

## ABSTRACT

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*Puskesmas is a strategic unit in supporting the realization of changes in public health towards increasing optimal health degrees. To achieve optimal health status, it is certainly necessary to provide basic health services that are able to meet the needs of the community as consumers of these basic services. The development of technology is currently very fast and plays an important role in human life. The lack of computerized handling still occurs in government agencies and community services such as health centers. The system that has been running at the Sumbul Health Center is faced with several problems including queuing, registration and data storage of patient medical records, stacking of documents, recording of medical records which are still done manually, so that several consequences were found such as redundancies in recording medical records of patients at the Axis Public Health Center, in addition to it can also hinder the archiving and management of patient data in the Axis Public Health Center. The performance in the patient service system that runs at the puskesmas is generally not optimal because it is still processing patient data and medical record data still using bookkeeping or manual media. From the problems that exist in the Axis Public Health Center, a medical record information system is made that can facilitate the recording and storage of patient medical records, document stacking, and record redundancy effectively and efficiently. To deal with the problems that exist in the puskesmas, a web-based Axis Puskesmas application is built. In addition, it can provide convenience to the administration of the Axis Public Health Center in carrying out the patient administration process.*

**Keywords:** *Information Systems, Applications, Computerization, Puskesmas.*