DESIGNING A WEB-BASED WAREHOUSE STOCK INFORMATION SYSTEM IN A THRIFTING CLOTHING STORE

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ABSTRACT

The thrift clothing store Outfit Bymee Yogyakarta faces challenges with stock management because it continues to rely on manual record-keeping. This issue often results in recording errors, delays in reporting, and difficulties in monitoring stock availability. This research aims to design and develop a web-based warehouse stock information system to enable a more structured and efficient stock management process. The system development employs the incremental System Development Life Cycle (SDLC) model. The system includes features for managing item data, categories, incoming goods, outgoing goods, and automated stock reporting. System testing was conducted using the Blackbox method. The results of 27 test scenarios demonstrated a 100% success rate, with all tests passing successfully. Implementation results indicate that this information system can improve recording accuracy, accelerate report preparation, and enable store owners to monitor stock conditions more effectively and accurately.

Keywords: System, Stock, Web, SDLC, Thrifting.