Abstract

Having to spend 20 to 30 minutes on a queue, waiting for bought items to be scanned is a common problem that brings concern in this current shopping day in developing countries of Africa. This does not only cause wastage of time for the customers but also, it’s a sure sign which shows the incompetence of the performance of current barcodes check-out technology. To resolve this problem, a new technology is introduced which can improve the inventory system process. This technology has great potential for the automation of inventory control system which uses the 13.56 MHz operating frequency RFID technology. This paper describes and implements a RFID based inventory control system for supermarkets in Nigeria.

References


Index Terms

Computer Science

Information Sciences

Keywords

RFID Readers  RFID Tag  Barcodes  Stocks  Inventory control system