

Mukhlis Ainur Rahman, 2026. Pengembangan Sistem Informasi Pengelolaan Data Alumni Berbasis Website Di Ma Syekh Abdurrahman Pamekasan, Skripsi, Program Studi Pendidikan Informatika (PIF), Fakultas Keguruan dan Ilmu Pendidikan, Universitas Trunodjoyo Madura. Pembimbing: Nuru Aini, S.Kom., M.Kom.

ABSTRAK

Abstrak: Penelitian ini bertujuan untuk mengembangkan sistem informasi pengelolaan data alumni berbasis *website* di MA Syekh Abdurrahman Pamekasan. Proses pengembangan ini menggunakan *framework* laravel dengan model *waterfall* yang meliputi tahapan *Requirement, Design, Implementation, Testing, Maintenance*. Hasil dari tahap *requierement* menunjukkan bahwa pengelolaan data alumni masih dilakukan secara manual, serta sulitnya mengetahui informasi terkait pekerjaan alumni. hasil validasi yang dilakukan oleh ahli sistem mendapatkan skor 100% yang dikategorikan "Sangat Layak", serta dilakukan uji pengguna dengan hasil 89% yang dikategorikan "Sangat Layak", serta dilakukan tahap *perfomance effeciency* dengan skor 81% dengan waktu *load* 1.7 detik yang dikategorikan "Sangat Layak", serta pengujian media mendapatkan skor 100% untuk *portability* dan *maintainability*. Berdasarkan hasil tersebut, sistem informasi pengelolaan data alumni berbasis *website* dinyatakan layak untuk diterapkan di MA Syekh Abdurrahman Pamekasan karena memberikan kemudahan dalam mengelola data alumni secara digital.

Kata-Kata Kunci: Alumni, Sistem Infomasi, *Website*, ISO 25010

Mukhlis Ainur Rahman, 2026. Development of a Website-Based Alumni Data Management Information System at MA Syekh Abdurrahman Pamekasan, Undergraduate Thesis, Informatics Education Programme (PIF), Faculty of Teacher Training and Educational Sciences, Trunodjoyo University, Madura. Supervisor: Nuru Aini, S.Kom., M.Kom

ABSTRACT

This research aims to develop a website-based alumni data management information system at MA Syekh Abdurrahman Pamekasan. The development process utilised the Laravel framework with the waterfall model, comprising the stages of Requirements, Design, Implementation, Testing and Maintenance. The results of the requirements stage indicated that alumni data management is still carried out manually, and that it is difficult to obtain information regarding alumni employment. The validation results, carried out by a systems expert, achieved a score of 100 per cent, categorised as 'Highly Suitable', whilst user testing yielded a score of 89 per cent, also categorised as 'Highly Suitable', and the performance efficiency phase achieved a score of 81 per cent with a load time of 1.7 seconds, categorised as "Highly Acceptable", whilst media testing achieved a score of 100% for portability and maintainability. Based on these results, the web-based alumni data management information system is deemed suitable for implementation at MA Syekh Abdurrahman Pamekasan as it facilitates the digital management of alumni data.

Keyword : Alumni, Information Systems, Websites, ISO 25010