ABSTRACT

Dayeuhkolot Village is a government-owned institution that is a legal community unity that has the boundaries of the territory authorized to organize and manage the interests of the local community. The service in Dayeuhkolot Village in the case of a permit for community activity that will organize an event or event must first make submission to the village to know and be able to approve the activity. Application of Activity Submission at Dayeuhkolot Village Based on SMS Gateway is an application that facilitates the application of community activity permit in Dayeuhkolot Village by utilizing SMS Gateway feature in the delivery of information, so that people do not need to come to the village office if they want to apply for the activity license and officers are easy to provide information to the community efficiently. In addition to using SMS Gateway. This application uses Waterfall method with the steps of requirement, software design, implementation and unit testing, system integration and testing, and operation and maintenance. The tools used are BPMN tools to explain the current business processes and business proposals. The programming language used is PHP with the Codeignitor Framework and uses the Oracle MySQL database.

Keywords: Application, Waterfall, PHP, MySQL, Codeigniter, SMS Gateway