

Course Scheduler Final Project Part 1 Test Script

This is a scenario that you can use to test Course Scheduler Final Project Part 1. It is not an exhaustive test, but tests almost all of the conditions your program should handle.

When you submit your project, all the tables in the database should be created but should be empty.

Script:

-Add Semester - 2021 Fall

- after adding the semester, the semester should appear in any semester combobox. It should also appear as the current semester.
- all Add commands should display a line that states that, in this case, the semester was added.

-Add Semester - 2022 Spring

- all semester comboboxes should be updated

-Add Course - Cmpsc131 - Intro to Programming

- Cmpsc131 added to course comboboxes.

-Add Course - Cmpsc132 - Data Structures

- Cmpsc132 added to course comboboxes.

-Add Course - Physics101 - Intro to Physics

- Physics101 added to course comboboxes.

-Add Course - Biology101 - Intro to Biology

- Biology101 added to course comboboxes.

-Set the Current Semester to 2021 Fall

-Add Class - Cmpsc131 - 2

- Cmpsc131 added to class comboboxes.

-Add Class - Cmpsc132 - 2

- Cmpsc132 added to class comboboxes.

-Add Class - Physics101 - 2

- Physics101 added to class comboboxes.

-Add Class - Biology101 - 2

- Biology101 added to class comboboxes.

-Add Student - 111111111- Sue - Jones

- Jones, Sue added to student comboboxes.

-Add Student - 222222222 - Sam - Roberts

- Roberts, Sam added to student comboboxes.

-Add Student - 333333333 - Shawna - Sampson

- Sampson, Shawna added to student comboboxes.

-Add Student - 444444444 - John - Jensen

- Jensen, John added to student comboboxes.

-Display Classes

- a table of all four classes should be displayed showing CourseCode, Description, Number of Seats.

-Schedule Classes - Jones, Sue - Cmspsc131

- message displayed that the class was scheduled.

-Schedule Classes - Jones, Sue - Physics101

- message displayed that the class was scheduled.

-Schedule Classes - Roberts, Sam - Physics101

- message displayed that the class was scheduled.

-Schedule Classes - Roberts, Sam - Cmspsc131

- message displayed that the class was scheduled.

-Schedule Classes - Roberts, Sam - Biology101

- message displayed that the class was scheduled.

-Schedule Classes - Sampson, Shawna - Biology101

- message displayed that the class was scheduled.

-Schedule Classes - Sampson, Shawna - Physics101

- message displayed that the class was waitlisted.

-Schedule Classes - Jones, Sue - Biology101

- message displayed that the class was waitlisted.

-Display Schedule - Jones, Sue

- displays a table of CourseCode and Status with:
- Cmpsc131 - scheduled
- Physics101 - scheduled
- Biology101 - waitlisted

-Display Schedule - Roberts, Sam

- displays a table of CourseCode and Status with:
- Cmpsc131 - scheduled
- Physics101 - scheduled
- Biology101 - scheduled

-Display Schedule - Sampson, Shawna

- displays a table of CourseCode and Status with:
- Biology101 - scheduled
- Physics101 - waitlisted

-Change Semester to 2022 Spring

-Add Class - Cmpsc131 - 2

- Cmpsc131 added to class comboboxes.

-Add Class - Physics101 - 2

- Physics101 added to class comboboxes.

-Display Classes

- a table of two classes should be displayed showing CourseCode, Description, Number of Seats.

-Schedule Classes - Jones, Sue - Cmpsc131

- message displayed that the class was scheduled.

-Schedule Classes - Jones, Sue - Physics101

- message displayed that the class was scheduled.

-Schedule Classes - Sampson, Shawna - Physics101

- message displayed that the class was scheduled.

-Display Schedule - Jones, Sue

- displays a table of CourseCode and Status with:
- Cmpsc131 - scheduled
- Physics101 - scheduled

-Display Schedule - Sampson, Shawna

- displays a table of CourseCode and Status with:
- Physics101 - scheduled

General conditions of testing:

- the results of any action are displayed to the user immediately after the action is performed without the user needing to check a Display function.
- All affected combo boxes are updated immediately after each action is performed.