

ABSTRACT

The correspondence services in Desa Sukapura are now using a desktop-based application. This application has the functionality to make letters only, so there are still many shortcomings in it. Therefore, a web-based application for correspondence services using SMS gateway is built that has some functionalities, such as recording the data of requested letters and archiving its requirements, printing the receipt as a proof if the request for a letter has been made, filing the letter that has been printed and signed by the head of the village, making a report for the letter that has been made, seeing the progress of letter that is being made, providing a reminder to the requester if the letter has been made, assessing the performance in the process of making a letter, and scheduled the incoming letters or mails. The method used is SDLC with the Waterfall model using the PHP programming language and Javascript. The framework used is Codeigniter with MySQL database and the testing uses the Black Box Testing and User Acceptance Testing (UAT). It is expected that the correspondence services in Desa Sukapura can run efficiently and effectively.

Keywords: Application, Letter, Waterfall, Sms Gateway, PHP