

ABSTRACT

CV Bartec Utama Mandiri is a company engaged in engineering and manufacturing of medical devices and supporting components for health services. The company records data related to raw material management and incoming and outgoing transactions in document form. The manual recording process occasionally presents challenges, such as recording errors, difficulties in tracking inventory, and reduced data accuracy, which can affect the smooth operation of the company. This research aims to design and build a warehousing information system that can overcome these problems. The method used in this research is the ICONIX process, chosen for its ability to focus on user requirements through a simple and efficient approach, without neglecting analysis, design, and implementation. The ICONIX process method involves four main stages, namely requirements, analysis/preliminary design, detailed design, and implementation, which produce artefacts at each stage. The result of this research is a warehousing information system that enables more systematic management of raw materials, stocks, and incoming and outgoing goods transactions. The system has been tested using the black-box method, with results showing that the system is feasible to use and can be further developed. Hopefully, the implementation of this system can improve operational efficiency and support the business growth of CV Bartec Utama Mandiri.

Keywords : CV Bartec Utama Mandiri, Warehousing Information System, ICONIX Process, Stock Manager