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SISTEM INFORMASI AKADEMIK PADA ANAK USIA DINI BERBASIS
WEB DI KB MUSLIMAT NU KARANGJOMPO

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ABSTRAK

KB Muslimat NU Karangjampo merupakan lembaga pendidikan anak usia dini yang masih menggunakan metode manual dalam mengelola data akademik, termasuk pencatatan absensi. Sistem konvensional ini sering mengalami kendala seperti kurangnya efisiensi, keterlambatan pencatatan, serta potensi kesalahan dalam rekapitulasi data. Untuk mengatasi permasalahan tersebut, dikembangkan sebuah Sistem Informasi Akademik berbasis web yang bertujuan meningkatkan efisiensi serta keakuratan dalam pencatatan kehadiran siswa. Penelitian ini menggunakan metode pengumpulan data melalui wawancara dan observasi. Sistem dirancang dengan pendekatan pengembangan perangkat lunak model waterfall yang mencakup enam tahap, yaitu studi kelayakan, analisis kebutuhan, perancangan, implementasi, pengujian, dan pemeliharaan. Pengujian sistem dilakukan dengan metode Graphical User Interface (GUI), User Acceptance Test (UAT), serta kuesioner guna mengevaluasi kualitas dan efektivitas sistem. Hasil dari penelitian ini adalah sebuah Sistem Informasi Akademik berbasis web yang dapat meningkatkan efisiensi dalam pengelolaan absensi di KB Muslimat NU Karangjampo. Dengan adanya sistem ini, guru dapat mencatat serta mengakses data kehadiran siswa secara lebih cepat dan akurat.

Kata kunci: Sistem Informasi Akademik, Absensi, Web, Efisiensi, Akurasi, Waterfall, KB Muslimat NU Karangjampo.

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WEB-BASED ACADEMIC INFORMATION SYSTEM FOR EARLY
CHILDHOOD IN KB MUSLIMAT NU KARANGJOMPO

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ABSTRAK

KB Muslimat NU Karangjampo is an early childhood education institution that still uses conventional methods in managing academic data, including recording attendance which is done manually. This process often faces obstacles such as inefficiency, recording delays, and the risk of errors in data recapitulation. Based on these problems, a web-based Academic Information System was developed to improve efficiency and accuracy in managing student attendance. The data collection methods used in this research are interviews and observations. This system is designed using the waterfall software development method which consists of six stages, namely feasibility study, requirements analysis and specifications, design, coding, testing, and maintenance. System testing was conducted using the Graphical User Interface (GUI) method, User Acceptance Test (UAT), and questionnaires to evaluate the quality and effectiveness of the system. Through the stages of collection, development, and testing, a web-based Academic Information System is produced that can improve the efficiency of attendance management at KB Muslimat NU Karangjampo. This system is expected to facilitate teachers in recording and accessing student attendance data more quickly and accurately.

Keywords: Academic Information System, Attendance, Web, Efficiency, Accuracy, Waterfall, KB Muslimat NU Karangjampo.