DECISION SUPPORT SYSTEM SUPPLIER SELECTION IN PHARMACIES GLAGAH FARMA LAMONGAN TOPSIS METHOD

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ABSTRACT

The pharmacy is one of the types of businesses that do work in the field of health pharmacy. Inventories of products is one activity that is so important for business development, including the pharmacy business. Good product inventory can be implemented effectively and efficiently when it is planned. Supplier selection prescribed drug suppliers directly by the owner of the pharmacy. There are several types and classes of drugs are supplied by more than one supplier. This makes the pharmacy had to choose which one is the most optimal supplier for a particular type of drug.

One method that can be used for decision support system is by using TOPSIS method. with tools using PHP programming language and MySQL database system.

Recommendations suppliers who score the highest proximity is the closest supplier criteria desired by the owner of the pharmacy. The recommendations supplier selection decision support system shows the percentage of 66,67% of the results of the solution suitability questionnaire pharmacy owners in making decisions.

Keywords: *pharmacy, Supplier, decision support systems, TOPSIS.*

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