

ABSTRACT

Academic Application is a system which gives information services in the form of academic data. The existence of this critical application. In this case, the preparation of applications centered on high school with the aim to facilitate the processing of students' academic data such as data, homeroom, classes, parents, grades, and attendance.

The approach used in the preparation is a structured approach that uses several tools and construction techniques, such as flow map, context diagrams, and Data Flow Diagrams (DFD). And the development model used is the Waterfall model. Where the Waterfall model is a sequence of activities undertaken in the development of systems ranging from the determination of the issues, needs analysis, design implementation, integration, system testing, implementation and maintenance. This model offers a way of making the software more real.

With the implementation of academic application design in high school by using a web-based programming languages PHP, and HTML and MySQL database, expected to ease in managing the entire academic data, without having to avoid errors in managing data and the speed of delivery of education because the report can be accessed from anywhere and anytime. So that the school or institution can achieve the goals that have been set to the maximum.

Keywords: Design, Application, Academic