ABSTRACT

SMA Negeri 1 Bumiayu is an institution engaged in education. based on the results of research conducted, that the submission of the final semester in SMA Negeri 1 Bumiayu still done as it should, where the results of student learning activities presented in a book report form report card each semester. With the current system that runs often cause a variety of constraints such as report cards are often delays in delivery caused by students not yet completed the overall value, the loss of value from one of the students, and others. This study aims to provide facilities, minimize errors, and improve the greatest security in the data processing end of the semester. From these research goals produced some uses which consist of practical and academic usefulness.

The research method used is descriptive method, data collection methods used include interviews and observations, the approach used is a structured approach, while the method of system development by using Prototype methods, analysis tools and system design includes flowmap, context diagrams, data flow diagram (DFD), data dictionary and database design. As for software support in making the value of information systems online at SMA Negeri 1 Bumiayu includes XAMPP as webserver, MySQL as the database, Adobe Dreamweaver CS 4 as editor writing PHP files and HTML and Adobe Photoshop Cs3 as web design.

With the Value Information System Online at SMA Negeri 1 Bumiayu is expected to produce results that provide convenience in the delivery of the end of the semester, as well as having a more integrated media storage, but it can become an interactive medium between students and teachers and parents of students and the school.

Keywords : Information Systems, Value, Web