WeightedGrade3 Application

Project Overview:

The WeightedGrade3 application is used for teacher to calculate the weighted grade for the assignment based on the earned grade, total grade, percentage and number of assignments. It provides a good way of evaluating the student’s performance for the courses and also give some flexibility of change the weight or number of assignment easily.

Class:

Test03:

WeightedGtade3

UML as follows

Graphical user interface

Description automatically generated

Limitations and Future iteration:

The current application has some limitation, for example, when user input an invalid number or character like “a”, the system is unable to detect those problem and that might cause a crash for the whole program. Another limitation is that it is not easy to go back to reinput the information if people suddenly find that they have the wrong input previously. They have to wait until all the input has been finished.

So the future integration should solve those two problem. First, it should have a more sophisticated system to tell the user when they have the unreasonable input especially when people get something wrong. We can also design some graphical interface to help user have a better experience of using this application. Another iteration is to design the system as a web application so that people can get the service through the web.