

Criterion E: Evaluation

I had a final interview with my client where I showed them my complete program. We went through the success criteria together to ensure that it met every requirement, as well as discussing any future improvements that could be made. The full interview can be found in the appendix.

Success criteria	Has this been met?
Allow different users to create accounts and log into them	Using the signup page, users are able to add a new username and a corresponding password to the database. On the login page users can use their usernames and passwords for data collected about them to be saved to their individual profiles. “Yep, I managed to create my own account, and log in successfully.”
Allow the user to choose a mode to practise their typing	The game modes page, the user can choose one of two game modes to practise. “Yeah, there was the mode to checking my progress and two separate modes for practising accuracy and speed which I really liked.”
Take user input from their keyboard	Each of the game modes, as well as the login/sign up pages take input from the user’s keyboard. “Yep, I used my laptop to test it and it all worked perfectly.”
Recording which words/letters they get right/wrong the most	Using the “Evaluation” game mode, the user’s scores for speed are recorded in a CSV file. “Yeah, using the progress check I could see that it had recorded that data.”
Able to suggest words/letters more often if the user gets them wrong a lot	Using the “Evaluation” game mode, the user’s scores for accuracy are recorded in a CSV file. “I think I could see that a bit when I was trying out the practise games, as one word I got wrong a few times.”
Show the user which words/letters they are best/worst at typing	The “progress check” pages can be used to see all of the data recorded about the user’s typing scores. “It did that too, as I said earlier, I could check all that information in the progress check pages.”
Show the user how they have improved over time	The “evaluation progress check” page includes the date and time that the test was taken, and they are displayed in chronological order and so the user can see how their scores have changed. “Yeah, the entries on those pages were in time order so I could see how my scores had improved.”

Allow different users to compare their scores with each other	<p>Using the “all users progress check” page, users can see all of the tests taken by all users which have used the device.</p> <p>“Yeah, I was really impressed with this part as I could see other users on a page separate to my own scores.”</p>
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Future improvements

Suggested by client:

The only thing which my client said that the current application looks a little “bland” and so improving it to make it more interesting for the user would definitely be something that my client would be interested in me working on. This could be done by using different fonts, colours and even images for different buttons to make the program appear more user friendly.

Personal ideas:

The main way in which I think that my product could be improved in terms of security. The usernames and passwords are able to be opened and read from by anyone using the program. This could be improved through encryption to make it harder to see others passwords. This could be done simply by shift the characters of the users passwords’ Unicode values when they are saved into the database, and then shift them in the opposite direction when they are read. This would mean that the passwords saved in the database will not work when entered in to the program.