

I. IDENTIFICATION DATA

Thesis title:	Rozvoj statistik v aplikaci FitWolfe
Author's name:	David Bulko
Type of thesis :	master
Faculty/Institute:	Faculty of Electrical Engineering (FEE)
Department:	Department of Computer Science
Thesis reviewer:	Ing. Karel Frajták, PhD.
Reviewer's department:	Department of Computer Science

II. EVALUATION OF INDIVIDUAL CRITERIA

Assignment	challenging
The assigned project was challenging – the author decided to extend the previous work with an extensive set of statistics.	
Fulfilment of assignment	fulfilled
The assignment was not properly specified in the thesis details. However, the goal to extend the applications with various statistics was fulfilled. The primary goal was achieved.	
Methodology	correct
The chosen approach is correct. First the reader is introduced to the scientific approach to muscle building. The problem is well analyzed, then a solution is designed and implemented. The author decided to consult the experts in this area (personal trainers) who helped during the analysis and later in the UX improvement phase.	
Technical level	B - very good.
The student did employ expertise in the field of his study. The process is clearly explained. I would expect the application of such exposure with growing audience to be thoroughly tested, only 58% line coverage at the moment. Author missed the opportunity to use the previously defined user scenarios for acceptance testing. I do value the user acceptance testing when the members of target audience	
Formal and language level, scope of thesis	A - excellent.
The thesis is organized in a logical way. The first part is an excellent introduction into the area of training statistics and how the access to those numbers can improve the muscle building. In the text various user stories are introduced. These user stories are given to the experts to categorize them. This approach to is quite unusual in master thesis projects. The chapters discussing the implementation are not that captivating. The language is clear and understandable. The level of English is satisfactory with some minor mistakes (back-end/front-end is one word).	
Selection of sources, citation correctness	A - excellent.
Most of the references are online sources which is understandable in this type of work. Sources are correctly cited.	
Additional commentary and evaluation (optional)	
Author have demonstrated his high dedication to the project with respect to target audience.	

III. OVERALL EVALUATION, QUESTIONS FOR THE PRESENTATION AND DEFENSE OF THE THESIS, SUGGESTED GRADE

I have no further comments on the work.

Questions for the student:

1. The unit tests before the addition of the stats ran for 5.5 minutes, after the stats were added the execution time was 3 seconds. How is that possible? Why was that not explained?
2. With the growing audience and growing number of clients of each coach, the UX may deteriorate. Has the author thought about employing AI to decrease the amount of work of each personal coach?

The grade that I award for the thesis is **A - excellent**.

Date: **27.5.2022**

Signature: