

ABSTRACT

Foundation Al-Kautsar is a non profit institutions engaged in educational, religious and business located in Jl Indah Raya Riung Bandung Subdistrict Rancasari Derwati of Bandung city. In carrying out its activities at the Foundation requires fixed assets which are not the least, in every field there are fixed assets as such its activities in supporting chairs, desks, chalkboards, electric fan and other assets. The fixed assets which do not have special note regarding depreciation, the purchase and repair of fixed assets. Calculation of depreciation is carried out by means of economical age estimates from each of the existing assets. Based on the problem already described, built a web application that can calculate the depreciation of assets and the purchase and repair of the assets. Applications developed with waterfall development with Software Development Life Cycle (SDLC) as well as programming language using PHP with Codeigniter framework and a MySQL database and is designed with object-oriented method. This application is capable of handling any assets depreciation calculation by using two methods, namely the method of straight line and double declining balance method, record keeping and calculation of purchase of assets and improvement as well as depreciation and activity report purchases to meet the needs of information on fixed assets that exist in the Foundation Al-Kautsar.

Keyword: Fixed assets, Depreciation, Applications, Straight Line Method, Double Declining Balance Method