

ABSTRACT

WEB-BASED INFORMATION SYSTEM USING FINGERPRINT TECHNOLOGY FOR MEDICAL RECORD

**(A Case Study at Kampung Sawah Community Health Center, Bandar
Lampung)**

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The information system at Kampung Sawah Community Health Center has several features e.g., patient registration, patient medical records, patient services, queues, and medical reports. The objective of this research was facilitating the performance of the administrators and the doctors of Kampung Sawah Community Health Center in terms of searching the patient data, storing the patient data, adding and storing the medical records, making the reports, and speeding up the data entry and identity data of the patients through fingerprint feature. This system facilitated the officials and doctors to process anywhere and the patient data was safe from physical disturbances because this system was connected to the internet.

This medical record information system was built through PHP programming language supported by MySQL database. The design of this system involved the data flow diagrams. The result of this system was that the web-based information system for medical record had successfully been created and used by Kampung Sawah Community Health Center.

Keywords: Information Systems, Medical Record, Web, Fingerprint