Will Kelsey

Nick Krysko

Unit Test Cases

Likely:

Unlikely:

In the unlikely test scenario, data is imputed in a way that follows the flow of the program, however inputs undesired or unexpected values. For the sake of this test, values imputed will not cause a segmentation fault, allowing the full test to run through. When testing logins, it was not possible to log into the program without the previously stored login credentials. It will yell at you for incorrect credentials. Once a successful login is inputted, tests were conducted with every option. Generally, all the view functions work as intended. However, functions that require user input can probe to be difficult. Within student, it is possible to register for a course that does not exist and drop a course that is not in the student’s schedule. The latter is less of an issue as it only returns to the menu. For administrators after a successful login, creating a course does not check for a valid input. When asked for the year, its possible to say none. For the subject, it could be all. However, when setting the instructor if a space is used within whatever name, this will cause an infinite loop and crash the program. Given the instructor name does not contain a space, the program does not check if it’s a valid username. Finally the instructor does not have any inputs needed and is mostly a view only login.

|  |  |
| --- | --- |
| Likely Test Case | Unlikely Test Case |
|  | 1  willk  password1  1  2  125790  3  123451  4  5  1  kryskon  password1  1  12  none  all  nonofyobuisness  2  123456678  3  1  carpentera1  professor  1  2  3  10 |