# 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** |
|  | Log in as registrar and go to the course catalog  Select the course CSC116 section number 001  and then select the remove faculty button | Then faculty id for CSC116 section 001 should say none |  |
|  | Select the course CSC116 section number 001  and then enter “awitt” and select the add faculty button | The faculty id for CSC116 section 001 should be awitt |  |
|  | Go to the faculty directory and select fmeadow and then click the reset schedule button | The number of courses for fmeadow should be 0 |  |