

I. IDENTIFICATION DATA

Thesis title:	Mikroservisní vzory v markdown online editoru
Author's name:	Chaban Yevhen
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

II. EVALUATION OF INDIVIDUAL CRITERIA

Assignment	ordinarily challenging
The assignment is ordinarily challenging. However, student had to face challenges of the target platform where the solution was supposed to be deployed.	

Fulfilment of assignment	fulfilled with minor objections
Assignment was fulfilled. The iterative approach was not described in the thesis. The author does not explain his intents sufficiently.	

Methodology	partially applicable
The introduction is short, the reader must be familiar with text of the thesis written by another student and author does not reference the previous work often, so the intent is not very clear. The work student did is not clearly explained, it not explained what problems were and why they were solved this way – for example why the configuration file had to parsed and converted to AST and manipulated this way since it has JSON structure (p. 15) with some JavaScript methods (as per documentation) and the intent to make a user-friendly editor where the users certainly won't be editing those methods and JSON only approach would be sufficient; or why the author decided to implement (half of) CQRS pattern – were there performance issues with the original solution that had to fixed? In chapter 5.1.2 the author describes the new components resulting from CQRS pattern implementation to be “loosely coupled” when none of these components cannot exist without the other. Or why user testing was chosen, why there are no automated tests?	

Technical level	D - satisfactory.
Through the text author explains what must be done and what he did and what challenges he faced. The author does not demonstrate expertise in the field of study on the level expected from a thesis.	

Formal and language level, scope of thesis	D - satisfactory.
The thesis is written in English using informal approach, the text was not proofread and there is number of grammar errors. In some places the text is hard to read and understand. Thesis is not very long.	

Selection of sources, citation correctness	D - satisfactory.
The cited resources are mostly online sources and are cited correctly. I prefer online sources to be cited in the form of footnote, but that would leave us with less than 10 sources only.	

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

My concerns were summarized above. I would like the author to address them.

The grade that I award for the thesis is **D - satisfactory.**

Date: **9.6.2023**

Signature: