

ABSTRACT

Web-Based Applications and SMS Broadcast for library management at SMA Sula 2 Kalinyamatan is an application that is used assist the library to management and transaction on SMA Sula 2 Kalinyamatan. This application is used by officers to make it easier to do the recording of borrowing and returning books in monitoring and borrowed books available. This application made by using Prototype Model. Web based applications connected with sms broadcast. Website Application built using PHP programming language and MySQL database. SMS Broadcast built using Gammu. Functionality in SMS Broadcast is used for the borrower in order to get information quickly and accurately, such as information returns overdue books. Functionality on the web, the borrower can find information online catalog as well as the location of the books on the library shelves. Web-Based Applications and SMS Broadcast for Library at School 2 Kalinyamatan use testing with blackbox testing method. This test method focuses on functionality in the form of the website.

Keywords: Library, PHP, MySQL, SMS Broadcast