

ABSTRAK

Penelitian ini bertujuan untuk merancang sistem pencatatan persediaan barang berbasis *Microsoft Access* 2021 pada Toko Bintang Variasi & AC Mobil. Permasalahan yang dihadapi oleh toko yaitu proses pencatatan persediaan barang masih dilakukan secara manual menggunakan buku tulis, sehingga sering terjadi kesalahan pencatatan, keterlambatan dalam memperoleh informasi stok barang, serta kesulitan dalam penyusunan laporan persediaan secara cepat dan akurat. Selain itu, sistem pencatatan manual juga berisiko menyebabkan kehilangan data, ketidaksesuaian antara stok fisik dengan data yang tercatat, serta memperlambat proses pencarian informasi barang. Penelitian ini menggunakan metode *Research and Development* (R&D) dengan model ADDIE yang meliputi tahapan *Analysis, Design, Development, Implementation, dan Evaluation*. Sistem yang dirancang memanfaatkan beberapa komponen utama *Microsoft Access*, yaitu *table, query, form, dan report* untuk mendukung proses pengelolaan data barang masuk, barang keluar, dan stok barang. Hasil penelitian ini berupa sistem pencatatan persediaan barang yang dapat membantu admin dalam melakukan pencatatan dan pengolahan data secara lebih cepat, teratur, dan akurat. Selain itu, sistem ini juga mampu mempermudah proses pencarian data, pemantauan stok barang, serta pembuatan laporan persediaan secara otomatis dan lebih efisien. Dengan adanya sistem berbasis *Microsoft Access* 2021 ini, diharapkan pengelolaan persediaan barang pada Toko Bintang Variasi & AC Mobil menjadi lebih efektif, efisien, serta mampu meningkatkan kualitas pengelolaan administrasi persediaan barang.

Kata Kunci: Microsoft Access 2021, Persediaan Barang, Sistem Pencatatan, Database, UMKM

ABSTRACT

This study aims to design an inventory recording system based on Microsoft Access 2021 at Toko Bintang Variasi & AC Mobil. The problem faced by the store is that the inventory recording process is still carried out manually using notebooks, resulting in recording errors, delays in obtaining stock information, and difficulties in preparing inventory reports quickly and accurately. In addition, the manual recording system also has the risk of causing data loss, discrepancies between physical stock and recorded data, and slowing down the process of searching for inventory information. The research method used in this study is Research and Development (R&D) with the ADDIE model, which consists of the Analysis, Design, Development, Implementation, and Evaluation stages. The designed system utilizes several main components of Microsoft Access, namely tables, queries, forms, and reports to support the management of incoming goods, outgoing goods, and inventory stock data. The result of this study is an inventory recording system that can assist the admin in recording and processing data more quickly, systematically, and accurately. In addition, the system can simplify the process of searching data, monitoring inventory stock, and generating inventory reports automatically and efficiently. With the implementation of the Microsoft Access 2021-based system, it is expected that inventory management at Toko Bintang Variasi & AC Mobil will become more effective and efficient and improve the quality of inventory administration management.

Keywords: Microsoft Access 2021, Inventory, Recording System, Database, Information Sytstem