

ABSTRACT

The Aliyah Medika Primary Clinic is a clinic that was established in 2017 and is located on Sukabirus Street, Citereup Village, Dayeuhkolot District, Bandung Regency. Aliyah Medika Primary Clinic offers comprehensive facilities, one of which is outpatient care. However, they face challenges in their record-keeping processes, such as patient registration, examinations, medical record documentation, prescription recording, and payment, as these are still done manually on paper. This approach leads to various difficulties, such as data loss, time-consuming patient data retrieval, and inaccurate reporting. To address these issues, a solution is proposed: the development of an application to streamline the existing business processes. The application's functionalities include patient registration for outpatient care, recording of medical records and prescriptions, calculation of treatment costs, and generating reports such as general journals, ledgers, and income reports. The application is constructed using the PHP programming language and the CodeIgniter framework. The development process follows the System Development Life Cycle (SDLC) with the waterfall methodology, and the application is tested using black-box testing techniques.

Keywords: clinic, outpatient, application