CHAPTER 1 INTRODUCTION

1.1.   Background.

High-quality human resources are strongly influenced by adequate educational development. To produce a smart generation, able to compete and be creative in the international arena modern erain this . Education is very important for the sustainability of today'. s generationVarious higher education institutions try to provide scholarships to outstanding students as an appreciation and inspiration to continue to improve their academic and non-academic achievements.

However, educational institutions today often face their own challenges when selecting scholarship admissions for outstanding students. This assessment includes non-academic aspects such as organisational activities, achievements in sports or arts, and socio-economic conditions. As a result, a structured, and fair unbiased method is needed to assist decision-making in determining scholarship admissions for outstanding students.

Every university that upholds academic and non-academic values. As stated in Article 31 Paragraph 1 of the 1945 Constitution, "Every citizen citizens in has this countrythe right to education, which is the basis for educating all without discrimination". The right to education. The provision of learning scholarships is one method of helping students to get the opportunity for proper educational opportunities. Every student has the same right to participate in the selection programme for outstanding students. The selection of outstanding in an open students should be carried out and transparent manner at the university level. Every student has universities.the right to receive excellent education for mutual welfare between students and [1]

The quality level of a university is influenced by several factors, and one of them is the human resources consisting of students who are part of the institution. have To get students who good quality, a careful selection process is needed in the acceptance of outstanding student scholarships in higher education.

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[1] Ridho Taufiq Subagio, Moh. Thoip Abdullah, Jaenudin. *"Application of SAW (Simple Additive Weighting) Method in Decision Support System to Determine Sholarship Recipients"*, STMIK Catur Insan Cendekia, 2020.

Based on the description above, the importance of applying maqoshid sharia, especially in the context of science, can be applied to anyone. Which is explained in the letter QS. An-Najm Verses 29-30:

اَعْرِضْ عَنْ مَّنْ تَوَلّٰىۙ عَنْ ذِكْرِنَا وَلَمْ يُرِدْ اِلَّا الْحَيٰوةَ الدُّنْيَاۗ ذٰلِكَ مَبْلَغُهُمْ مِّنَ الْعِلْمِۗ اِنَّ رَبَّكَ هُوَ اَعْلَمُ بِمَنْ ضَلَّ عَنْ سَبِيْلِهٖ

وَهُوَ اَعْلَمُ بِمَنِ اهْتَدٰى

"*So leave behind (Muhammad) the one who turns away from Our , and warninghe covets only the life of the world. That is the extent of their knowledge. Indeed, your Lord knows best who strays from His path and He knows best who is guided.*"[2]

Through this verse humans are informed and reminded of the importance of studying. God created humans with a mind that helps them to think that is knowledgenot obtained instantly over time.

The problems obtained at time this are constrained in determining the acceptance of outstanding student scholarships to get outstanding student scholarships who are entitled to scholarships from universities are still manual and randomised. With this research, it aims to determine students who are entitled to scholarships according to the criteria that have been made by the university and make it easier for to agencies receive data that is in accordance with the needs of these students as scholarship recipients.

Simple Additive Weighting (SAW) is one of the most effective and efficient decision-making methods for the selection of scholarship admissions for outstanding students. SAW is part of a decision support system, which calculates the preference value of each alternative based on predetermined criteria. [3]scholarship Universities can use the concept of decision support systems as a tool to identify students for acceptance. Education for now is very important in the eradigitalisation . thing is The most important to prioritise the continuity of the running of the education system at the university and facilitate students in carrying out their studies.

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[2] QS. An-Najm (53) Verses 29-30

[3] Labbaika Asri, Rahayu Mayang Sari, Barany Fachri *"Decision Support System for Selection of Outstanding Students Using Web-Based at SMK Negeri 13 Medan", .Simple Additive Weighting (SAW) Method* Universitas Pembangunan Panca Budi, 2024

1.2. Problem formulation

The problem obtained is the determination of criteria and students who are entitled to scholarships.

1.3. Destination

Based on the formulation of the problem, the following objectives were obtained:

Implementing the selection criteria for student admissions who are entitled to a scholarship. So it is necessary to process data on the decision support system for receiving scholarships for students to find out which are criteria suitable and who is entitled to receive scholarships from the University using the *Simple Additive Weighting (SAW)* .method

1.4. Benefits

The benefits of research that the author expects with this research are as follows:

- For students: With this research, many female students are interested in becoming outstanding students in academic and non-academic fields.
- For the Campus: This research will contribute to campus development and .academic achievement
- For other : The results of researchersthis study will be a reference and source of learning for other who researchers want to study the same or related topics.

1.5. Problem Limitation

To provide further explanation, the researcher has the following limitations:

- Focusing on scholarship acceptance criteria for students
- Limited access to the data used. The dataset used may not include all relevant information and more in-depth analysis is required.
- Lack of control over data quality due to data dataobtained from secondary , researchers cannot have direct control.
- Data validity that the data collected is not entirely valid due to factors such as data entry errors or data by manipulation previous parties.

1.6.   Systematisation of Discussion

This research will use the following systematic writing:

CHAPTER 1 INTRODUCTION

Background.

Problem Formulation

Destination

Benefits

Problem Limitation

Systematisation of Discussion

CHAPTER 2 LITERATURE REVIEW

Previous Research

Theoretical Review

CHAPTER 3 RESEARCH METHODOLOGY

Time and Place of Research

Research Tools and Materials

Research Stages

CHAPTER 4 RESULTS AND DISCUSSION

Results

Discussion

CHAPTER 5 CLOSING

Conclusion

Advice