

ABSTRACT

Smart School Muthahhari is a private school located in the city of Bandung, West Java. Smart School Muthahhari has three fixed asset categories namely art assets, library assets and class assets. Each asset is managed and recorded based on the category and source of funds owned by the school. Asset management in school still using manual methods that can made errors in the amount and value of assets held. To overcome these problems an web-based applications for the management and depreciation of school learning facility assets. This web-based application was built using the prototype method, using the PHP programming language and codeigniter framework with a MySQL database. The functionality in this application is to record asset acquisition, asset data collection, valuation, assets, asset categorization, asset improvement, asset write-off, and asset transfer. Which produces transaction records in the form of general journals and ledgers. Every functionality has been tested based on manual calculations and implemented in the application with the black box testing method.

Keywords: Asset, Codeigniter, PHP