

ABSTRACT

In the era of rapidly developing information technology, it is important for organizations and companies to utilize information systems to improve operational efficiency. PT Shima Prima Utama, a company in Palembang city, has implemented an information system to manage its warehouse and inventory. The problems faced by PT. Shima Prima Utama involve data redundancy, mismatches, and lack of editing features in the existing inventory system. To overcome these problems, it is necessary to design a warehouse application with additional key features, such as barcode scanning, editing, and deleting unused data. Through practical work activities, the author identifies that the design of this application can assist companies in providing more accurate, fast, and efficient information about the management of goods. The implementation of information technology, including the use of barcodes, is expected to improve PT Shima Prima Utama's operational efficiency, create a more structured work environment, and optimize warehouse management. Thus, the company can continue to grow through the proper utilization of information technology.

Keywords.: Information Technology, Warehouse System, Barcode