Abstract

The author makes a final project related to the report card value information system at SD Ignatius Slamet Riyadi. Based on the research, literature, and interviews that have been carried out, then a web-based report card information system for SD Ignatius Slamet Riyadi using the Sistem Development Life Cycle (SDLC) method is designed to model waterfall be a solution to solving existing problems. The web-based report card information system makes it easy for parents to find out their children's daily and semester grades online and parents can communicate with the homeroom teacher through the feature live chat. The system design is carried out with a modeling language using DFD. While the programming used is PHP using the MySQL database. The author tested using the method user acceptance test and the black box. In the method user acceptance test, the author gets 92.75% results on the appearance of the application, the menus in the application are easy to understand, the application is useful for parents, and the application is what parents expect. In the method black box the author gets successful results in testing login functionality, change password functionality, functionality chat admin, homeroom teachers, and classmates.

Keywords: SD Ignatius Slamet Riyadi, Chat, Black Box, MySQL, DFD, SDLC