

ABSTRAK

**Perancangan Sistem Informasi Akuntansi Persediaan Ban Berbasis *Microsoft Access*
Pipa Raya Ban**

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Pipa Raya Ban merupakan usaha dagang yang menjual berbagai merek dan ukuran ban kendaraan roda empat. Pencatatan persediaan masih dilakukan secara manual menggunakan nota pembelian, nota penjualan, dan buku stok, sehingga informasi persediaan sulit diperoleh dengan cepat, pencatatan rentan mengalami kesalahan, dan laporan belum tersusun secara terstruktur. Laporan akhir ini bertujuan menganalisis kondisi dan kelayakan penerapan sistem, merancang sistem informasi akuntansi persediaan berbasis *Microsoft Access*, serta menguji hasil implementasinya. Data diperoleh melalui wawancara, observasi, dan dokumentasi. Perancangan mencakup dokumen dan prosedur persediaan, basis data, relasi antartabel, *query*, *Form*, pembagian hak akses *admin* dan *staf*, serta laporan. Sistem mencatat barang masuk setelah ban diterima dan diperiksa, mencatat barang keluar ketika ban diserahkan kepada pelanggan, serta mengakomodasi ban pesanan khusus. Hasil pengujian menunjukkan bahwa fungsi login, pengelolaan data master, pencatatan barang masuk dan barang keluar, pembaruan stok, penambahan data ban baru, filter periode, dan penyajian laporan telah berjalan sesuai rancangan. Sistem menghasilkan laporan barang masuk, laporan barang keluar, dan kartu persediaan serta membantu mempercepat pencatatan, pengecekan stok, dan penelusuran data. Ketepatan informasi tetap bergantung pada ketelitian pengguna, pelaksanaan stok opname, dan pencadangan basis data secara berkala.

Kata Kunci: Sistem Informasi Akuntansi, Persediaan Ban, *Microsoft Access*

ABSTRACT

Design of a Microsoft Access- Based Accounting Information System for Tire Inventory at Pipa Raya Ban

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Pipa Raya Ban is a trading business that sells various brands and sizes of tires for four-wheeled vehicles. Inventory records are still maintained manually using purchase notes, sales notes, and a stock book, making inventory information difficult to obtain quickly, increasing the risk of recording errors, and resulting in unstructured reports. This final report aims to analyze the conditions and feasibility of system implementation, design a Microsoft Access-based inventory accounting information system, and evaluate its implementation. Data were collected through interviews, observation, and documentation. The system design covers inventory documents and procedures, databases, table Relationships, queries, Forms, role-based access for administrators and staff, and reports. The system records incoming goods after the tires are received and inspected, records outgoing goods when the tires are delivered to customers, and accommodates special-order tires. Testing shows that the login function, master data management, incoming and outgoing goods recording, stock updates, new tire data entry, period filtering, and report presentation operate as designed. The system produces incoming goods reports, outgoing goods reports, and inventory cards, while helping accelerate transaction recording, stock checking, and data tracing. Information accuracy still depends on user diligence, regular physical stock counts, and periodic database backups.

Keywords: Accounting Information System, Tire Inventory, Microsoft Access