

I. IDENTIFICATION DATA

Thesis title:	AI voice-guided app for runners
Author's name:	Kryštof Gärtner
Type of thesis :	bachelor
Faculty/Institute:	Faculty of Electrical Engineering (FEE)
Department:	Department of Computer Science
Thesis reviewer:	Ing. Karel Frajták, PhD.
Reviewer's department:	System Testing IntelLigent Lab (13144)

II. EVALUATION OF INDIVIDUAL CRITERIA

Assignment	challenging
The assigned project was challenging – the student had to create a working prototype of a mobile application with modern features in quite a short time (shorter than it usually takes to develop such an application). The application uses large language models (LLM) and prompt engineering, technologies introduced quite recently.	

Fulfilment of assignment	fulfilled
The assignment was fulfilled. The result of the work is a working application.	

Activity and independence when creating final thesis	A - excellent.
Student demonstrated ability to work independently. He was well prepared for consultations.	

Technical level	A - excellent.
The problem was approached from two different directions. The first is the software development direction – analysis of the problem, specifying requirements, implementation, and testing. And second is the LLM direction – how to create the prompt to get the most relevant answer not in the plain text but also including special markup for voice narration, also addressing the issues of user data protection and cost analysis. The thesis is not very long, but it is clearly explained what was done.	

Formal level and language level, scope of thesis	A - excellent.
The thesis is well organized. The language is clear and easy to read. The English is satisfactory.	

Selection of sources, citation correctness	B - very good.
The student could have spent more time on the research. The citations are cited correctly.	

Additional commentary and evaluation (optional)	
The student found an area where LLMs could be used and created a working application. The application is not yet ready to be shipped, but I hope its development will carry on.	

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

I don't have any further comments apart from above.

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

Date: **10.6.2024**

Signature: