

ABSTRAK

Penelitian ini bertujuan untuk merancang, mengembangkan, dan menguji kelayakan Sistem Informasi Jurnal Harian Guru berbasis web di SMK YPM 12 Tuban sebagai solusi atas permasalahan pencatatan presensi dan kegiatan mengajar yang masih dilakukan secara manual. Metode penelitian yang digunakan adalah Research and Development (RnD) dengan model pengembangan Waterfall yang meliputi tahap analisis kebutuhan, perancangan sistem, pengembangan, implementasi, dan pengujian. Sistem dikembangkan dengan tiga hak akses, yaitu admin, guru, dan kepala sekolah. Fitur utama meliputi pengelolaan data guru, input jurnal harian, verifikasi jurnal, serta pencetakan laporan harian dan bulanan. Akses sistem dibatasi melalui jaringan wi-fi sekolah untuk memastikan validitas kehadiran. Pengujian dilakukan pada aspek functionality dan usability. Hasil uji menunjukkan seluruh fitur berjalan sesuai kebutuhan dan memperoleh tingkat penerimaan sangat baik dari 13 responden. Dengan demikian, sistem informasi yang dikembangkan dinyatakan layak dan efektif dalam mendukung monitoring serta evaluasi kinerja guru di SMK YPM 12 Tuban.

Kata Kunci: sistem informasi, jurnal harian guru, berbasis web, Waterfall

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ABSTRACT

This research aims to design, develop, and test the feasibility of a web-based Teacher Daily Journal Information System at SMK YPM 12 Tuban as a solution to the problem of recording attendance and teaching activities, which is still done manually. The research method used is Research and Development (R&D) with a Waterfall development model that includes the stages of needs analysis, system design, development, implementation, and testing. The system was developed with three access rights: admin, teacher, and principal. Key features include teacher data management, daily journal input, journal verification, and printing of daily and monthly reports. System access is restricted through the school's network to ensure the validity of attendance. Testing was conducted on functionality and usability aspects. Test results showed that all features functioned as required and received a very good acceptance rating from 13 respondents. Thus, the developed information system was deemed feasible and effective in supporting the monitoring and evaluation of teacher performance at SMK YPM 12 Tuban.

Keywords: information system, teacher daily journal, web-based, Waterfall