Lab 12: Black Box Test Plan

Test Overview

To run the tests:
1. Right click on PackSchedulerGUI class in the Package Explorer.
2. Select Run As > Java Application

All tests files should be located in the test-files/ folder.

If you run all tests independently, you can close the GUI between each test. However, the tests are structured so that they may be run in order without shutting down the GUI.

Test Initialization

Each test should start with the following steps:
1. Log in as a registrar using the id "registrar" and password "Regi5tr@r"
2. Click on Student Directory button
3. Click on Load Student Directory button
4. Load test-files/student_records.txt. Click Select button.
5. Click Faculty Directory button
6. Click on Load Faculty Directory button
7. Load test-files/faculty_records_extended.txt. Click Select button.
8. Click Course Catalog button
9. Click on Load Course Catalog button
10. Load test-files/course_records.txt. Click Select button.
11. Logout.

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Test ID	Description	Expected Results	Actual Results
Test 1 Faculty assignment	Click on the first course Intro to programming 001 Click on instructor ashley witt Select "assign faculty to course"	Under course details the course's instructor id should be blank then after selecting "assign faculty to course" Awitt should appear in the instruction position	Under course details the course's instructor id should be blank then after selecting "assign faculty to course" Awitt should appear in the instruction position
Test 2 remove Faculty	Requirements test 1 Select remove faculty from course	Instructor id should be cleared from course details section	Instructor id cleared from course details section
Test 3 Check schedule	Log out of registar and log in as awitt with password pw	Instructors schedule should be blank	Instructors schedule blank