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ABSTRACT

Smk 45 lembang is one of the institutions engaged in education and academic. Junior 45 in dire need of adequate software design in managing and manjalankan all school activities. As an educational institution is large enough, the need for academic data is very important to make it easier to manage a variety of issues related to service to students, teachers and other school residents. These data include academic admissions process prospective students, the division of classes and homeroom, class schedules, processing of final grades, so it still has many shortcomings in meeting the needs of schools or agencies, in particular to deal with academic problems.

The approach used in this study is a structured approach that uses several tools and working techniques, such as flowmap, context diagrams, and Data Flow Diagrams (DFD). And development model used is the Waterfall model. Where is the Waterfall model is a sequence of activities undertaken in the development of systems ranging from the determination of the issue, this model offers a way of making software more tangible, with the implementation of academic information system that is client server by using Visual Basic programming language and database SQL 2000, it will be easier in managing the entire academic data.

With the implementation of academic information systems are expected to carry the process of making academic reports quickly, and precisely, so as to minimize the occurrence of error, for the further development of information systems is expected to make a shaped school web portal to facilitate the parents or guardians in monitoring their children's education son.

key words : Information systems, academic, schedule