ABSTRACT

SMAN 16 is one institution that aims to improve intelligence and knowledge of their students. One way to embody all that needs to be a good academic information system. But in SMAN 16, academic information systems still use manual way, it is less effective because it can cause delays in the process of delivering information. Therefore conducted this research with the aim of improving academic information systems at the SMAN 16 by replacing academic information systems that still use manual way with a computerized information system academic. With a computerized information system can facilitate academic data processing related to academic into an academic information.

Development of academic information systems at the SMAN 16, using the prototype method in floating system, while for the systems approach method, the method used is the method of data-oriented systems approach. In the method of data-oriented systems approach required an assistive device, such aids are Flow Map, Context Diagram, Data Flow Diagrams and Data Dictionary. For software which is used in the development of academic information systems at the SMAN 16 is Borland Delphi 7.0 as a media creation application program, and as a media creation software databases using MYSQL.

Based on the above problems then the end result of the application of academic information system that has been computerized expected to be a solver of problems, so as to simplify and speed in recording the precise and accurate. It is seen from the need on the part of Administration to improve services in the academic process. The draft is expected to help and overcome the weaknesses of the system is running.

Keyword : Academic Sistem, Enrollment , SMP Pelita.

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