

Implementation of a Patient Management and Registration System in Mobile-Based Clinical Health Services

FIRMAN FERDIANSYAH

*Informatics Study Program, Faculty of Science & Technology
University of Technology Yogyakarta
Jl. Ringroad Utara, Jombor, Sleman
Yogyakarta
E-mail:
Ferdiansyahfirman96@gmail.com*

ABSTRACT

In this current era, almost everyone demands public services to be more effective and efficient when talking about services. The outpatient services available at the Adera Pratama Clinic are dental clinic and general clinic. At the Adera Pratama Clinic, the process of managing and registering patients at the dental clinic still faces various obstacles. Some problems that often arise are a complicated registration process and difficulty in accessing patient data quickly, and a lack of effective communication between patients and medical staff. This research focuses on developing a registration and patient data management system at the Adera Pratama Clinic, with the aim of increasing the efficiency and effectiveness of services. Using the FIFO (First In, First Out) method, this system aims to reduce patient waiting time and make information easier to access. The results showed an increase in registration speed and better communication between patients and medical staff. This system also supports integrated medical records, differentiates access rights between admins and doctors, and ensures faster service. The conclusion of this research is the effectiveness of mobile-based systems in improving the registration process and managing patient data in clinics.

Keywords: *Registration, Management, Clinic, Health, Mobile*