

I. IDENTIFICATION DATA

Thesis title:	Webové komponenty pro otevřené formální normy
Author's name:	Luňák Vojtěch
Type of thesis :	bachelor
Faculty/Institute:	Faculty of Electrical Engineering (FEE)
Department:	Department of Computer Science
Thesis reviewer:	Max Chopart
Reviewer's department:	Department of Air Transport

II. EVALUATION OF INDIVIDUAL CRITERIA

Assignment	challenging
<i>How demanding was the assigned project?</i>	
The project was challenging as it required good knowledge and understanding of linked data, semantic web, and ontologies. Also, the actual implementation required both front-end and back-end sides using non-trivial technologies.	

Fulfilment of assignment	fulfilled
<i>How well does the thesis fulfil the assigned task? Have the primary goals been achieved? Which assigned tasks have been incompletely covered, and which parts of the thesis are overextended? Justify your answer.</i>	
Even though some requirements from the MoSCoW method were not implemented, all the "must have" ones were implemented. Missing ones are non-critical for the project. Also, all the points from the guidelines were done.	

Methodology	outstanding
<i>Comment on the correctness of the approach and/or the solution methods.</i>	
The methodology of the student is perfectly relevant for the topic and covers all the necessary points to deliver the project. The issue is understood, and the process workflow reflects it. I only have one comment regarding the testing part, it would have been appreciated to make the application tested by someone outside the knowledge-based group to make it more objective and have the UX/UI tested by non-experienced users.	

Technical level	A - excellent.
<i>Is the thesis technically sound? How well did the student employ expertise in the field of his/her field of study? Does the student explain clearly what he/she has done?</i>	
The design of the solution as well as its implementation is well thought out and applied. I appreciate the clear description of the requirements. The implementation itself is as well very clear and of quality.	

Formal and language level, scope of thesis	A - excellent.
<i>Are formalisms and notations used properly? Is the thesis organized in a logical way? Is the thesis sufficiently extensive? Is the thesis well-presented? Is the language clear and understandable? Is the English satisfactory?</i>	
Overall, the thesis is very understandable and well structured which makes it natural to read. The reviewer can easily understand the logic behind it.	

Selection of sources, citation correctness	B - very good.
<i>Does the thesis make adequate reference to earlier work on the topic? Was the selection of sources adequate? Is the student's original work clearly distinguished from earlier work in the field? Do the bibliographic citations meet the standards?</i>	
All citations and sources were appropriate. More sources regarding semantic web would have been appreciated.	

Additional commentary and evaluation (optional)
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Comment on the overall quality of the thesis, its novelty and its impact on the field, its strengths and weaknesses, the utility of the solution that is presented, the theoretical/formal level, the student's skillfulness, etc.

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

Summarize your opinion on the thesis and explain your final grading. Pose questions that should be answered during the presentation and defense of the student's work.

Overall, the thesis has very high quality in terms of content but also in terms of form and layout. I appreciate the clear and structured methodology, as well as the good quality of the implementation.

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

Question:

- **Why were the tests (validation) done only on people from the knowledge-based research group? As the aim was to decrease speed and make it user-friendly, I think it could have been interesting to make it test by users non-familiar with semantic web and the SForms (as real end users will also not be).**

Date: **2.6.2023**

Signature: