

PERANCANGAN SISTEM INFORMASI ADMINISTRASI KENDARAAN

KARGO DI PT PUSAKA

Reydinata Pratama

Sistem Informasi Bisnis

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ABSTRAK

PT Pusaka adalah perusahaan jasa sewa kendaraan ekspedisi kargo, logistik transportasi, dan dukungan transportasi lainnya di Pulau Jawa dan sekitarnya. Perusahaan menghadapi kendala dalam efisiensi administrasi, seperti menentukan kendaraan terdekat, riwayat order pelanggan, dan kondisi kendaraan. Melalui wawancara dan observasi, metode Haversine diterapkan untuk menghitung jarak kendaraan terdekat dengan titik pengambilan. Pengujian dilakukan langsung dengan indikator kepuasan berupa komentar dari pihak perusahaan. Hasil uji coba menunjukkan fitur laporan kendaraan dan pemilihan kendaraan mempercepat proses penentuan kendaraan. Fitur lelang juga membantu penjualan kendaraan secara lebih adil. Kesimpulannya, sistem informasi ini meningkatkan efisiensi administrasi, mempercepat proses order, serta meningkatkan kepuasan pelanggan dan keadilan dalam transaksi kendaraan.

Kata kunci: PT Pusaka, logistik, ekspedisi kargo, observasi, metode *haversine*

DESIGN OF CARGO VEHICLE ADMINISTRATION INFORMATION SYSTEM

AT PT PUSAKA

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Business Information system

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ABSTRACT

PT Pusaka is a company engaged in cargo expedition vehicle rental services, logistics transportation, and other transportation support across Java and surrounding areas. The company faces administrative efficiency challenges, such as determining the nearest vehicle, tracking customer order history, and monitoring vehicle conditions. Through interviews and observations, the Haversine method was applied to calculate the distance between the nearest vehicle and the pickup point. Testing was conducted directly, with satisfaction indicators based on feedback from the company. The trial results showed that the vehicle reporting and selection features accelerated the vehicle determination process. The auction feature also facilitated fairer vehicle sales. In conclusion, this information system enhances administrative efficiency, speeds up order processing, and improves customer satisfaction and fairness in vehicle transactions.

Key word: PT Pusaka, logistic, cargo expedition, observation, haversine method