Success Criteria for Product:

Success Criteria for Product: (resourced from Criterion A – Planning)	Success of the Criteria

• User can input results of a student
    o Information Includes:
        ▪ Name
        ▪ Grade
        ▪ Year
        ▪ Class
        ▪ Categories of results
	This area was successful, the input of scores is not as organized but is fairly clear.

• Input boxes clear once results submitted	This area was successful.
• Data input gets sent directly to result table in a time period of max 2 seconds	This area was successful. Added feature of adding a row everything a new student is entered.

• Data table can be sorted and searched
    o Data table is sorted
        ▪ by Class
        ▪ by Year
        ▪ by Date Input
    o Data table can be searched
        ▪ Name of Student
	This area was partially successful. The search of the student by name was not carried out, as it was too complex to then restore the table to its original contents, therefore the search was simplified to a sort by names.

• Table with all the data can be saved to a file that stores all the results permanently	This area was successful. Additionally to my plan, the application automatically done when application is closed.

• Is easy to use
    o All input boxes are labeled and clear
    o Hover Boxes with examples
        ▪ Example of past student
        ▪ What unit of the input should be in
	This area was successful. The units the results should be input in are not in the hover boxes but directly shown in the GUI for the timed results.

• Teacher can open old data to look at all the students in the past o Program creates a master file where all data gets saved to	This area was partially successful. The program does not create a master file but the user creates their own file(s).
• Program finds the best result for each category	This area was successful, although this section was most likely the most difficult part of my program.
• User find averages of scores for any	This area was successful,

chosen category
    o Different sorting of averages
          ▪ By Class
          ▪ By Year
	although this section was very challenging.

• Loading speed is within a few seconds	This area was successful. The program was tested with a reasonable amount of students, but even to extended amount of students the program is expected to still be successful in this criteria.

Recommendations for Further Improvements:

Evaluation Interview:

"What are the things you most appreciate about this program?

That I will not have to do all this processing by hand.

What are the things that you would change about this program?

I don't know yet as I have not been able to fully use it with my class yet, but from how I've seen the program works there is nothing apart. Just that it would be ideal if the students could input the data on their own laptops, and not all having to input it on my (one) laptop.

Are there any features you feel that there are any features missing?

From looking at the program there is nothing I can think of but I might come up with some features as I start actually using the program.

Are you satisfied with the display and sorting of the student's information?

Yes I am. That looks like it could work quite well."

Extensibility List:
- Having the program running online, so that the data can be input from different computers, and then processed by the one computer (or more). This is realistic if next programmer can do HTML, because the data input will just be sent, and the main computer/program will do all the processing.
- Having the program being able to find "All time" best scores. This is quite realistic, just extra work.

- Having the program being able to do averages and best scores sorted by genders as well. This is quite realistic, because it is just an extra criteria for the sorting part.
- Be able to search for specific students. Should be quite simple, but the problem is returning to the original table with all students.
- Having the program compare the students' scores to "accepted" scores (i.e. how many are below, how many above and how many are close or the same.) This is realistic, because the algorithm would be simple, but would require a significant amount of work to make the code.

Summary:

The main suggestion from Ms. Boughey was that the students would be able to input data through their own laptops, and have it sent to Ms. Boughey's computer, without the other students seeing the others scores. Otherwise she was satisfied with the products, so the other extensions are my suggestions.