SystemTestPlan System Test Plan

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Introduction

This system test plan contains five tests for the SystemTestPlan application. Go through the tests one at a time and make sure to check the preconditions. The text input file used in the tests is Projects.txt and is as follows:

```
! 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
```

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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)
```

Test ID	Description	Expected Results	Actual Results
1.testLaunchGUI (Cole Sanders)	**Preconditions: None** 1.Right click SystemTestPlanGUI 2.Run as -> java application 3.Check results	GUI is launched with a file menu in the menu bar. There are three buttons to add a test plan, edit a test plan, and remove a test plan. A table of test cases is shown but is empty. To the right is the test case menu with a box for test case ID, test type, description, expected results, and actual results.	A GUI is launched with a file menu in the upper left hand corner. There are three buttons for adding a test plan, editing a test plan, and removing a test plan. Under that there is an empty list of test cases with fields for their ID, type, and plan. To the right of this list is a test case box with fields for the test case ID, type, description, expected results, and actual results.
2.testLoadSystemPlan (Cole Sanders)	**Preconditions: Test 1 passed** 1.Select the option from the file menu to load test plans. 2.Browse to and select test-files/Projects.txt. 3.Check results	The current test plan is set to failing tests and the list of tests are as follows: T24 Add new course, Requirements, PackScheduler Valid File, Requirements, WolfScheduler Add No Selection, Invalid, WolfScheduler The number of failing tests counter displays the number 3.	Failing tests is the current test plan. The table of test cases is now populated as follows: T24 Add new course, Requirements, PackScheduler Valid File, Requirements, WolfScheduler Add No Selection, Invalid, WolfScheduler The number of failing test is at three.
3.testSelectPackSche	**Preconditions: Test 1 and 2 passed**	The name in the current	The current test plan is

duler (Cole Sanders)	1.Select the current test plan drop down box. 2.Select PackScheduler 3.Check results	test plan box is updated to PackScheduler. The number of failing tests is set to one. Displayed test cases are as follows: T24 Add new course, Requirements, FAIL Invalid course name, Invalid, PASS	PackScheduler with one failing test. The test cases table displays the following: T24 Add new course, Requirements, FAIL Invalid course name, Invalid, PASS
4.testAddTestPlan (Cole Sanders)	**Preconditions: Test 1 and 2 passed** 1.Select add test plan 2.Enter the name "NewTestPlan" into the prompt box and select OK. 3.Check results	The current test plan displays the name "NewTestPlan" with the number of failing test cases at zero and an empty list of system tests.	The current test plan is NewTestPlan and there are no failing tests or displayed test cases.
5.testClearSystemState (Cole Sanders)	**Preconditions: Test 1,2, and 3 passed** 1.Select the option from the file menu to clear test plans 2.Check results	The current test plan is set to failing tests. The number of failing test cases are zero and the list of system tests is empty.	Failing tests is the current test plan with zero failing tests. There are no other test plans and the test cases table is empty.

Document Revision History

Date	Author	Change Description
10/27/22	Cole Sanders	• Added system tests and expected results
11/17/22	Cole Sanders	• Added actual results