

Title: The Design and Implementation of Realty Archive Management System Based On RFID Technology
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ABSTRACT

Radio Frequency Identification (RFID) is an advanced form of Automatic Identification and Data Capture (AIDC). The advantage of that it can read data without physical contact. The AIDC of data completes the work of gathering original data. As a technology of AIDC, RFID solves the problems of low speed, high rate of error code, hard and repetitive works that exist in manual data entry, and it provides an efficient means for computerizing in quick and accurate data entry.

This paper optimizes the old realty archive management system by using RFID technology and combining Radio Frequency Card with Bar Code. The realty archive management system based on RFID technology is set up the foundation of the old realty information system and adopt the mixed architecture design of C/S and B/S.

Firstly, this paper analyzes the background and the research purpose of realty archives management system based on RFID technology, then detailedly introduces RFID technology and RFID system, opens out the advantage of RFID technology by comparing to the old realty archive management system. Then, this paper analyses the requirements of realty archive management system based on RFID technology, and at length discusses the design and implementation of realty management.

The entity management module of the old system is made up of packing up, using and entity management. This paper implements tracking of archive entity, makes more easier archive's checking, improve the work efficiency of archive entity management and settle the problem of the misplace of archive.

Key words RFID、Archives、Realty、read/write tag