

INTISARI

Penelitian ini bertujuan untuk mengembangkan Sistem Informasi Akademik berbasis web di SMP Negeri 4 Boyolali menggunakan metode Rapid Application Development (RAD). Permasalahan yang diangkat adalah belum optimalnya penyampaian informasi akademik, khususnya informasi nilai, absensi, jadwal, dan monitoring perkembangan siswa kepada orang tua. Metode pengumpulan data dilakukan melalui observasi, wawancara, dan studi pustaka. Sistem dikembangkan melalui tahapan perencanaan kebutuhan, perancangan, pengembangan prototype, implementasi, dan pengujian. Hasil pengujian menggunakan Pengujian *black box* menunjukkan bahwa fitur utama sistem berjalan sesuai skenario pengujian dan memperoleh hasil valid. Dengan demikian, sistem informasi akademik berbasis web ini dapat membantu sekolah dalam menyampaikan informasi akademik secara lebih efektif dan mendukung keterlibatan orang tua dalam memantau perkembangan akademik siswa.

Kata kunci: sistem informasi akademik, *website*, *Rapid Application Development*, *black box testing*

ABSTRACT

This study aims to develop a web-based Academic Information System for SMP Negeri 4 Boyolali using the Rapid Application Development (RAD) method. The main problem addressed in this research is the limited availability of academic information, particularly student grades, attendance, schedules, and parental monitoring features. Data were collected through observation, interviews, and literature study. The system development process consisted of requirement planning, design, prototype development, implementation, and testing. The system was evaluated using black box testing approach. The test results show that the main system features run according to the designed scenarios and produce Valid results. Therefore, the developed web-based academic information system can support the school in delivering academic information more effectively and help parents monitor students' academic progress.

Keyword: academic information system, website, Rapid Application Development, black box testing