ABSTRACT

The Class II Bandung Port Health Office (KKP Bandung) is the implementing element under and is responsible to the Directorate General of Disease Prevention and Control of the Indonesian Ministry of Health. One of the routine activities carried out is the meningitis vaccination process. Every day, the KKP Bandung arrives with hundreds of people who want to vaccinate. Every month, KKP Bandung can have 4000-6000 vaccine-uses per month. Because vaccines are goods that have a sale value and the number of daily uses is not small, then the recording of uses must be done as much as possible and as accurately as possible. However, in the current process, sometimes there is a discrepancy between the incoming and outgoing stock between Upaya Kesehatan dan Lintas Wilayah (UKLW) unit as the executor of vaccination and Badan Milik Negara (BMN) unit as the one who manage the vaccine entrance to the warehouse also have responsibility to make the recapitulation of it to be reported to the government.

Application for managing vaccine stock or named VACTION is a web-based proposal application designed to assist in the management of vaccine regulation in the KKP Bandung, starting from the vaccine dropping process by suppliers company, recording daily uses, and daily, monthly or even annual recapitulation. This application is designed with prototype development methodology by Roger S. Pressman and built using CodeIgniter as a PHP programming language and MySQL as data processing software. Application are tested by the blackbox method and equipped with a test of User Acceptance Test (UAT) and from the results of these tests, the application is considered to facilitate UKLW in recording daily usage and can help BMN manages final recapitulation effectively.

Keywords: KKP Bandung, Vaccine, Web.