

**SISTEM INFORMASI PERSEDIAAN BAHAN BAKU BERBASIS WEB**  
**PADA CV. KRUDUT LEATHER FURNITURE**  
*WEB-BASED RAW MATERIAL INVENTORY INFORMATION SYSTEM AT CV.*  
*KRUDUT LEATHER FURNITURE*

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**ABSTRAK**

Meningkatnya perkembangan teknologi informasi kebutuhan pengolahan data, monitoring, dan pelaporan, diperlukan pengembangan sistem yang dapat mendukung proses tersebut secara lebih optimal dan terotomatisasi. Penelitian ini bertujuan untuk merancang dan membangun Sistem Informasi Persediaan Bahan Baku Berbasis Web guna meningkatkan efektivitas dan efisiensi pengelolaan data persediaan. Sistem dikembangkan menggunakan metode *Waterfall* dengan bahasa pemrograman *PHP* dan basis data *MySQL*. Sistem yang dibangun menyediakan fitur pengelolaan data bahan baku, data pemasok, transaksi bahan baku masuk dan keluar, serta laporan persediaan. Hasil penelitian menunjukkan bahwa sistem mampu mempermudah pengelolaan persediaan bahan baku, meningkatkan akurasi data, mempercepat penyusunan laporan, dan membantu pemantauan stok secara lebih efektif. Dengan adanya sistem ini diharapkan proses pencatatan bahan baku pada CV Krudut Leather Furniture dapat berjalan dengan baik.

**Kata kunci:** Sistem Informasi, Persediaan Bahan Baku, Web, PHP, MySQL.

## **ABSTRACT**

*The rapid advancement of information technology has increased the need for efficient data processing, monitoring, and reporting systems. Therefore, it is necessary to develop a system that can support these processes in a more optimal and automated manner. This study aims to design and develop a web-based Raw Material Inventory Information System to improve the effectiveness and efficiency of inventory data management. The system was developed using the Waterfall method, with PHP as the programming language and MySQL as the database management system. The developed system provides features for managing raw material data, supplier data, raw material incoming and outgoing transactions, and inventory reporting. The results of the study indicate that the system simplifies raw material inventory management, improves data accuracy, accelerates report generation, and supports more effective stock monitoring. It is expected that the implementation of this system will improve the raw material recording process at CV Krudut Leather Furniture, enabling it to be carried out more effectively and efficiently.*

**Keywords:** Information System, Raw Material Inventory, Web, PHP, MySQL.

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