DECISION SUPPORT SYSTEM OF SCHOLARSHIP DETERMINATION
IN UNIVERSITY OF MUHAMMADIYAH GRESIK

by

GAGANG PRAKOSO
12 621 027

Asked to Study Program informatics Faculty of Engineering University of Muhammadiyah Gresik to meet the requirements of obtaining a college degree S-1 Informatic Engineering Program

ABSTRACT

The selection process of scholarship recipients at Muhammadiyah Gresik University has a long process both from the selection and determination of scholarship recipients, with the number of participants reaching hundreds and every year the number of participants continues to increase making the longer the process of determining the scholarship recipients.

Decision Support Support System Determination of Scholarship at Muhammadiyah University Gresik aims to help simplify the process of determining scholarships for eligible scholarship recipients at the University of Muhammadiyah Gresik. Where by using a structured mathematical calculation that exist in the Decision Tree C4.5 method of determining the scholarship at the University of Muhammadiyah Gresik will become easier.

System Test Result Can generate a Rule which will be used to determine the acceptance or not the prospective scholarship recipients, with this system can be used as input for the Student in taking the decision of the election of candidate Beneficiary at the University of Muhammadiyah Gresik

Keywords: Decision Support Systems, Decision Tree C4.5