Criterion E: Evaluation

Criteria for success

The Program successfully gathers inputted Excel with schedule and allows for complete modification of teachers (including TOK teacher), as well as, classrooms. Then, the Program correctly interprets inputted data allowing the user to see specific building situations' information, and creates an Excel file with assigned classrooms. Therefore, all criteria for success are accomplished. The entire experience of solving the problem of the Client with a digital solution enchanted my Computer Science skills, and if not the Internal Assessment, I would not have been able to learn all these technologies in DP2, for which I am praising and cheerful from the outcome of the work.

Final Client Feedback

Final feedback form the Client:

The program works, accepts an Excel file and creates a solution. It allows you to add and edit teachers and add and edit preferences.
There is no confirmation that the file upload was done. Since the program will be needed once a year, an "Information" option would be useful, where you can remind yourself how to do individual elements.
The program is simple and readable, but the font should be larger. It would also be useful to have an option to "generate any room assignment" without preferences and teacher assignment, to check if there is a solution.

Regards

Although the client is looking for confirmation of file upload and is seeking cosmetic improvements, the mentioned issues are rather easy to improve, and the part strictly regarding the Program assures of the successfulness. There are no information regarding not meeting stated requirements, on which basis I recognize the program development as successful.

(For full reference, please familiarize yourself with the Appendix)

Recommendations for Further Development

I did my best to restrict the place for development, however as my client wrote, there are small places for the improvement:

I dream of:
- The program informed me that the file had been uploaded/downloaded
- There should be a button at the beginning with information on what to upload and how
- so that you can click "generate without conditions" to check whether it is possible to create any allocation, but not currently has more groups than rooms

Apart from that it's good :)

Regards

Described further development, would make the Program more readable, and describe changes that could occur at each step. The Program would benefit as it would no longer require the user to be fully familiar with the functionality. Another thing about which I dream is the improvement of the assigning algorithm. Although it works perfectly fine, from the perspective of time I would write it completely differently and develop it further.

Nevertheless, I am cheerful about the outcome of the work, and with the limited time frame, I am more than prepared to continue the development of the Program.

Extensive writing word count: 277

Appendix:

Final Client Feedback:

My request for feedback:

Could I also kindly ask you to in English refer with one sentence to my Criteria for success?
Here are my Criteria for Success of the
Program:

My client can:

Input an Excel file with a schedule (Criterion 1).

Add and remove teachers from the program's memory (Criterion 2).

Edit classrooms' screen availability, name, and size (Criterion 3).

Edit teachers' screen availability preferences, favourite classrooms, and subjects held with their sizes (Criterion 4).

Check empty classes and empty places in the given classroom at a given hour (Criterion 5).

The program:

Complies with specific scenarios regarding teachers' preferences and then assigns classes by size (Criterion 6).

Returns an Excel file with classrooms' numbers beside the subject (Criterion 7).

Thank you once again for your feedback
Sincerely

Original Client response:

Program działa, przyjmuje plik Excel i tworzy rozwiązanie. Umożliwia dodanie i edycję nauczycieli oraz dodanie i edycję preferencji. Brakuje potwierdzenia, że upload pliku został wykonany. Jako, że program będzie potrzebny raz w roku, przydałaby się opcja "Informacji", gdzie można przypomnieć sobie, jak wykonać poszczególne elementy.
Program jest prosty i czytelny, ale czcionka powinna być większa. Przydałaby się również opcja "wygeneruj jakikolwiek przydział sal" bez preferencji i przypisania nauczyciela, aby sprawdzić czy istnieje rozwiązanie.

Pozdrowienia

Future development Client feedback:

Original email in Polish:

do mnie ▼

Marzy mi się, by:
- Program dawał znać, że plik został wgrany/pobrany
- By na początku był guzik z informacjami, co wgrywać i jak
- by można było kliknąć "wygeneruj bez warunków" po to by sprawdzić czy da się stworzyć jakikolwiek przydział, ten że nie ma w danej chwili więcej grup niż sal

Poza tym jest dobrze :)

Pozdrowienia