DESIGN AND CONSTRUCTION OF WEB-BASED NEW STUDENT REGISTRATION INFORMATION SYSTEM

(Case Study: State Islamic Junior High School 2 Sleman, Yogyakarta)

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ABSTRACT

Admission of new students is a routine annual agenda held in all schools in Indonesia such as at MTS Negeri 2 Sleman. The process of registering new students at MTS Negeri 2 Sleman still experiences a number of obstacles, including frequent duplicate data on Google forms resulting in inconsistent data and difficulty in changing and checking data errors for prospective students, the registration committee feels overwhelmed and requires a lot of time to serve prospective students. The purpose of this study is to design and build a web-based new student registration information system that can minimize inaccuracy of prospective new student data, make it easier for admins to manage and summarize reports related to new student registration, make it easier for prospective students to register anywhere and anytime without having to queue and can improve administrative services for new student registration at MTS Negeri 2 Sleman, this system is built using the Waterfall method, Data Flow Diagram (DFD) for modeling, and the PHP programming language and Laravel Framework. The test results show that the system gets a grade "B" with a green color indicator and a performance value of 83%, and a structure score of 97%, which means that the structure and performance of this website are good. This information system simplifies the process of registering new students at MTS Negeri 2 Sleman.

Keywords*: New student registration, information system, design, Laravel*