Test Cases

1. If a user attempts to schedule a class without time conflicts, without a full roster, with the necessary prerequisites, and within the class list, the system adds the class to the schedule.
   1. Inputs: \*schedule a course without time conflicts, without a full roster, with the necessary prerequisites, and within the class list\*
   2. Expected Output: “The course has been successfully added to your schedule.”
   3. Actual Output:
   4. Pass/Fail Criterion: Actual output must equal expected output for pass
2. If a user attempts to add a course to his/her already completed courses and the course is in the course list, the system adds the course to the list.
   1. Inputs: \*add a course to a completed courses list that is in the course list\*
   2. Expected Output: “The course has been successfully added to your completed courses”
   3. Actual Output:
   4. Pass/Fail Criterion: Actual output must equal expected output for pass
3. If a user attempts to add a course to his/her already completed courses and the course is not in the course list, the system denies the request and displays a relevant message.
   1. Inputs: \*add a course to a completed courses list that is not in the course list\*
   2. Expected Output: “The course has not been added:” “Course Not Found”
   3. Actual Output:
   4. Pass/Fail Criterion: Actual output must equal expected output for pass
4. If a user attempts to schedule a class with a time conflict, with a full roster, without the necessary prerequisites, or not within the class list, the system denies the request and displays a relevant message.
   1. Inputs: \*schedule a course with time conflicts, a course with a full roster, a course without the necessary prerequisites, and a course not within the class list\*
   2. Expected Output: “The course has not been scheduled:” “Time Conflict” or “Roster Full” or “Prerequisites Not Met” or “Course Not Found”
   3. Actual Output:
   4. Pass/Fail Criterion: Actual output must equal expected output for pass