Making a Community Health Center Information System with Quick Response Code Technology Web Based at Tamanan Community Health Center (Puskesmas). Safira Nur Fauziyah. NIM G41171682. *Health Information Management. Health. State Polytechnic of Jember.* Sustin Farlinda,S. Kom, MT

Safira Nur Fauziyah
Study Program of Health Information Management
Health Departement

ABSTRACT

Community health center (Puskesmas) is a health service facility that organizes UKP and UKM at the first level by prioritizing promotive and preventive activities. The patient registration process at Tamanan community health center is still carried out manually. A community health center information system with QR code technology is required by Tamanan community health center to prevent duplication of medical record numbers and facilitate the patient identification process. The output of the system includes KIB with QR code, reports of 15 major diseases and reports of patient visits. QR code can be used during the registration process to make it easier to find patient medical records. The purpose of this study was to create a community health center information system with quick response code technology web based at Tamanan community health center. Data collection techniques are using interviews, observation, documentation, and brainstorming. The method used in this research is the prototype method. System testing is done by using black box test. The results of the study are a community health center information system with quick response code technology web based at community health center Tamanan which is expected to be able to assist and simplify the patient registration and reporting process, especially preventing duplication of medical record numbers so that the performance of officers becomes more optimal.

Keyword: *prototype, community health center (puskesmas), quick response code, information system*