

ABSTRACT

The development of information and communication technology lately has grown rapidly in all fields, one of which is the information system in the form of a website that is widely used in the Industrial, Entertainment and Health sectors. However, in the health sector, users of this information technology are still rarely applied. In the case study at the UPT Cibatu Public Health Center, the system design is still conventional, because the administrative system and organized health care services are still carried out manually. This is less effective and efficient which causes the workload to increase and increase, the process of finding patient data information is quite long and the risk of losing important data will often occur. Meanwhile, patients have to go to the puskesmas to find out information about their health that is being experienced or currently undergoing treatment.

Information technology has now become a necessity for the community, including in the health sector. In public health centers (Puskesmas) information technology can be used to manage medical record data and administration, such as the creation of a web-based service information system. However, most of the management of puskesmas medical record units in Indonesia is still done manually. The problem in this topic is how to make this puskesmas service information system able to assist in services at the UPT Cibatu health center, where in making this information system the author conducts interviews with what health centers are needed to support the formation of the expected information system. After conducting interviews, the authors design and analyze the system that has been carried out to urge that during the process of developing the information system it has truly met what was expected. After completing the processing, the next step is the process of testing the system by the author with the employees of the UPT Cibatu Public Health Center, after the late testing process is completed then proceed to the survey process and the implementation of the information system of the puskesmas service at UPT Puskesmas Cibatu. This can be realized properly according to what is expected. It is hoped that with the application of the web on the web application at this puskesmas service, it can be a solution to the existing problems, making those working in the registration and administration of puskesmas patients more effective and efficient and making it easier for patients to use the services provided by this puskesmas.

From testing applications that have been designed and developed, in general all functions have worked as expected. From the survey that has been published to all employees of the Cibatu Health Center UPT, it is found that the satisfaction value of the designed application with 38 respondents. It can be concluded that from 5 respondents, 12,4% of respondents strongly disagree, 11,1% of respondents disagree, 11,8% of respondents are hesitant, 43% of respondents agree and 21,7% of respondents strongly agree.

Keywords: *Puskesmas, Health Services, Web, Information systems.*