

ABSTRACT

Design Of A Web-Based Clinic Information System (Case Study: Bhakti Sehat Persada Clinic)

Adiva Alifia Hayya.¹⁾ Johannes Hamonangan Siregar.,drs , Ed, PhD. ²⁾

¹⁾ *Student of the Information Systems Study Program, Pembangunan Jaya University*

²⁾ *Lecturer in the Information Systems Study Program, Pembangunan Jaya University*

Clinics as the main sector in health services are an important pillar in meeting the health needs of the community. Bhakti Sehat Persada Clinic, as the subject of the study, faces the complexity of services involving the registration process, medical services, and pharmacy, with a significant number of patients. Along with this growth, the main obstacle lies in the management of data that is still physical, including patient data, medical records, and drug records. In addition, there is no backup data, so data such as patient data, medical records, and medicine data are vulnerable to loss or damage. Therefore, the complexity of clinic services that include the registration process, medical services, to pharmacies, demands the adoption of information technology as a solution to overcome the increasing needs of the community for clinics as a place for health care. This research aims to simplify administrative management related to patient data collection, storage, and data search through the development of a web-based Clinic Information System. The development method used is the waterfall method. The implementation of this system aims to improve the operational process of Bhakti Sehat Persada Clinic, reduce the potential for administrative errors, and provide optimal support in managing patient health data. The result of this research is the implementation of a clinic information system capable of managing patient data, medical records, and medicine information, as well as providing report printing capabilities.

Keyword: Clinic, Information System, Patient, Medical Record, Medicine