# SystemTestPlanner System Test Plan

Document Author: Jordan Robertson

Date: 10/26/2023

## Introduction

Provide an overview of your system plan. Describe how a tester would start the system.

## Test Files

Test1.txt

! 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)

## 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:  LoadTestPlanValid  By: Jordan Robertson | **Preconditions: None**     1. **Run SystemTestPlannerGUI.** 2. **Click File in the top left of the window and select the “Load Test Plan(s)” option.** 3. **Click “test-files” then click on “test-plans1.txt”, then click select.** 4. **Observe Results.** 5. **Close GUI.** | The Current Test Plan is WolfScheduler, the test plan PackScheduler is also in the dropdown.  The Test Cases section is contains 3 Test Cases. Under Test ID, Invalid File, then Valid File, lastly Add No Selection.  Under Test Type, Equivalence Class, then Requirements, lastly Invalid.  Under Test Plan, all of the rows show WolfScheduler. | The Test Cases section contains 3 Test Cases. Belonging to the Failing Test list. However when the current test plan is changed WolfScheduler, the actual results are as follows:  Under Test ID, Invalid File, then Valid File, lastly Add No Selection.  Under Test Type, Equivalence Class, then Requirements, lastly Invalid.  Under Test Plan, all of the rows show either PASS or FAIL. |
| Test 2:  SaveTestPlanValid  By: Jordan Robertson | **Preconditions: Test 1**     1. **Run SystemTestPlannerGUI.** 2. **Click File in the top left of the window and select the “Save Test Plan(s)” option.** 3. **Type STP.txt into name field, click “test-files”, and then click save.** 4. **Observe Results.** 5. **Close GUI.** | Opening up the STP.txt file should show that the contents will match with test-plans1.txt file. | Opening up the STP.txt file shows that the contents match with test-plans1.txt file. |
| Test 3:  EditTestPlanValid  By: Jordan Robertson | **Preconditions: Test 1**     1. **Run SystemTestPlannerGUI.** 2. **Click on the “Edit Test Plan” button.** 3. **Enter “NewWolfScheduler” when prompted to by the GUI.** 4. **Observe Results.** 5. **Close GUI** | The “NewWolfScheduler” test plan will replace “WolfScheduler” in the Current Test Plan drop down, it will also be before PackScheduler now. | The “NewWolfScheduler” test plan has replaced “WolfScheduler” in the order of the test plans has not been updated. |
| Test 4:  ClearTestPlanValid  By: Jordan Robertson | **Preconditions: Test 1**     1. **Run SystemTestPlannerGUI.** 2. **Click File in the top left of the window and select the “Clear Test Plan(s)” option.** 3. **Observe Results.** 4. **Close GUI.** | All the test plans are empty as well as their test cases. | All the test plans are empty as well as their test cases. |
| Test 5:  AddValidTestPlan  By: Jordan Robertson | **Preconditions: Test 1**     1. **Run SystemTestPlannerGUI.** 2. **Click the “Add Test Plan” button.** 3. **Enter “NewTest” when prompted to by the GUI.** 4. **Observe Results.** 5. **Close GUI.** | The “NewTest” test plan will be the first plan displayed in the drop down of the Current Test Plan in the Test Plans section. | The “NewTest” test plan is the first plan displayed in the drop down of the Current Test Plan in the Test Plans section. |