

Program Studi Diploma Tiga Manajemen Informatika

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**“SISTEM INFORMASI *INVENTORY STOCK* DI BIN ZEEN
TEXTILE BERBASIS *WEBSITE*”**

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Bin Zeen Textile merupakan perusahaan yang bergerak di bidang penjualan kain dengan beragam jenis dan warna. Proses pengelolaan stock yang masih dilakukan secara manual sering menimbulkan permasalahan seperti ketidaksesuaian jumlah stok, keterlambatan informasi data stok, dan kesulitan dalam pembuatan laporan. Untuk mengatasi permasalahan tersebut, dirancang Sistem Informasi *Inventory Stock* di Bin Zeen Textile Berbasis *Website* yang dapat mengelola stok kain secara otomatis, akurat, dan *realtime*.

Hal inilah yang melatarbelakangi dirancangnya Sistem Informasi *Inventory Stock* di Bin Zeen Textile hingga yang bertujuan untuk memudahkan proses pencatatan data stok, barang masuk, barang keluar, barang rusak, memantau ketersediaan stok, serta menghasilkan laporan stok secara cepat dan sesuai *realtime*. Sistem ini menggunakan metode *waterfall* dengan metode pengumpulan data melalui tahap observasi, wawancara, dan studi pustaka.

Hasil penelitian ini berupa Sistem Informasi *Inventory Stock* di Bin Zeen Textile berbasis *Web*. Sistem ini memiliki 2 hak akses yaitu admin dan manager, admin dapat mengelola stok barang masuk dan keluar serta mencetak laporan, sedangkan manager dapat melihat data stok serta melihat laporan.

Kata Kunci: Sistem Informasi, *Inventory Stock*, *Waterfall*, Textile, Kain.

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**“THE WEB-BASED INVENTORY STOCK INFORMATION
SYSTEM AT BIN ZEEN TEXTILE”**

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ABSTRACT

Bin Zeen Textile is a company engaged in the sale of fabrics with a wide variety of types and colors. The current manual stock management process often leads to problems such as discrepancies in stock quantities, delays in stock data information, and difficulties in generating reports. To address these issues, a Web Based Inventory Stock Information System at Bin Zeen Textile was designed to manage fabric stock automatically, accurately, and in real time.

This is the background for the design of the Inventory Stock Information System at Bin Zeen Textile, which aims to simplify the processes of recording stock data, incoming goods, outgoing goods, and damaged goods; monitoring stock availability; and generating stock reports quickly and in real time. The system employs the waterfall method and utilizes data collection techniques through observation, interviews, and literature studies.

The result of this research is a Web-Based Inventory Stock Information System at Bin Zeen Textile. The system has two access rights: admin and manager. The admin can manage incoming and outgoing stock as well as print reports, while the manager can view stock data and reports.

Keywords: *Information System, Inventory Stock, Textile, Fabric, Waterfall*