INTISARI

Penelitian ini bertujuan untuk Perancangan Aplikasi Pengolahan Nnilai Raport pada MTs muhammadiyah wangon berbasis web. dengan Melakukan pengujian berdasarkan 4 karakteristik dalam standar ISO 25010 terhadap aplikasi yang dikembangkan. Metode yang digunakan adalah ADDIE analysis, design, development, implementation, evaluation. Pengujian dilakukan bedasarkan standar ISO 25010 pada karakteristik usability, functional suitability, reliability, performance efficiency. Hasil dari penelitian Pengolahan Nnilai Raport berbasis web yang dapat digunakan untuk membantu proses pengelolaan nilai rapor di MTs Muhammadiyah Wangon secara terpusat. Sistem informasi yang dikembangkan telah memenuhi karakteristik standar ISO 25010, yaitu usability, functional suitability , reliability , dan performance efficiency. dengan hasil usability sebesar 88,7%, hasil functional suitability presentase kelayakan sebesar 100%, hasil reliability dengan menggunakan tools WAPT 9.7 sebesar 95 %, hasil performance efficiency dengan GTmetrix sebesar 73%.

Kata Kunci: web, ADDIE, ISO 25010

ABSTRACT

This research aims to design application processing of Nnilai Raport at MTs Muhammadiyah Wangon web based. By testing based on 4 characteristics in the ISO 25010 standard of developed applications. The methods used are ADDIE analysis, design, development, implementation, evaluation. Testing conducted based on the ISO 25010 standard on usability characteristics, functional suitability, reliability, performance efficiency. Results of the research processing value-based Raport Website that can be used to assist the process of managing the player ratings value in MTs Muhammadiyah Wangon centrally. The information systems developed have fulfilled the standard characteristics of ISO 25010, namely usability, functional suitability, reliability, and performance Efficiency. With usability results of 88,7%, functional suitability percentage feasibility result of 100%, Reliability results using WAPT 9.7 tools of 95%, performance efficiency with GTmetrix of 73%.

Keywords: web, ADDIE, ISO 25010