APPLICATION OF THE SAW METHOD (SIMPLE ADDITIVE WEIGHTING) ON THE DECISION SUPPORT SYSTEM FOR STUDENT SCHOLARSHIP ACCEPTANCE

DESCRIPTION

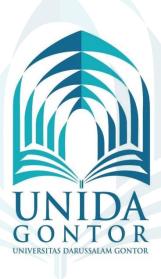
To fulfil some of the requirements

Obtain a Bachelor's degree in Computer Science

Compiled by:

Zhakia Luthfi Ari Azizah

NIM: 412020618057



INFORMATICS ENGINEERING STUDY PROGRAMME
FACULTY OF SCIENCE AND TECHNOLOGY
DARUSSALAM GONTOR UNIVERSITY
2025 / 1446

UNIVERSITAS DARUSSALAM GONTOR

AUTHORIZATION

APPLICATION OF THE SAW (SIMPLE ADDITIVE WEIGHTING) METHOD IN THE DECISION SUPPORT SYSTEM FOR STUDENT SCHOLARSHIP ACCEPTANCE

THESIS

Submitted to fulfill some of the requirements to obtain a Bachelor of Computer Science degree

Compiled by:

Zhakia Luthfi Ari Azizah

NIM: 412020618057

This thesis has been tested and passed on

2 March, 2025

It has been checked and approved by:

Supervisor I

Aziz Musthafa, S.Kom., M.T. NIY: 150487

Supervisor II

Dihin Mu iyatmoko,S.ST

NIY: 150489

Examiner

Falsal Reza Pradbana, S.Kom., M.Kom.

NIY: 160598

Known,

Head of Informatics Engineering

Dihin Muriyatmoko, S.ST, M.T

NIY: 150489

STATEMENT OF ORIGINALITY

I declare truthfully that to the best of my knowledge, in this thesis there is no scientific work that another person has ever submitted to obtain an academic degree at a university. No work or opinion has ever been written or published by another person except those cited in this manuscript and mentioned in the Bibliography.

Suppose it turns out that this thesis manuscript can be proven to contain elements of plagiarism. I am willing to have this thesis disqualified and the academic degree I have obtained (bachelor) canceled and processed by laws and regulations (UU No. 20 of 2023, Article 25 paragraph 2 and Article 70).

Ponorogo, Maron 2, 2025



Zhakia Luthfi Ari Azizah

NIM. 412020618057

UNILDA GONTOR

UNIVERSITAS DARUSSALAM GONTOR

FOREWORD

Praise the author's gratitude to Allah SWT who has bestowed His favoursgrace, gifts, and, so that the thesis entitled "Application of the SAW (Simple Additive Weighting) Method to the Student Scholarship Acceptance Decision Support System (StudyCase: Darussalam UniversityGontor " can be completed by the authorShalawat and greetings also go to the Prophet Muhammad SAW who has shown the straight path of truth as it is today.

The author would like to thank all the lecturers who have helped in the process of writing this thesis to completion. And with all humility, the writing of this thesis can be completed well, of course, inseparable from the support, assistance, and guidance provided by various parties. So, on this occasion the author would like to express his deepest gratitude to:

- 1. Al-Ustadz Prof. Dr Hamid Fahmi Zarkasyi, M.A.Ed., M.Phil. as the Rector of Universitas Darussalam Gontor and all all his staff, as well as lecturers of Universitas Darussalam Gontor who have educated the author.
- 2. Al-Ustadz Haris Setyaningrum, S.Si., M.Sc. as the Dean of the Faculty of Science and Technology and its staff.
- 3. Al-Ustadz Dihin Muriyatmoko, S.ST., M.T. as Head of the Informatics Engineering Study Programme along with lecturers and staff, who have provided support and direction for this research.
- 4. Al-Ustadz Aziz Musthafa S.Kom M.T. and Al-Ustadz Dihin Muriyatmoko, S.ST., M.T. as supervisors who always patiently guide, help and motivate the author in the process of completing this thesis.
- 5. Thank you to DKP staff who are willing to assist the author in collecting the necessary data.
- 6. of the FriendsInformatics Engineering study programme who continue to support and assist in this research.

input In the preparation of this thesis, the . Finallyauthor realises that there are still many shortcomings and far from perfecttherefore the author hopes for constructive and suggestions so that this thesis can be useful later, I hope that this thesis can be a reference for those who need it and do not forget that the grace and

guidance of Allah SWT will always be bestowed on all of us aamiin ya rabbal alamin.

Mantingan, 2 February 2025 Author Zhakia Luthfi Ari Azizah

UNIVERSITAS DARUSSALAM GONTOR