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A SIMPLE MODEL FOR ANALYSING SOFTWARE PROJECT MATURITY – SPM3

By

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The Dissertation was submitted to the Department of Computer Science & Engineering of the University of Moratuwa in partial fulfilment of the requirement for Degree of Master of Business Administration.

Department of Computer Science & Engineering

University of Moratuwa

December, 2008

University of Moratuwa



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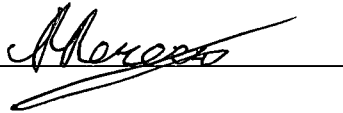
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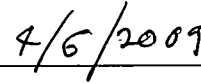
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DECLARATION

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Abstract

Quality of the processes followed in organisations is one of the main factors for their success. Organisations with proper project management processes and practices are considered as stable and the outcome is expected to be of high standards. According to Standish Group most project failures are due to project management related issues.

This research looks into project management processes & practices being followed by the Sri Lankan software industry and goes onto find strengths & weakness in software organisations related to project management.

The most important work carried out in this research was the building of SPM3 (Simple Project Management Maturity Model), a simple model for analysing software project maturity. SPM3 focuses on all forty four project management processes defined in PMBOK. The model was applied to software organisations to find how well they have followed project management processes.



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As a result of this research, many facts were uncovered related to project management processes being followed. Observations clearly show a relationship between the maturity of the processes being followed and criteria such as size of the organisations and the percentage of foreign projects handled. The positives as well as the weaknesses were analysed and these information can be used to improve the industry and sustain it's growth.

Acknowledgement

I would like to take this opportunity to express my sincere gratitude to all who helped in making this a reality.

Prof. N. D. Gunawardene, my supervisor, was the main driver behind the success of my dissertation. It was his insight, suggestions, patience and encouragement that really made this possible. I am extremely thankful to him.

I am grateful to all the staff at the department of computer science and engineering for all the feedback and advice provided and specially the head of department Ms Vishaka Nanayakkara, who guided me throughout the initial stages to carryout a successful research. A special thanks goes to Isuru for all the assistance given throughout the entire research.

I am honoured by the support given by the management and colleagues at Creative Solutions, my employer. It really helped me in achieving the timelines.



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Lastly and most importantly I would like to thank my family, Sandunika, Suri, Tamir and all my friends who supported me in various ways. Without their support this would not have been possible.

Table of Contents

1.	Introduction	1
1.1	Background	1
1.2	Problem Statement.....	2
1.3	Motivation	3
1.4	Aim.....	3
1.5	Research Objectives.....	3
1.6	Overview of the Report	4
2.	Literature Review.....	5
2.1	What is Project Management?.....	5
2.2	Project Success	6
2.3	PMBOK.....	6
2.3.1	Project Integration Management	8
2.3.2	Project Scope Management.....	9
2.3.3	Project Time Management	10
2.3.4	Project Cost Management.....	10
2.3.5	Project Quality Management.....	11
2.3.6	Project Human Resource Management.....	11
2.3.7	Project Communication Management.....	11
2.3.8	Project Risk Management.....	12
2.3.9	Project Procurement Management.....	12
2.4	What is Maturity?	13
2.5	Immaturity vs. Maturity.....	14
2.6	Is Improvement in Maturity Really Worth?.....	14
2.7	Project Management Maturity Models	17
2.7.1	Capability Maturity Model (CMM).....	17
2.7.2	Project Management Process Maturity (PM) ² Model	18
2.7.3	Kerzner's Project Management Maturity Model.....	19
2.7.4	Project Management Maturity Model (PMMM)	19
3.	Research Methodology.....	20
3.1	Need for a New Model.....	20
3.1.1	Basic Design Requirements for a New Model.....	20

3.2	Building the New Assessment Model	21
3.3	SPM3	23
3.4	Maturity Formulae	25
3.5	Pilot Survey	25
3.6	Sample Selection.....	25
3.7	Data Collection.....	27
4.	Data Analysis & Interpretation of Results.....	28
4.1	Distribution of Respondents	28
4.2	PM Maturity of the Software Industry	30
4.3	Dispersion of Maturity Level.....	31
4.4	Maturity Level by Knowledge Area.....	32
4.5	Maturity Level by Processes and Process Groups	33
4.6	Maturity by Foreign Projects	38
4.7	Maturity by Employees.....	40
4.8	Interpretation of the Analysis.....	43
4.8.1	Integration Management.....	43
4.8.2	Scope Management.....	44
4.8.3	Time Management.....	44
4.8.4	Cost Management.....	44
4.8.5	Quality Management.....	45
4.8.6	Human Resource Management.....	45
4.8.7	Communications Management	46
4.8.8	Risk Management	46
4.8.9	Procurement Management	47
5.	Evaluation	48
5.1	Evaluation Questionnaire	48
5.2	Data Collection.....	49
5.3	Data Analysis.....	49
5.3.1	Time Utilisation Pattern.....	49
5.3.2	Scope Achievement Pattern	50
5.3.3	Budgetary Spend Utilisation Pattern	51
5.3.4	Quality Maintained Pattern	52
5.4	Evaluation Results.....	52
6.	Conclusions & Recommendations	53

6.1	Conclusions of the Findings	53
6.2	Recommendations	54
7.	References	56
	Abbreviations	60
	Appendix A – SPM3 Questionnaire	61
	Appendix B – Evaluation Questionnaire	68
8.	Appendix C – List of Organisations Participated in the Survey	69



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List of Tables and Figures

Table 2.1: Fifteen Project Management Job Functions	6
Table 2.2: Matrix of Primary Processes and Knowledge Areas [6].	7
Table 4.1: Distribution of Respondents by Percentage of Foreign Projects.....	28
Table 4.2: Distribution of Respondents by Number of Employees	29
Table 4.3: Dispersion of Maturity Level by No. of Organisations	31
Table 4.4: Maturity Level by Knowledge Area	32
Table 4.5: Average Maturity Level by Process Groups	34
Table 5.1: Time Utilisation Pattern	49
Table 5.2: Scope Achievement Pattern.....	50
Table 5.3: Budgetary Spend Utilisation Pattern	51
Table 5.4: Quality Maintained Pattern	52
Figure 1.1: Project Success Survey Result of the Standish Group [4].....	1
Figure 2.1: Companies that Showed Performance Improvement Greater than 10%.	15
Figure 2.2: Average Maturity Level by Knowledge Area.	16
Figure 4.1: Distribution of Respondents by Percentage of Foreign Projects.....	29
Figure 4.2: Distribution of Respondents by Number of Employees	29
Figure 4.3: Dispersion of Maturity Level by No. of Organisations.....	31
Figure 4.4: Maturity Level by Knowledge Area	32
Figure 4.5: Maturity Level by Processes	36
Figure 4.6: Maturity Level by Percentage of Foreign Projects.....	38
Figure 4.7: Knowledge Areas vs. Percentage of Foreign Projects	39
Figure 4.8: Core Functions vs. Facilitating Functions for Foreign Projects.....	40
Figure 4.9: Maturity Level by Number of Employees	40
Figure 4.10: Knowledge Areas vs. Number of Employees	41
Figure 4.11: Core Functions vs. Facilitating Functions for Number of Employees	43
Figure 5.1: Time Utilisation Pattern.....	50
Figure 5.2: Scope Achievement Pattern	50
Figure 5.3: Budgetary Spend Utilisation Pattern	51
Figure 5.4: Quality Maintained Pattern	52