

ABSTRACT

Ma'had Abu Aziz Foundation is a foundation that houses the Abu Aziz Elementary School, which is located at Jalan Jamaras IV number 11B, Bandung. This foundation manages the recording of the income of funds and the recording of the expenditure of funds. The Ma'had Abu Aziz Foundation experienced difficulties when recording the income and expenditure of funds which was still done manually due to the absence of a computerized administrative information system. Based on these problems, a web-based application was built that could manage the income and expenditure of funds, produce general journals, ledgers, and financial reports in the form of reports on income and expenditure of funds. Web-based applications are built with object-oriented methods, software development using the Software Development Life Cycle Waterfall (SDLC) method, programming using Hypertext Preprocessor (PHP) with the Codeigniter framework, managing databases using MySQL, and testing using black-box testing. The application succeeded in helping make it easier for the Ma'had Abu Aziz Foundation to record revenue and disbursements of funds from all sources.

Keywords: Web-based applications, Finance, Income and Expenditure Funds, Codeigniter, and PHP