

Abstrac

This final project aims to create a web application for Slamet Riyadi Elementary School's report card in providing information in the form of daily and final semester scores to student guardians online. Based on the research, literature, and interviews that have been carried out, then a web-based report card information application is designed at Slamet Riyadi Elementary School. using the Development Life Cycle (SDLC) method of the waterfall model is a solution to solving existing problems. The web-based student report card application makes it easy for teachers to convey daily scores and semester scores to students online. The system design is carried out in a modeling language using DFD. While the programming used is PHP using the MySQL database. The author tests using the user acceptance test and black box methods. In the user acceptance test method, the author gets a 100% assessment of the appearance of the application, the menus in the application are easy to understand, the application useful for teachers, applications are useful for schools, and applications are in accordance with what teachers expect from 7 respondents. In the black box method the authors get successful results in testing login functionality, change password functionality, daily value input functionality, semester value input functionality, and functionality upload files.

Keyword: SD Slamet Riyadi, waterfall, DFD, PHP, useracceptance test, black box