System Test Plan Manager System Test Plan

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Introduction

The application under test, an application for managing system test plans, can be run by running the GUI class in Eclipse or a Java IDE of the tester's choosing. The files to be used for testing are in the test-files/ directory. One such file is plans.txt, its contents provided here for easier access by the tester.

```
! 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)
```

Test ID	Description	Expected Results	Actual Results
Start Application (Jaden Abrams)	**Preconditions: NONE** In an IDE of your choice or from the command line, run the GUI class.	The application starts, showing the fields blank and any lists empty.	The application starts with empty lists and fields.
Load System State (Jaden Abrams)	**Preconditions: Test 1 passes** Navigate to File > Load Test Plan(s) and open test-files/plans.txt	The application fills out, with the drop down menu showing the failing tests and the test plans. The current plan changes to failing tests and the list of tests is populated with the tests from the test plans that are failing.	The current test plan shows the failing tests and shows the 3 tests from the plans that are failing.
Save System State (Jaden Abrams)	**Preconditions: Test 2 passes** Navigate to File > Save Test Plan(s) and saves the file as test-files/newplans.txt	newplans.txt appears in the test-files/ directory with the same contents as plans.txt	newplans.txt appears in the directory.
Clear System State (Jaden Abrams)	**Preconditions: Test 2 passes** Navigate to File and click Clear Test Plan(s)	The fields in the application empty out. The list of plans empties out and changes the current plan to failing tests if it is not already there.	The GUI resets to how it appeared at startup.
Select Test List (Jaden Abrams)	**Preconditions: Test 2 passes** In the dropdown menu of plans, click on the WolfScheduler test plan.	The active plan changes to the WolfScheduler plan. The failed test number changes to the number of tests in WolfScheduler that are failing and the list of tests regenerates to show the tests in WolfScheduler.	The current test plan changes to WolfScheduler and it shows the 3 test cases within the plan, 2 of them failing

Document Revision History

Date	Author	Change Description
10/21/2021	Jaden Abrams	- Created document - added description and test file - added test plans
11/4/2021	Jaden Abrams	Completed test plan