



**DECISION SUPPORT SYSTEM WITH TOPSIS METHOD TO
DETERMINE THE WINNER OF THE TENDER**

UNDERGRADUATE THESIS

**Submitted as one of the requirements to obtain
Sarjana Komputer (S.Kom.)**

By:

SEAN JEREMY PARTOGI

001201800028

**FACULTY OF COMPUTING
INFORMATICS STUDY PROGRAM**

CIKARANG

MAY, 2023

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By

SEAN JEREMY PARTOGI
001201800028

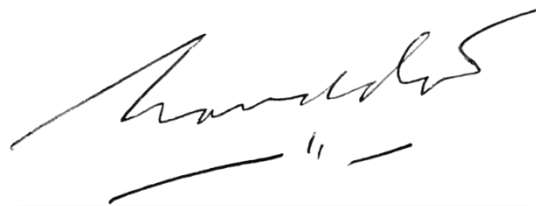
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Ir. Rusdianto Roestam, M.Sc., Ph.D.
Thesis Advisor



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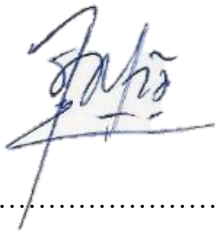


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ABSTRACT

In this study the aim is to reduce the difficulty of determining the winner of the project tender by building an SPK system using the TOPSIS method. Making applications in research aims to facilitate the process of selecting project winners. In this research, the problems that will be raised will be discussed, namely creating and calculating variables in the method TOPSIS in the decision-making system to determine the winner of the tender. This study uses the waterfall concept in its research method. Where in the waterfall method consists of design, analysis, design, program coding, program testing, implementation and maintenance. The result of this research is the method TOPSIS can be applied to the SPK for the selection of tender winners. The results of applying this method to the SPK application obtain accurate results so that they can determine the winner of the project tender.

DEDICATION

I would like to dedicate my Final Project to God Almighty, My family, My Advisor, My best friends, and Computing lecturer who supports and help me in this project and my campus journey.

Also, I want to gratitude my self for my hard work and struggle, in up and down, spirit and also despair keep fighting to finish this all.

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TABLE OF CONTENTS

ABSTRACT.....	i
DEDICATION.....	ii
ACKNOWLEDGEMENT.....	iii
TABLE OF CONTENTS.....	iv
LIST OF TABLES.....	vii
LIST OF FIGURES.....	ix
1 CHAPTER I INTRODUCTION.....	1
1.1 Background.....	1
1.2 Problem Statement.....	2
1.3 Objectives.....	2
1.4 Scope and Limitations.....	3
1.5 Project Methodology.....	3
1.5.1 Requirement Analysis.....	4
1.5.2 System Design.....	4
1.5.3 Implementation.....	5
1.5.4 Integration & Testing.....	6
1.5.5 Operation & Maintenance.....	7
2 CHAPTER II LITERATURE REVIEW.....	8
2.1 Study of Research Results.....	8
2.2 Theoretical Foundations.....	8
2.2.1 Decision Support System.....	8
2.2.2 Stages in the Implementation of a Decision Support System...9	9
2.2.3 Characteristics of Decision Support Systems.....	10
2.2.4 Purpose of the Decision Support System.....	11

2.2.5	Components of the Decision Support System	11
2.2.6	TOPSIS Method	13
2.2.7	Website	14
2.2.8	Hypertext Preprocessor (PHP)	16
2.2.9	Database	17
2.2.10	MySQL	18
2.2.11	Entity Relationship Diagram	19
2.2.12	Data Flow Diagram (DFD)	20
2.2.13	DFD Depiction Rules.....	22
2.2.14	XAMPP	25
3	CHAPTER III RESEARCH METHODS	26
3.1	Materials/Data	26
3.1.1	Data Obtained	26
3.1.2	Data Collection Procedure	26
3.2	Analysis of the Proposed System.....	27
3.2.1	Functional Analysis.....	37
3.2.2	Non-Functional Needs Analysis	38
4	CHAPTER IV ANALYSIS AND DESIGN	41
4.1	System Design.....	41
4.2	Design.....	42
4.2.1	Logical Design.....	42
4.2.1.1	<i>Entity Relationship Diagram (ERD)</i>	43
4.2.1.2	Table Relationships	44
4.2.1.3	Context Diagram	45
4.2.1.4	Tier Diagram	46
4.2.1.5	Level 1 Data Flow Diagram (DFD).....	47
4.2.1.6	Data Flow Diagram (DFD) Level 2 Process 1.....	48

