THESIS REVIEWER'S REPORT

I. IDENTIFICATION DATA

Thesis title:	**Semantic services for tasks in aircraft maintenance planning domain**
Author's name:	**Artem Grigorian**
Type of thesis :	master
Faculty/Institute:	Faculty of Electrical Engineering (FEE)
Department:	Department of Computer Science
Thesis reviewer:	Ing. Martin Kála
Reviewer's department:	Czech Airlines Technics a.s.

II. EVALUATION OF INDIVIDUAL CRITERIA

Assignment	**Choose an item.**
How demanding was the assigned project?	
The goal of thesis as described is very complex and all issues were solved. I have literally no complaints regarding thesis goals.	

Fulfilment of assignment	**Choose an item.**
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.	
The thesis fulfilled given goal completely. The proposed solution has been independently checked and implemented in day-to-day usage. This increased effectivity of works and tasks done during the day for Planning staff in Heavy Maintenance, especially then in CSAT a.s.	

Methodology	**Choose an item.**
Comment on the correctness of the approach and/or the solution methods.	
Based on the student´s approach described in the thesis, student was able to fully understand the issue and delivered solution reflected logical step-by-step workflow.	

Technical level	**Choose an item.**
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?	
System design described and applied is on high level which is also reflected in prototype which can be found in Chapter 6 and later in Chapter 7 when testing it.	

Formal and language level, scope of thesis	**Choose an item.**
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?	
The scope of the work covers a variation of subtopics to cover whole issue defined in goal of thesis, which is for student not involved in aviation maintenance, very difficult. The thesis is on a very good level of language.	

Selection of sources, citation correctness	**Choose an item.**
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?	
All citations met all requirements and were found appropriate from my point of view.	

Additional commentary and evaluation (optional)
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.

Considering the scope of thesis and aim on aircraft maintenance, I found this thesis very innovative. It is shown that a high degree of automation can be used during whole process, so this solution will save a lot of time which can be spent more effective on other tasks. What I see as disadvantage is maybe maintaining the operability of the software after a longer period of time.

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.

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

Date: **19.1.2022**   Signature: