ABSTRACT

Rancang Bangun Sistem Informasi Ujian Online Berbasis Web Pada Sekolah Dasar XYZ.

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This research aims to design and develop a Web-Based Online Examination Information System at XYZ Private Elementary School. Considering the rapid advancement of information technology, the implementation of web-based systems in education has become crucial to enhancing the efficiency and effectiveness of examinations. SDS XYZ still faces several challenges in conducting exams, such as lengthy grading processes, limited examination space, and security issues with exam papers. The research began by identifying the needs and problems encountered in conducting exams at SDS XYZ. Based on these findings, a web-based online examination system was designed using the PHP programming language and MySQL database. This system includes features such as exam question creation and management, online exam administration, and the provision of quick and accurate exam result reports. The implementation of this system is expected to address various existing challenges, simplify the examination process for teachers and students, and improve exam efficiency and security. Regular evaluations are conducted to ensure that the system remains relevant and effective in supporting the learning process. The results of the study indicate that this web-based online examination system successfully enhances efficiency and transparency in exam administration and creates a safer and more controlled exam environment. Therefore, this research contributes positively to improving the quality of education at SDS XYZ and can serve as a reference for developing similar systems in other educational institutions.

Keywords: online examination, Application, php, Mysql, Waterfall Method