4.2.1.7 Data Flow Diagram (DFD) Level2 Process 2	49
4.2.1.8 Data Flow Diagram (DFD) Level 2 Process 3	50
4.3 Physical Design	50
4.3.1 System Entity Identification	51
4.3.2 Table Structure Design	51
4.4 System <i>Interface</i> Design	57
4.4.1 Login Page Design	57
4.4.2 Admin Page Design	58
4.4.3 Criteria Page Design	59
4.4.4 Weight Criteria Page Design	59
4.4.5 Company Page Design	60
4.4.6 Project Winner Recommendation Page Design	61
5 CHAPTER V SYSTEM IMPLEMENTATION	62
5.1 Login Page Views	62
5.2 Page Views After Login.....	62
5.3 Corporate Data Page View	63
5.4 Criteria Data Page View.....	64
5.5 Page Views After Login.....	64
5.6 Page Views of the Assessment Process.....	65
6 CHAPTER VI CONCLUSION	67
6.1 Conclusion.....	67
6.2 Testing Summary	67
7 CHAPTER VII BIBLIOGRAPHY	68
CITATION.....	69

LIST OF TABLES

Table 2. 1	ERD components.....	19
Table 2. 2	DFD (Data Flow Diagram).....	21
Table 3. 1	Criteria for Selecting Project Auction Winners	31
Table 3. 2	Experience Subcriteria	32
Table 3. 3	Subcriteria for Number of Experts	32
Table 3. 4	Equipment Subcriteria.....	32
Table 3. 5	Subcriteria for Having Worked ith The Service.....	33
Table 3. 6	Company Grade Subcriteria	33
Table 3. 7	Company Data Table.....	34
Table 3. 8	Enterprise Data Conversion Table	34
Table 3. 9	Matrix of Normalization Decisions R	35
Table 3. 10	Normalization Matrices	35
Table 3. 11	Positive and Negative Ideal Solutions.....	36
Table 3. 12	Distances of Positive and Negative Ideal Solutions (D)	36
Table 3. 13	Preference Values of Each Alternative (V).....	37
Table 3. 14	Ranking	37
Table 4. 1	User	52
Table 4. 2	Criteria.....	52
Table 4. 3	Criteria Weight	53
Table 4. 4	Company	53
Table 4. 5	Result.....	54
Table 4. 6	Temp R	54
Table 4. 7	Matrix	55

Table 4. 8	Temp Alternative	55
Table 4. 9	Temp Ideal	56
Table 4. 10	Temp Processed	56

LIST OF FIGURES

Figure 1. 1	Waterfall Concept	4
Figure 2. 1	Decision Making Phase	10
Figure 2. 2	Components of SPK.....	13
Figure 2. 3	Example of the Context Diagram	23
Figure 2. 4	Example of an N-level diagram	24
Figure 3. 1	Proposed System Chart.....	28
Figure 3. 2	Project Auction Winner Selection <i>Flowchart</i>	29
Figure 4. 1	Entity Relationship Diagram (ERD).....	43
Figure 4. 2	Table relationships.....	44
Figure 4. 3	Context Diagram.....	45
Figure 4. 4	Tier Diagram.....	46
Figure 4. 5	Level 1 Data Flow Diagram (DFD).....	47
Figure 4. 6	Data Flow Diagram (DFD) Level 2 Process 1.....	48
Figure 4. 7	Level 2 Data Flow Diagram (DFD) Process 2.....	49
Figure 4. 8	Data Flow Diagram (DFD) Level 2 Process 3.....	50
Figure 4. 9	Login Page Design.....	58
Figure 4. 10	Admin Page Design	58
Figure 4. 11	Criteria Page Design	59
Figure 4. 12	Criteria Weight Page Design	60
Figure 4. 13	Company Page Design.....	60
Figure 4. 14	Results Page Design.....	61
Figure 5. 1	Login Page	62
Figure 5. 2	Pages After Login	63

Figure 5. 3	Company Page	63
Figure 5. 4	Criteria Page	64
Figure 5. 5	Weight Criteria Page.....	65
Figure 5. 6	Weight Criteria Page.....	65
Figure 5. 7	Pages of the Assessment Process.....	66
Figure 5. 8	Pages of Assessment Results	66