ABSTRACT

ANALYSIS AND DEVELOPMENT OF ACADEMIC STUDENT INFORMATION SYSTEM BASED ON WEB USING PHP AND MYSQL IN SMA N 1 TAYU

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This research aims to produce software Academic Student Information System Using Web-Based PHP and MySQL in SMA N 1 Tayu and test the feasibility. The information system has been tested to be able to process general academic data such as data administrator, administration, principal, homeroom, teachers, and students. In this study also determined the level of proprietary software that was created to test the feasibility of information systems in SMA N 1 Tayu.

This type of research is the Research and Development. The study measures the : potential problems, requirements analysis, design, implementation, validation specialists, product revision, user testing, revision of the product, mass publications. Respondents trial there were 28 students of class XII and 2 teachers IPA2 subjects SMA N 1 Tayu. Method of data collection with the literature and questionnaires. The method used to analyze the data is descriptive analysis techniques such as quantitative scores and percentages on a predetermined grading scale.

The results showed that the system is able to process information in general academic data such as data administrator, administration, principal, homeroom, teachers, and students. Feasibility level assessment software by experts indicate that the information system is very feasible. Based on the assessment of students and teachers, the feasibility of information systems is very decent. Percentage viability by software engineering experts and users in order to obtain a percentage of 91.5% and 86.358%. It can be concluded that the information system has good quality and very decent for student academic data processing.

Keywords : Information Systems, Academic, Web Based, Web, PHP, SQL.