

I. IDENTIFICATION DATA

Thesis name:	Software complex for automated scheduling
Author's name:	Guzel Mingazova
Type of thesis:	master
Faculty/Institute:	Faculty of Electrical Engineering (FEE)
Department:	Department of Computer Science
Thesis supervisor:	Ing. Miroslav Bures, Ph.D.
Supervisor's department:	Department of Computer Science

II. EVALUATION OF INDIVIDUAL CRITERIA

Assignment	challenging
<i>Evaluation of thesis difficulty of assignment.</i>	
I consider the topic of scheduling as rather challenging, as there is number of issues to solve to achieve optimal algorithms.	

Satisfaction of assignment	fulfilled with minor objections
<i>Assess that handed thesis meets assignment. Present points of assignment that fell short or were extended. Try to assess importance, impact or cause of each shortcoming.</i>	
Due to my opinion, all points of the assignment have been fulfilled. However, documentation of the software package for scheduling can be improved to fulfill common standards of software project documentation.	

Technical level	C - good.
<i>Assess level of thesis specialty, use of knowledge gained by study and by expert literature, use of sources and data gained by experience.</i>	
The main strength of the thesis is the presented scheduling model. Also the review of the current available scheduling solutions is documented well documented, including the main approaches employed in this area.	
Nevertheless, regarding the fact, that the thesis is presented in Software Engineering specialization track, I would suggest to extend the documentation of the implemented program by more details, complying with a documentation of a standard software development lifecycle: requirements, design and specification, implementation details, deployment model and testing and verification. More clear description of the individual modules, their architecture and deployment would be desired in this point.	

Formal and language level, scope of thesis	D - satisfactory.
<i>Assess correctness of usage of formal notation. Assess typographical and language arrangement of thesis.</i>	
Typographical level of the presented thesis can be improved in several points. In the PDF text, some lines are printed by different font. Enumerations and bullet-point lists can be formatted in more suitable style to allow better readability of the text. Headlines of subsections shall be printed by different font to support better visual structuring of individual parts of the thesis. I would suggest capitalizing the letters in the thesis title. Titles of some of the figures (e.g. Fig. 2.1) are too brief, for better clarity, more descriptive title would be appropriate. Also, as tables are actually presented in figures 2.1.-2.4., I would suggest changing these Figures to Tables. Fig 2.5 can be cropped.	

Selection of sources, citation correctness**A - excellent.**

Present your opinion to student's activity when obtaining and using study materials for thesis creation. Characterize selection of sources. Assess that student used all relevant sources. Verify that all used elements are correctly distinguished from own results and thoughts. Assess that citation ethics has not been breached and that all bibliographic citations are complete and in accordance with citation convention and standards.

Student cites fourteen resources, mainly textbooks and research papers. During reading of the thesis I have not found any breach of citation ethics.

III. OVERALL EVALUATION, QUESTIONS FOR DEFENSE, CLASSIFICATION SUGGESTION

From my viewpoint, the main strength of the thesis is the presented scheduling model. Also the review of the current available scheduling solutions. Regarding the fact, that the thesis is presented in Software Engineering specialization track, I would suggest to extend the documentation of the implemented program by more details, complying with a documentation of a standard software development lifecycle. Level of structuring in this part of thesis text can be improved.

I evaluate handed thesis with classification grade **C - good**.

Date: **5.6.2018**

Signature: