

DESIGN AND BUILD A WEB-BASED SCHOOL ACADEMIC SYSTEM USING PHP 5

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ABSTRACT

SDS Rimba Pelita has difficulty in managing student data both in assessment, attendance, recording, and storage because everything is still done conventionally, causing data processing to be late and also making it difficult for teachers to find student data, assessment, attendance and print report cards. In collecting data, the authors also need time and energy to process data that is still in the form of paper. The purpose of this research is to create a system where the system can provide convenience in managing grades and attendance at SDS Rimba Pelita by using web programming to speed up the process. The data collection method used observation and interview methods, for the system model using Data Flow Diagrams, Entity Relationship Diagrams and context diagrams. The software used is MySql as a database server, Apache as a web server, Sublime Text 3 for writing PHP and HTML programming languages, and Bootstrap as a framework. The result of this program is a system that makes it easier for teachers in the process of managing student data both in assessment, attendance, recording. There is a data search process that serves to make it easier to search data. The current management has been stored in the database and stored in the form of digital files, making it easier for reporting and checking.

Keywords: *Grades, absenteeism, students, teachers, report cards.*