

Criterion E: Evaluation

Evaluation of the product

1. Data entries will allow the client to create new students, subjects, classes and grades
 - ✓ Met, new entries can be made by clicking Students – New, Subjects – New, Classes – New, Grades – For Class – (select parameters) – Type data in
2. Client will be able to edit and/or delete any entry at any moment
 - ✓ Met, anything can be altered or deleted by clicking Students – Update/ Delete, Subjects – Update/ Delete, Classes – Update/ Delete, Grades – For Class – (select parameters) – Change whatever necessary
3. Averages will be calculated automatically if student has all grades required (three trimesters and final-exam grade, which will be considered as a fourth trimester)
 - ✓ Met, when individual records are printed, an automatic check is done; If the student has all grades, his average score is calculated and printed as well
4. Client will be able to see her entries by printing them on a browser
 - ✓ Met, HTML files are created, so when the client clicks on Print of any kind, a browser opens with all the information
5. Sorted printed files using student Ids
 - ✓ Met, students appear according to their ID number
6. Very user-friendly interface
 - ✓ Met, very straightforward and easy to use, nothing fancy or over the top
7. Security questions when exiting before cancelling changes
 - ✓ Met, every time the user tries to make a change and then press cancel, they will be asked if they are sure, since all changed will be lost. That way, mistakes and accidents can be minimised
8. Can be used on multiple operating systems
 - ✗ Not met, since the program was developped using Windows. However, this is the operating system the client mainly uses and this can be fixed in future versions

The product works as expected for the most part, the drawback being it can be used only on Windows.

Recommendations for Further Development

- Minor Improvements –

- A security question when exiting before saving as well. According to the client, this accident happened only once, but still it would be a good idea for the future.
- Better names for some of the buttons, so that it will be easier for the client to remember what does what

- Major Improvements –

- Data validation: at first, the client had requested to allow any kind of characters in Student Name and Surname, Subject Name etc., so that she could be able to make small notes and write everything her way. However, after using the product, she said that accidental mistakes were often and that she had to go check and edit things again and again, which is both inconvenient and time-consuming.
- Nicer interface: the purpose of the program was functionality, so not much thought was given to the appearance. The client asked for a prettier interface, which would make her work a lot more pleasant.

Extensibility

The client was satisfied with the final result. After the training took place and the client was able to give me feedback, we discussed about how the program can be modified and expanded. After a lengthy conversation, we concluded that the following modifications could be made:

- The program should be able to be run using different systems, since the program as it is right now can only run on windows.
- This is a single user application – however, it can be modified so multiple teachers can use it (creation of user accounts with passwords, different features for different subjects etc.)

The rest of the modifications were not this major and can be seen in Criterion E under the “recommendations for further development” part.

word count: 601