Click remove test plan</li> <li>Click yes in the pop up</li> </ol>	Only wolfscheduler is listed under test plans	WolfScheduler, PackScheduler, and failingTestList are listed
5 Edit test plan	<ol> <li>Test 4 has passed</li> <li>Select WolfScheduler as the current test plan</li> <li>Click edit test plan</li> <li>Enter the name "New_name"</li> <li>Click OK</li> </ol>	The gui shows only one test plan with the name "New_name"	Gui shows New_name, PackScheduler, and failingTestList