

Design of Information Systems Web-Based Reporting of Measles Surveillance With FAST method in Jember District Health Office 2016, Winda Wardani Amalia, Nim G41120505, In 2016, Medical Record, State Politechnic of Jember, dr. Rinda Nurul K.,M.Kes (Supervisor 1), dr. Novita Nuraini, M.A.R.S (Supervisor 2)

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ABSTRACT

Measles is an acute highly contagious disease caused by a virus. Jember measles in the top 10 diseases and is ranked 8. Jember 2014 were 112 cases and 109 cases in 2015. Measles Surveillance Reporting System in Jember less effective and efficient. To continue efforts to combat and reduce the incidence of measles in need of disease surveillance systems. Importance is to design in order to reduce the problems that occur, can be overcome with the use of information technology in the form of web-based information systems. The research objective is to design information systems reporting measles surveillance an effective and efficient based website in Jember District Health Office. Qualitative research with data collection observation, interviews, Focus Group Discussions and documentation. The design is done by using FAST. The research result reporting system of surveillance of measles in Health Office of Jember is a problem that occurs reporting systems still using semi manual. Ie reporting requirement in cases of identity, date of the incident, and immunization status. The solution in the can that is designing information systems reporting measles surveillance based websites. The design uses a flowchart, DFD and ERD. Construction of the system using Dreamweaver applications and programming languages using PHP and MySQL. Kontuksi and testing of the system with black-box testing techniques. Advice for Jember District Health Department officials to develop a web-based system that captures information quickly so that it can respond to events with appropriate measles especially problems that occur in the field.

Keywords : *Information Systems, Measles Surveillance, FAST Method*