ABSTRACT

Almalia Daycare and Preschool is an educational institution that was established on June 29, 2013 which is located at Permata Buah Batu Housing Block A1, Bojongsoang sub-district, Bandung, West Java Regency. At present the computerized financial and administrative information system is considered capable of facilitating human activities and is highly needed in various fields, one of which is in the field of education which manages a lot of school administration and financial data every day. Based on the results of interviews and observations conducted at Almalia Daycare and Preschool, stated that financial transaction data that is not in accordance with accounting standards, because the recording is still using the cash basis method and is still not fully computerized poses a negative risk to the management of bills and payments for schools. The purpose of this study is to design a web-based accounting information system using the design of the Unified Modeling Language (UML) and Entity Relational Diagram (ERD) and with the method of developing the Software Development Life Cycle (SDLC) Waterfall system until the testing phase. The implementation uses PHP programming language with codeigniter framework and uses database management system Database Management System (DBMS) MySQL and uses Black Box Testing (BBT) testing method. The results of this research and implementation are in the form of a web-based application which is expected to be able to help all administrative and financial activities of the school, starting from registering prospective students, increasing student classes, making prospective student registration bills, making student bills, making other student bills, making daycare bills, student receivables card, list of student receivables, general journal records, ledgers, until the formation of a balance sheet. In addition this application is also able to manage student bill costs.

Keywords: Web-Based Applications, Student Bills, Codeigniter