Criterion E: Evaluation

Success criteria:

Functioning athlete object that stores values	All of the features function using the athlete object to store values
Able to scan a .csv file and return the values from it	The program scans the .csv file and returns values from it
Searching and sorting feature that allows for the .csv file to be searched for specific values and sorted by the date	The scanned values can be searched through to find the correct entries and these entries are sorted by date
User interface that allows the user to get from feature to feature	The client was able to operate the program and use all it's features
File explorer that can get the location of the selected file	Look In: Desktop Name Size Item type Date modified Creative Cloud Files OneDrive 3/17/21 4:0 3/13/21 10: This PC Libraries Network File Name: Files of Type: All Files Save Cancel
Search by name feature functioning, allowing the user to input the first and last name or just last name of an athlete and get the latest response returned	The search by name feature functions as it should and has a well working GUI Enter athlete name here (first then last or just last) Search for last attended practice Name Date Email Sport Question 1 Question 2 Question 3 Lines Scanned Back Exit
Error handling is finished and the client is not confused	The error handling is complete and my client did not run into any errors with operating the program

I believe that all of my success criteria were met because the code works properly and I got clear confirmation from the client that he was happy with the product and that each individual success criteria was met (appendix transcript 2). The reason why the first success criteria was not addressed in that conversation was because it is a coding question my client would not be able to answer, but the fact that the code itself works properly is enough to say that the success criteria for having a working athlete object is met.

Recommendations for Future Development

On the coding side of things, the largest thing that I would change if I redid this project would be to make the file searching algorithm a method that I called within each button. The reason why I did not do this originally was because I was not anticipating making the two extra features my client suggested after I delivered the prototype.

In addition, the Netbeans swing editor allowed for very easy setup of the GUI, but it also hindered it because of issues with lining things up and resizing. The program has to stay in the same size panel it starts in because the swing editor was extremely difficult to make resizable.

Finally, I would have loved to have had more time to coordinate with my client and really polish the program by going through multiple prototyping phases with more meetings to discuss further features to add.

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