ABSTRACT

The library is a supporting unit for the implementation of learning activities in the field of education. The UKMC Palembang Library provides facilities used by the UKMC community. Facilities that provide such as print, scan and vinyl by carrying out the process of recording payment data manually. This takes a lot of time because it has to pass three times the process of checking the data written on the payment form, so that making payment reports cannot be obtained quickly. Based on these problems, the utilization of information technology is needed by developing data processing applications for the use of circulation services in the UKMC library, the framework uses the development of the waterfall model, the Visual Basic programming language and MySQL as the database. With the existence of a new system the process of recording payments for the use of library facilities can be done effectively and efficiently and payment reports can be obtained quickly without spending a lot of time on the process of reviewing data suitability. Data management applications using library facilities make it easier for library officers to process payment data, so that the Head of Library can get payment reports on facility use quickly without having to check data conformity and all payment data for facility use can be stored in the database.

Keywords: *Waterfall Model, Visual Basic, MySQL, Payment Reports*