

SOFTWARE ENGINEERING (503074) (WEEK 09) UNIT TESTING by P.T.K.Trung

EXERCISES

Using pre-supplied source code (UnitTestExercise.zip), create unit tests project to test the functions in the StudentManager class.

- 1. The full test case is required based on the description of the methods.
- 2. Make a list that indicates the results of running each test case: success or failure.
- 3. Correct StudentManager's code so that the test cases run properly.

HOMEWORK GUIDE

Download project UnitTestExercise.zip on classroom, unpack and do directly inside this project. In the project there are two classes Student.cs and StudentManager.cs, where StudentManager.cs has methods to manage a list of students. Each method comes with a description of the function requirement in the comments section.

In there (comments on StudentManager.cs):

- The comments section is a description of exactly what the method needs to conduct.
- The code is a description-based reality, but may not be 100% as required.

Your mission is:

- Create a Unit Test project with C# (refer to class exercise example "BasicMath")
- Based on the description in the comment to write the testcase to test the methods.
- Each method may require multiple testcases to test.