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ABSTRAK

Pengelolaan data alumni menjadi sangat dibutuhkan karena kualitas lulusan berkontribusi langsung pada reputasi sekolah. Hasil wawancara dengan pengelola data alumni di SMKS Al Hikam mengungkap terdapat beberapa masalah utama yaitu pencatatan masih manual, kesulitan melacak status pekerjaan alumni, dan lamanya proses rekapitulasi informasi. Penelitian ini bertujuan untuk mengembangkan sistem informasi berbasis web untuk manajemen data alumni dan pelacakan, serta menilai kelayakannya. Metode yang digunakan adalah model *waterfall* dengan lima tahapan, analisis kebutuhan, perancangan, implementasi, pengujian, dan pemeliharaan. Evaluasi melibatkan uji ahli dan uji pengguna. Hasil uji ahli sistem menunjukkan kelayakan “Sangat Baik” dengan skor 100%, sedangkan uji pengguna memperoleh 90% dan dinilai “Sangat Baik”. Sistem menyediakan fitur manajemen data alumni, berita, ekspor data ke Excel, dan pengiriman pesan terintegrasi *WhatsApp*. Adanya sistem informasi ini, diharapkan sekolah dapat mempercepat pengelolaan serta pelacakan alumni secara efisien dan efektif, sekaligus memudahkan alumni memperbarui data dan memperoleh informasi karier pascakuliah.

Kata kunci: Sistem Informasi, Alumni, SMKS Al Hikam, Website.

Yogi Rifansyah Ramadhan. 2025. Development of Alumni Data Management Information System at Web-Based Al Hikam SMKS. Thesis, Informatics Education Study Program, Faculty of Education, Universitas Trunojoyo Madura. Advisor: Nuru Aini..

ABSTRACT

Alumni data management is needed because the quality of graduates directly contributes to the school's reputation. The results of interviews with alumni data managers at SMKS Al Hikam revealed that there were several main problems, namely manual recording, difficulty tracking alumni employment status, and the length of the information recapitulation process. This research aims to develop a web-based information system for alumni data management and tracking, and assess its feasibility. The method used is a waterfall model with five stages, needs analysis, design, implementation, testing, and maintenance. The evaluation involved expert tests and user tests. The results of the system expert test showed "Very Good" feasibility with a score of 100%, while the user test obtained 90% and was rated "Very Good". The system provides alumni data management features, news, data export to Excel, and WhatsApp integrated messaging. The existence of this information system is expected to accelerate the management and tracking of alumni efficiently and effectively, while making it easier for alumni to update data and obtain postgraduate career information.

Keywords: *Information System, Alumni, SMKS Al Hikam, Website.*