REDA NANDANG HERMAWAN, 22.240.0046

IMPLEMENTASI SISTEM SIMPUS SEBAGAI TEKNOLOGI TEPAT GUNA DALAM MANAJEMEN PERPUSTAKAAN (STUDI KASUS: SMPN 10 KOTA PEKALONGAN)

ABSTRAK

Perkembangan teknologi informasi membuka peluang besar untuk meningkatkan efisiensi pengelolaan administrasi di bidang pendidikan, termasuk pada perpustakaan. Di SMPN 10 Kota Pekalongan, kegiatan perpustakaan sebelumnya masih dilakukan secara manual menggunakan buku, yang menyebabkan proses pencarian data menjadi lambat dan berisiko kehilangan catatan. Sebagai solusi, dikembangkan Sistem Informasi Perpustakaan berbasis website dengan fitur pencatatan data buku, manajemen data siswa, pencatatan kehadiran, peminjaman, pengembalian, dan pengelolaan denda. Metodologi pelaksanaan mencakup tahapan pengujian sistem, Solusi perbaikan, implementasi, target penerima manfaat. Berdasarkan hasil penilaian dari pihak sekolah, sistem memperoleh total nilai 90, dengan rincian Implementasi dan Fungsi Teknologi Tepat Guna sebesar 60% (nilai 55) dan Manfaat serta Dampak Teknologi Tepat Guna sebesar 40% (nilai 35). Hasil ini menunjukkan bahwa sistem layak digunakan dan dapat diterapkan secara berkelanjutan untuk mendukung kegiatan perpustakaan. Dengan adanya sistem ini, pengelolaan perpustakaan menjadi lebih cepat, akurat, dan terorganisir. Adapun saran pengembangan yaitu menambahkan fitur pencarian koleksi buku agar siswa ataupun siswi dapat dengan mudah mengetahui koleksi buku di perpustakaan.

Kata Kunci : Sistem Informasi, Perpustakaan, Website

REDA NANDANG HERMAWAN, 22.240.0046

IMPLEMENTATION OF THE SIMPUS SYSTEM AS AN APPROPRIATE TECHNOLOGY IN LIBRARY MANAGEMENT (CASE STUDY: SMPN 10 PEKALONGAN CITY)

Under the guidance of Sattriedi Wahyu Binabar, M.Kom and Nurul Amalia, M.Kom.

ABSTRACT

The development of information technology opens up great opportunities to improve the efficiency of administrative management in the field of education, including in libraries. At SMPN 10 Pekalongan City, previous library activities were still carried out manually using books, which caused the data search process to be slow and at risk of losing records. As a solution, a website-based Library Information System was developed with features of book data recording, student data management, attendance recording, borrowing, returns, and fine management. The implementation methodology includes the stages of system testing, improvement solutions, implementation, and target beneficiaries. Based on the results of the assessment from the school, the system obtained a total score of 90, with details of the Implementation and Function of Appropriate Technology of 60% (score 55) and Benefits and Impact of Appropriate Technology of 40% (score of 35). These results show that the system is feasible to use and can be implemented sustainably to support library activities. With this system, library management becomes faster, more accurate, and organized. The development suggestion is to add a book collection search feature so that students can easily find out the book collection in the library.

Keyword   :   Information Systems, Libraries, Websites