



EXTERNAL EXAMINER'S REPORT ON DIPLOMA THESIS

Name and Surname of Diploma Thesis Author: Akshay Mohan Kumar

The topic of the Diploma Thesis: Tools for selecting optimal project management methodology in the information technology domain

Name and Surname of Supervisor: Ing. Athanasios Podaras, Ph.D.

Name and Surname of External Examiner: Ing. Martin Molhanec, CSc.

External Examiner: - name of a company: Czech Technical University in Prague
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	Excellent	Very good	Good	Failed
I. Assessment of the thesis topic and its writing:				
Thesis topic completion	X			
Application of implemented methods	X			
Analysis performed and its profundity	X			
II. Assessment of thesis content and structure:				
Clarity and coherence of thesis	X			
Currency of the topic, appropriate sources	X			
Processing of sources and acquired data	X			
Comprehensible and adequate conclusions	X			
The phrasing of the author's points of view	X			
III. Assessment of thesis style:				
Formal layout of thesis (i.e. text, tables, graphs)	X			
Style of thesis (i.e. use of formal language)	X			
Application of academic sources in the native language, including bibliographic references and citations	X			
Application of academic sources of foreign authors, including bibliographic references and citations	X			

Questions related to the diploma thesis defence:

- 1) Please clarify more how to understand diagram in Figure 22 on page 67. And how to use it to decide which project management method to use.
- 2) The number of respondents was relatively small. What is the reliability of the conclusions drawn from them.

I recommend - ~~do not recommend~~* the diploma thesis for defence.

Grade for the diploma thesis (Czech grading system): 1-EXCELLENT

Date 25.5.2023

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 Signature of thesis external examiner

**General Evaluation of the Thesis:**

The diploma thesis *Tools for selecting optimal project management methodology in the information technology domain* deals with the topic of creating a method for choosing the right project management method. In its essence, it is the possibility of choosing a method of Waterfall or Agile.

First part of the work provides a theoretical interpretation of what the above terms mean and contains a large number of quotations from relevant authors. The actual work is focused on processing of a questionnaire survey among project managers in the Information technology domain. According to this in the final part of the thesis, the graduate student draws some conclusions. I think that the topic in itself is not too complicated, but getting a large enough group of respondents of the questionnaire event is more challenging. But this cannot be blamed on a graduate student.

The diploma thesis is carefully prepared. Its division is logical, the text is understandable without grammatical errors. The typography of the work is very good. Graphs given in the work are also well done. The thesis contains an adequate number of citations. The work can also be recommended as a comprehensive introduction to the given issue. Questions asked in the questionnaire survey were selected accordingly. Also processing of answers is adequate. A shortcoming that cannot be blamed on the graduate is the relatively low number of respondents.

I have some doubts about the method for choosing which project management method to use, which is described in Chapter 8. I am not sure that it is possible to think in such a simple way about the choice of method. It would probably be necessary to test the mentioned method on some concrete examples of projects from practice. But this does not reduce the value of the work itself, where the graduate tried to creatively propose some method of method selection himself. It is a topic for further discussion.

The diploma thesis corresponds to the assignment, including the principles for elaboration and **I recommend it for the defense and I grade the work 1-excellent.**

Ing. Martin Molhanec, CSc.

In Prague on May 25, 2023