

MUHAMMAD FARHAN, 22.240.0088

SISTEM INFORMASI AKADEMIK SD PROYONANGGAN 9 BATANG
BERBASIS WEBSITE

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ABSTRAK

Sistem pencatatan nilai akademik di SD Negeri Proyonanggan 9 Batang masih dilakukan secara manual menggunakan Microsoft Excel dan buku catatan, menyebabkan data tidak terpusat, rentan hilang, serta menyulitkan akses wali murid terhadap perkembangan belajar anak. Penelitian ini bertujuan membangun sistem informasi akademik berbasis website yang terintegrasi dengan website profil sekolah guna meningkatkan efisiensi administrasi, transparansi informasi, dan aksesibilitas layanan akademik. Metode pengembangan menggunakan pendekatan teknologi tepat guna dengan Laravel sebagai backend, MySQL untuk basis data, serta React.js dan Next.js untuk frontend. Hasil implementasi menunjukkan sistem berhasil memusatkan pengelolaan nilai, menyediakan akses mandiri bagi siswa dan wali murid, serta mengurangi beban administratif guru. Berdasarkan UAT dan kuesioner, sistem diterima dengan baik dan dinilai mudah digunakan. Disimpulkan bahwa sistem ini efektif sebagai solusi digitalisasi akademik di tingkat sekolah dasar. Saran pengembangan meliputi penambahan notifikasi otomatis, Modul Laporan yang Lebih Komprehensif, serta integrasi dengan platform pemerintah.

Kata Kunci : Sistem Informasi Akademik, Website Sekolah, Transparansi Nilai, Digitalisasi Pendidikan.

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WEB-BASED ACADEMIC INFORMATION SYSTEM FOR SD
PROYONANGGAN 9 BATANG

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ABSTRACT

The academic grade recording system at SD Negeri Proyonanggan 9 Batang is still conducted manually using Microsoft Excel and physical books, leading to decentralized data, vulnerability to loss, and limited access for parents to monitor their children's academic progress. This study aims to develop a web-based academic information system integrated with a school profile website to enhance administrative efficiency, information transparency, and academic service accessibility. The development method employs an appropriate technology approach using Laravel for backend, MySQL for database, and React.js with Next.js for frontend. The implementation results show that the system successfully centralizes grade management, provides independent access for students and parents, and reduces teachers' administrative workload. Based on UAT and questionnaires, the system is well-received and considered user-friendly. It is concluded that the system is effective as a digital academic solution at the elementary school level. Suggested future improvements include adding automatic notifications, more comprehensive reporting module, and integrating with government platforms.

Keywords: Academic Information System, School Website, Grade Transparency, Educational Digitalization.