Project 2 Part 1 System Test

Document Author: Matthew Williams
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Introduction
This will test the program for any conflicts between the expected result and the actual result.

You start this program by right clicking SystemManagerGUI class in the package explorer. Then you select
 run as and then you select java application.

We will mainly be loading from a file called valid_file_1.txt the file is formatted like so:
```
! 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 Files
Prove the contents of any test files that are needed for testing.

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
Test 1 TestIfTestPlanTitleMissing	Preconditions: 1. Run the SystemManagerGUI class 2. Click load 3. Load from valid_file_1.txt 4. Click add test plan button 5. Enter nothing the text box below Test Plan Name? 6. Click ok	An error box appears that says invalid Test Plan name.	An error box appears that says invalid name.
Test 2 TestRemovingTestPlan	Preconditions: Run the SystemManagerGUI class Click load Load from valid_file_1.txt Click remove Test Plan button	The currentPlan and all associated test cases are removed.	The currentPlan and all associated test cases are removed.

Test 3 **TestIfIDMissingWhenAddingTestCase**	Preconditions: Run the SystemManagerGUI class Click load Load from valid_file_1.txt Add content into all text boxes of the TestCase section except for the ID Click add button	An error box appears that says invalid TestCase	An error box appears that says invalid Test Information
Test 4 **TestAddDuplicateTestPlan**	Run the SystemManagerGUI class Click load Load from valid_file_1.txt Click the add test plan button Enter wolfscheduler in all lowercase letters in the box Click ok	An error box appears that says unable add duplicates	An error box appears that says Invalid name.
Test 5 **TestAddingTestCasetoFailingTest**	Run the SystemManagerGUI class Click load Load from valid_file_1.txt Select failed test TestPlan Make sure all TestCase fields are valid (don't cause an error). Click add	An error box appears that says Failing test can't be modified directly.	The button is grayed out. This means that you can't directly add a test case to a failing test list.