

ABSTRACT

The development of information and communication technology lately has grown rapidly in all fields, one of which is in information systems in the form of Websites and Mobile Applications which are widely used in the Industrial, Entertainment and Health sectors. In the case study at the Rohaeni Budiman Clinic, S.ST, the system is still classified as conventional, where the administrative system and clinical services still use manual methods (handwriting). This is less effective and efficient which causes the workload to increase, the process of finding information is quite long and the risk of losing important data will often occur. In addition, in this conventional method, patients must visit the midwife directly to the clinic if they want to know information on the development of pregnancy and their children under five.

So the E-TOCOLOGIST application was designed which can be a solution to these problems. E-TOCOLOGIST is divided into 2 parts, namely website and mobile application. On the website, the main access rights are Owner and Admin. All services provided by the clinic can be accessed by the Owner and the Admin can only manage the administration, drug storage and user account data. The mobile application section has access rights for midwives and patients. Midwives get access to monitor patient health, input patient data, monitor patient appointments and reply to chat consultations from patients. Meanwhile, patients can carry out health monitoring, clinical services, chat midwives for consultation and Find Us are used as a means of finding the location of the clinic from where the user is.

The information system quickly and accurately through the midwifery information system makes it easier to monitor health information and administration, a breakthrough for midwifery agencies. The system created can make it easier for patients and midwives to record and convey health information. The average delay in testing displaying content based on ongoing features is 1.922 seconds. With jitter results with good categories.

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