

# **IMPLEMENTATION OF FUZZY TSUKAMOTO METHOD FOR LAPTOP SELECTION DECISION SUPPORT SYSTEM**

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## ***ABSTRACT***

The human need for a laptop is very high in today's era. The choice of a laptop is usually based on convenience and needs. Choosing a laptop that does not match people's requirements will undoubtedly make the laptop's performance not optimal. The lack of a laptop can hinder a person's work. A decision support system is needed that can help consumers to reduce the risk of wrong laptop selection. Fuzzy Inference Tsukamoto System is one method that can be used to build a decision support system. The system build uses several criteria for input, such as price, processor, screen size, storage, RAM, GPU, and weight. The resulting output is the score obtained from the centralized average defuzzification. The Decision Support System is implemented using Java and MySQL.

***Keywords:*** *Decision Support System, Fuzzy Tsukamoto, Laptop*