ABSTRACT

Pratama Achlan Medika Clinic is a company engaged in the health sector. Data management systems, drug management and medical record recording are still using manually. Therefore, a web-based application is proposed that will make it easier for the Achlan Medika Pratama Clinic, because the proposed application has many features to assist Achlan Medika Pratama Clinic employees in collecting patient data. There are also features that can help patients on the queue list to perform checks and fill out online registration forms, as well as other supporting features that can support the smooth and easy data collection of patients so that the user experience in using the proposed application will feel helped. This application is made using the waterfall method, the steps of the processing method are analysis by conducting interviews and questionnaires. The design stage is to design a system using ERD such as use cases and use case scenarios using yED software tools and StarUML software. The next stage is the implementation, namely the proposed application will be made using the PHP programming language with the CodeIgniter framework and using the MySQL database. The system testing stage, which is carried out on the aspect of functionality to users (Achlan Medika Pratama Clinic Employees and patients).

Keywords: patient data collection