

ABSTRACT

In the era of information technology, the use of electronic medical records (EMR) has become increasingly common and essential in modern healthcare services. Klinik Azimat Telagasari, despite providing good medical care, still relies on conventional paper-based documentation. This method is time-consuming, requires significant storage space, and is prone to data loss or damage. For efficiency reasons, the clinic plans to transition to an electronic medical record system.

The proposed solution is a web-based application developed using the Laravel framework to facilitate medical record documentation, patient data management, and digital drug inventory tracking. This application aims to replace manual documentation to improve administrative efficiency and data accuracy.

The system development method used is an object-oriented approach with the iterative model. In addition to its core function for recording medical histories, the application includes a medicine management module that allows tracking of stock levels, expiration dates, and medication distribution history.

The purpose of this application is to enhance clinical service efficiency, streamline the recording process for medical and pharmaceutical data, and minimize the risk of data loss, damage, and administrative errors.

Keywords: Electronic Medical Records, Patient , Medicine, Data Management, Clinic