ABSTRACT

ARCHIVING SYSTEM OF ACADEMIC DATA IN SMA NEGERI 2 PURWAKARTA

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High School of Purwakarta is one of school that stands for Government Agencies under the Ministry of National Education and also one of the top school in Purwakarta. This school is faced with a changes caused by technological developments in Indonesia, so this school must adjust with the current situation with the condition. This school will take advantage of the technological developments in the academic system. The data that was just a document and have a high level of damage will be presented with computerized software application that aims to maximize the performance of school and can provide fast and useful information.

This application build with a method of development system called Waterfall and develop by object-oriented programming language. This application is presented by using Use Case Diagram for general description of system. And conceptual models of data base is presented by ERD (Entity Relationship Diagram). This application focus for the archiving data on academic system.

Testing system consisting of alpha testing and beta testing. Alpha testing use black box testing method that focuses on functional requirements and testing beta software is field testing by giving questionnaires to TU officials and teachers in High School of Purwakarta. From the test results it can be concluded that functionally can help in academic data archiving and help to gets some information quickly and efficient.

Key words : archiving, waterfall, Academic System, UML, ERD.