ABSTRACT

USE OF INFORMATION SYSTEMS ACADEMIC MEDIA AS A WAY TO SUPPORT INTERNATIONAL SCHOOL (case studies : SMAN 1 Margahayu Kab. Bandung)

By

Agrias Mahavira
10105129

SMAN 1 Margahayu is one public high school in Bandung, which has a pretty good achievement in academic and non academic. But behind it there are still some fundamental problems of lack of computerization in the academic process data such as student data, teacher data, employee data, academic data transactions.At this school institutions vying to become the international school, so too does SMAN 1 Margahayu whose objective was to become the international school. To be an international school would have some criteria that must be met. Some of them the number of students and study groups in each class, the number of qualified teachers, facilities to support teaching and learning, achievement data annually, the quality of school leadership, the data value of the average value of UAN in the last 3 years, and employee data.

From the above problems, it is necessary analysis to find the needs that are needed to build the software by analyzing needs, user and facilities. Based on the analysis, then designed a software that can handle data processing of academic-based client-server. The software is built using structured modeling methods and using the tool Borland Delphi (7.0) as the display interface design and MySQL as its database of media processing.

Based on the results of black box testing method has been error free for the functional syntax, for it can be concluded that have succeeded in making academic information system that can help data processing SMAN 1 Margahayu academic, and setting benchmarks toward international school (SBI).

Keywords: Information Systems, Academic information system, Database, international school