

ABSTRAK

Perpustakaan merupakan salah satu sarana pendukung kegiatan belajar mengajar yang memiliki peran penting dalam menyediakan informasi dan sumber belajar bagi siswa maupun guru. Berdasarkan hasil observasi dan wawancara di SMP Negeri 31 Palembang, proses pengelolaan perpustakaan masih dilakukan secara manual sehingga sering mengalami kendala dalam pengolahan data buku, data anggota, transaksi peminjaman, pengembalian buku, serta pembuatan laporan. Tujuan penelitian ini adalah merancang Sistem Informasi Perpustakaan berbasis Microsoft Access yang dapat membantu meningkatkan efektivitas dan efisiensi pengelolaan perpustakaan. Metode yang digunakan dalam penelitian ini adalah *Research and Development (R&D)* dengan model pengembangan ADDIE yang meliputi tahap *Analysis, Design, Development, Implementation, dan Evaluation*. Teknik pengumpulan data dilakukan melalui observasi, wawancara, dokumentasi, dan studi pustaka. Sistem yang dikembangkan menggunakan Microsoft Access dengan fitur pengelolaan data buku, data anggota, transaksi peminjaman, pengembalian buku, serta laporan perpustakaan. Hasil penelitian menunjukkan bahwa sistem informasi perpustakaan yang dirancang mampu membantu petugas perpustakaan dalam mengelola data secara lebih cepat, akurat, dan terorganisir. Selain itu, sistem dapat mempermudah proses pencarian data, mengurangi kesalahan pencatatan, serta mempercepat pembuatan laporan perpustakaan.

Kata Kunci: *Sistem Informasi, Perpustakaan, Microsoft Access, Perancangan ADDIE.*

ABSTRACT

The library is one of the supporting facilities in the teaching and learning process that plays an important role in providing information and learning resources for students and teachers. Based on observations and interviews conducted at SMP Negeri 31 Palembang, library management activities are still carried out manually, resulting in difficulties in managing book data, member data, borrowing transactions, book returns, and report preparation. The purpose of this study is to design a Microsoft Access-based Library Information System to improve the effectiveness and efficiency of library management. This study employed the Research and Development (R&D) method using the ADDIE development model, which consists of Analysis, Design, Development, Implementation, and Evaluation stages. Data collection techniques included observation, interviews, documentation, and literature study. The system was developed using Microsoft Access with features for managing book data, member data, borrowing transactions, book returns, and library reports. The results indicate that the designed library information system is capable of assisting library staff in managing data more quickly, accurately, and systematically. In addition, the system facilitates data retrieval, reduces recording errors, and accelerates the preparation of library reports.

Keywords: *Information System, Library, Microsoft Access, Design ADDIE,*