

ABSTRACT

The Application Outpatient of Mulia Sehat Clinic is an application that takes the case studies at the Clinic in Pematang Siantar City. This application was made because Mulia Sehat's Clinic still records manually for the outpatient data. starting from the input the registration patient, views the doctor's schedule, print-out the medical cards, input the examinations, and created referral letters to another hospital or clinic. Then, The application is needed to become computerized.

The final project is built with waterfall's method and using the programming language with the PHP framework and the database is MySQL. The Purpose to build applications of Mulia Sehat's Clinic, to make userfriendly for Administration, Nurse, and Doctor to input registration patient. In addition, it can reduce costs for recording manually and speed up performance for computerized data collection and patient data retrieval and always the latest data.

The method is waterfall have stages starting from, requirements definition, system and software design, implementation and unit testing, integration and system testing, and operation and maintenance.

After building the application for Mulia Sehat Clinic in Pematang Siantar City, First, we have still manual, now it has been done computerized and can be linked between data that functions when creating the reports on the patient's medical record and make it easier for users to search for needed.

Keywords: Mulia Sehat Clinic, Outpatient Application, Web Based Application, Codeigniter