ABSTRACT

ESTABLISH PROCESSING APPLICATIONS DATA FOR STUBS INTERNATIONAL SCHOOL OF SMAN 1 PANGANDARAN

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SMAN 1 Pangandaran is one public high school in Pangandaran who has a pretty good achievement in academic and non academic. At this school institutions are competing to be the pioneering international school, so too does SMAN 1 Pangandaran which has the objective to become a pioneering international school. To be a pioneering international school must have some criteria that must be met. Some of them are the number of students and study groups in each class, the number of qualified teachers, facilities support teaching and learning activities, performance data each year, school quality, the data value of the average value of UAN, and employee data. However SMAN 1 Pangandaran is still difficult to determine whether the SMAN 1 Pangandaran already meet the criteria for international school stubs.

Of the above problems, it is necessary to analysis to find the necessary requirements to build the software, by analyzing the needs, user and facilities. Based on the analysis, then designed a software that can be used to process data pioneering international school-based client-server. The software is built using structured modeling method that uses RAD Embarcadero Delphi 2010 as a display interface design and MySQL as database processing media.

Based on the results of testing using black box method for functional, it is error-free syntax. For it can be concluded that have succeeded in making the achievement of the pilot system for processing international school that can assist in the determination of SMAN 1 Pangandaran benchmarks toward international school stubs.

Keywords: Information Systems, Database, International School.