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SISTEM INFORMASI LAYANAN PENDIDIKAN BERBASIS WEB DI SMP NEGERI 6 PEKALONGAN STUDI KASUS PENGELOLAAN DATA PENGGUNA DAN PENILAIAN SISWA

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ABSTRAKSI

Penelitian ini membahas tentang pengembangan Sistem Informasi Layanan Pendidikan Berbasis Web di SMP Negeri 6 Pekalongan yang bertujuan untuk mempermudah pengelolaan data akademik seperti data pengguna, data siswa, data kelas, dan nilai siswa secara terintegrasi. Permasalahan utama yang dihadapi sekolah adalah proses pengelolaan data akademik masih kurang optimal dengan menggunakan spreadsheet, sehingga sering terjadi keterlambatan dalam input nilai dan ketidaksesuaian data antara guru, admin, dan kepala sekolah. Metode pelaksanaan yang meliputi proses identifikasi masalah, analisis kebutuhan sistem, Solusi teknologi, pengimplemntasian yang meliputi hosting, migrasi data, pengujian, pelatihan pengguna, monitoring, dan evaluasi. Hasil penelitian menunjukkan bahwa sistem yang dibangun berhasil mempermudah kinerja admin dalam memperbarui data siswa, guru dalam mengelola nilai sumatif dan memilih jumlah rencana penilaian, serta kepala sekolah dalam memantau kinerja guru. Siswa juga dapat melihat nilai dan rata-rata hasil belajar secara real-time. Berdasarkan pengujian serta pelatihan, sistem dinilai mudah digunakan, responsif, dan sesuai dengan kebutuhan pengguna. Kesimpulan dari penelitian ini adalah sistem informasi layanan pendidikan yang dikembangkan dinilai layak digunakan dan efektif dalam meningkatkan efisiensi pengelolaan data akademik di sekolah. Saran untuk pengembangan selanjutnya adalah menambahkan fitur pengelolaan nilai formatif, pencetakan rapor.

Kata Kunci: Sistem Informasi Layanan Pendidikan, Web, Nilai Siswa, Dapodik

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WEB-BASED EDUCATIONAL SERVICE INFORMATION SYSTEM AT STATE
MIDDLE SCHOOL 6 PEKALONGAN CASE STUDY OF USER DATA
MANAGEMENT AND STUDENT ASSESSMENT

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ABSTRACT

This study discusses the development of a Web-Based Educational Service Information System at SMP Negeri 6 Pekalongan which aims to simplify the management of academic data such as user data, student data, class data, and student grades in an integrated manner. The main problem faced by the school is that the academic data management process is still less than optimal using spreadsheets, so that there are often delays in inputting grades and data discrepancies between teachers, admins, and the principal. The implementation method includes the process of identifying problems, analyzing system needs, technological solutions, implementation including hosting, data migration, testing, user training, monitoring, and evaluation. The results of the study show that the system built successfully simplifies the performance of admins in updating student data, teachers in managing summative grades and selecting the number of assessment plans, and the principal in monitoring teacher performance. Students can also view grades and average learning outcomes in real-time. Based on testing and training, the system is considered easy to use, responsive, and in accordance with user needs. The conclusion of this study is that the developed Educational Service information system is considered feasible to use and effective in increasing the efficiency of academic data management in schools. Suggestions for further development are adding formative grade management features, report card printing.

Keyword: *Educational Service Information System, Web, Student Grades, Dapodik.*