

SD NEGERI 33 RUPAT LIBRARY APPLICATION WITH TELEGRAM BOT NOTIFICATIONS BASED ON WEBSITE

Student Name : Reni Iryanti
ID : 6103211469
Supervisor : Supria, M.Kom

ABSTRACT

The library of SD Negeri 33 Rupert requires a library application that can facilitate librarians in managing book data, member data, borrowing, and returning books, as well as having a notification feature through Telegram to provide information about the status of book borrowing to members. This study aims to design a library application at SD Negeri 33 Rupert with the innovation of Telegram Bot notification based on a website. This application is designed to facilitate the management of book data, member data, borrowing, and returning books, as well as equipped with a notification feature through Telegram to facilitate librarians in providing information to members about the status of book borrowing. In data collection, interviews and observations were conducted. This application is designed using PHP and the Laravel framework, as well as a MySQL database. The test results show that this application functions well on various devices and browsers, which in turn accelerates the library's operational process and improves the user experience.

Keywords: *Library, Notification, Website, Telegram, Laravel Framework, MySQL.*