

Abstract

WEBSITE-BASED DECISION SUPPORT SYSTEM USES PROFILE MATCHING METHOD TO DETERMINE CONTINUATION OF SECURITY CONTRACTS (CASE STUDY: PT PKSS PUWOKERTO)

By

KENNI PRATIWI

21103098

The security guard performance evaluation process at PT PKSS Purwokerto is still carried out manually by administrative staff, which causes various problems such as process delays, the risk of human error, and lack of objectivity in decision making. Therefore, a website-based development system was chosen as a solution because of its flexible nature, easy to access from various devices, and able to present data in real-time and concisely, thereby increasing the efficiency and effectiveness of the evaluation process. This study aims to develop a website-based Decision Support System (DSS) using the Profile Matching method to determine the continuation of the security guard work contract at PT PKSS Purwokerto. The Profile Matching method is applied to compare the security guard's performance with the established standards based on various relevant criteria, such as proportionality & understanding, discipline, and performance evaluation results. The system was developed using the Extreme Programming (XP) method to ensure efficiency in design and implementation. The results of system testing with Blackbox Testing show that the developed system can function well in storing data, displaying evaluation results, and providing recommendations for security guard contract extension decisions transparently and accurately. The UAT results with a percentage of 80.57 indicate that the system can be accepted and used well by users.

Keywords: Decision Support System (DSS), Profile Matching, Contract Extension