ABSTRACT

DECISION SUPPORT SYSTEMS EXEMPLARY STUDENTS ELECTION USING PROMETHEE METHOD (PREFERENCE RANKING ORGANIZATION METHOD ENRICHMENT EVALUATION)

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Decision Support Systems or Decision Support System (DSS) is a computerized system designed to improve the effectiveness of decision-making to solve problems that are semi-structured and unstructured so that the decision-making process is done more qualified.

Students are assets that can advance the nation's schools and, therefore, required students are good and competent in order to memajuhkan generation of people. Students are entitled to the title of exemplary students for their hard work which he dedicated to his school. Xavier High School 2 Palembang implement an evaluation system to assess students so that made this application which helps the student in the decision to assess the results and hard work of the students.

This application is built based on the method PROMETHEE (preference ranking organization method enrichment evaluation). The methodology used in the development of this system is linear and sequential methodology using the programming language PHP and MySQL as its database. The results of this study can be used by the student to assess the results and hard work of the students.

Keywords: Decision Support System, Promethee, PHP, MySQL.