

ABSTRACTS

This study aims to assess user satisfaction with the Sakattaku.com Learning Management System (LMS), which is utilized in the Saung Koding training program organized by the Sakata Innovation Center Foundation (YSIC). A classification method based on the C4.5 algorithm is employed to construct a decision tree model using attributes such as ease of use, response time, reliability, flexibility, and security. The research adopts a data mining approach, with analysis conducted in RapidMiner on data collected from 51 respondents.

The results indicate that the constructed classification model achieves an accuracy of 85.37%, with ease of use identified as the most influential attribute affecting user satisfaction. These findings offer a practical contribution in the form of a data-driven evaluation system for a community-based local LMS, and highlight the potential of decision tree algorithms in the context of non-commercial digital learning systems. Additionally, this study enriches the literature on LMS user satisfaction classification in rural areas within a hybrid learning Framework.

Keywords: *C4.5 Algorithm, Data Mining, Decision Tree, Sakattaku.com LMS, User Satisfaction.*