ABSTRACT

SCHOLARSHIP GRANT DECISION SUPPORT SYSTEM IN PT. INDOMARCO PRISMATAMA BRANCH OFFICE BANDUNG

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PT. Indomarco Prismatama is a company engaged in the retail franchise that seeks to provide daily consumption needs for the people. Being an active role against the development of education Indomaret one of them is by providing scholarships to student elementary school. Basis of consideration because the number of students in elementary school level is still very much in number as compared to junior high school or senior high school level that need to be given special attention. The scholarship is to help someone who is less capable or accomplished during the covered studies. To assist in determining in determining a person eligible to receive scholarships will take a decision support system.

In a decision support system development process to determine the scholarship recipients at PT. Bandung branch Prismatama Indomarco method Fuzzy Multiple Attribute Decission Making (FMADM) Simple Additive weighting method (SAW). This method was chosen because it is able to select the best alternative from a number of alternatives, in this case meant that the alternative students who are eligible to receive scholarships based on certain criteria. Research done by searching for weight value for each attribute, then ranking process that will determine the optimal alternative, namely the best students.

Keyword : *FMADM, SAW, Criteria, scholarship.*