

**RANCANG BANGUN SISTEM APLIKASI PENGARSIPAN DOKUMEN
KONTRAK DI PT SARI DUMAI OLEO
BERBASIS WEBSITE**

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ABSTRAK

Pengujian aplikasi dilakukan menggunakan metode *Black Box Testing* untuk memvalidasi fungsionalitas seluruh fitur sistem berdasarkan hak akses admin dan *vendor*. Skenario pengujian mencakup proses autentikasi (*login*, registrasi, *logout*), mekanisme unggah dokumen (SPK, *invoice*, faktur pajak, kartu timbang) yang dilengkapi validasi format dan ukuran berkas, fitur pencarian dan *filter* dokumen berbasis nomor *Delivery Order* (DO), proses verifikasi dokumen oleh admin, hingga manajemen data *vendor* dan integrasi keamanan hak akses antar pengguna.

Hasil pengujian menunjukkan bahwa seluruh skenario yang diujikan berjalan dengan baik dan dinyatakan valid dengan tingkat keberhasilan mencapai 100%. Sistem terbukti mampu membedakan hak akses secara akurat, menerima unggahan dokumen dengan validasi yang ketat, serta menampilkan hasil pencarian secara cepat. Selain itu, proses verifikasi tercatat secara otomatis dengan perubahan status dokumen yang sinkron. Pengujian keamanan juga membuktikan keandalan sistem dalam membatasi akses tidak sah. Dengan demikian, sistem ini dinyatakan layak dan siap diimplementasikan untuk mendukung proses pengarsipan dan verifikasi dokumen kontrak di PT Sari Dumai Oleo secara lebih cepat, akurat, dan aman.

Kata Kunci: Sistem Pengarsipan, Dokumen Kontrak, Aplikasi Web, *Laravel*, MySQL

DESIGN AND DEVELOPMENT OF A WEBSITE-BASED CONTRACT DOCUMENT ARCHIVING SYSTEM AT PT SARI DUMAI OLEO

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ABSTRACT

Application testing was conducted using the Black Box Testing method to validate the functionality of all system features based on admin and vendor access rights. The testing scenarios included the authentication process (login, registration, logout), document upload mechanisms (Work Order/SPK, invoice, tax invoice, and weighbridge card) equipped with strict format and file size validation, document search and filter features based on the Delivery Order (DO) number, document verification process by the admin, vendor data management, and the integration of user role-based access security.

The testing results demonstrated that all tested scenarios executed properly and were declared valid, achieving a 100% success rate. The system was proven capable of accurately distinguishing access rights, receiving document uploads through strict validation, and displaying search results quickly. Furthermore, the verification process was automatically recorded with synchronized document status updates. Security testing also confirmed the system's reliability in restricting unauthorized access. Consequently, this system is declared eligible and ready for implementation to support the process of archiving and verifying contract documents at PT Sari Dumai Oleo in a faster, more accurate, and secure manner.

Keywords: Archiving System, Contract Documents, Web Application, Laravel, MySQL.