Verification:

1. Experiment with behavior of product

Feature: finding

Scenario: finding conflicts.

Given the time "<input>" and the class ID "<input>"

When the system is run

Then the schedule conflicts should be "<output>"

When we input the class ID and the time we want to move the class to, the result should be that the conflicts that every students have after moving the class to a new time. And list them from high priority to low priority.

Scenario: finding students.

Given the class ID "<input>"

When the system is run

Then all the students in the class should be "<output>".

When we input the class ID the result should be that every students in the class.

Scenario: finding schedule.

Given the time "<input>"

When the system is run

Then all the classes in that time slot should be "<output>".

When we input the time we want to move the class to, the result should be that every class in that time slot or none.

Feature: suggesting

Scenario: finding conflicts.

Given the time "<input>" and the class ID "<input>"

When the system is run

Then the schedule conflicts and suggesting schedule should be "<output>"

When we input the class ID and the time we want to move the class to, the result should be that the conflicts that every students have after moving the class to a new time. And list them from high priority to low priority.

And it also should show a suggesting schedule.

2. Analyze product to deduce its adequacy