



SUPERVISOR’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

The objective of the Diploma Thesis: The aim of the thesis is to develop and propose a methodology that can assist information technology experts determine the optimal project management approach, between the traditional waterfall and the modern agile.

Name and Surname of Supervisor: Ing. Athanasios Podaras, PhD

	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		
Phrasing of writer’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 native language, including bibliographic references and citations	X			
Application of academic sources of foreign authors, including bibliographic references and citations	X			
Assessment of plagiarism checking result in IS STAG				
	Reviewed without objections			X
	Reviewed with objections			

The evaluation for the diploma thesis is at least in the range of 10 lines in terms of meeting the thesis objectives, the application of implemented methods, as well as suggestions for adjustments taken, including formal layout, literature review and citations (formulated on the following page of the report).

Questions related to the diploma thesis defence:

- 1) What do we mean by the terms „Iterative“ and „Incremental“ approach? Is there any difference between these two terms?
- 2) Does the size of the organization affect the decision of the PM method? Is the tool intended for companies of any size?

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

(*delete if not applicable)

I suggest evaluating the diploma thesis with the grade: Excellent Minus

Date: 17.05.2023

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Signature of the thesis supervisor



Review remarks

The thesis discusses the application of project management (PM) techniques in the domain of information technology. The primary objective of the thesis is to develop and suggest a methodology that can be used for the selection of the best possible PM approach between the traditional waterfall and the agile approach. The author analyzes the main characteristics of both PM approaches and describes in detail some of the most popular agile techniques. In order to formulate the proposed decision – making model, a questionnaire has been prepared by the author which relies on the most important factors, as they are described in the literature, that are considered by domain experts in order to determine the optimal PM approach. The questionnaire is used for primary data collection based on evaluation scores that are critical for deciding upon the optimal PM approach. The structure of the thesis is very good, the author demonstrates full understanding of the used concepts. Moreover, the questionnaire is based on the literature and the respondents' profiles are ideal for the formulation of the model. The thesis is well written but some grammar errors have been spotted. Moreover some parts of the text are informally written (eg. Math formulas are not written using MS word Equation tool but are included as figures). Some paragraphs have some logical errors that do not help much the reader understand. However, these errors are minor. In general, the proposed tool is well developed and properly explained and justified. Consequently, i recommend the thesis for defense.