ABSTRACT

As a manufacturing company doing production should calculate all the production costs. Before production, the company will plan the production such as production budget. The company just make a budget for the cost of the raw material but doesn't plan the budgeting for the whole process of the production of shoes. Production costs for direct labor and factory overhead only use the estimates without looking at the details of the activity during the production process, so the company can't evaluate the absorption of production budgets. To solve this problem built a web application that can manage the planning and evaluate the production budget using activity based budgeting method. This web-based application built with the object-oriented method and development model with SDLC, use the programming language PHP and CodeIgniter framework. This application has the functionality to make production budget such as budgetary costs of raw materials, the cost of direct labor, and factory overhead costs based on the activity and also make transactions in accounting journals and ledgers and make realization budget reports and make comparison report between budget and realization and evaluating. The functionality of application has run 100% after tested with black box testing and comparison of manual calculation successfully implemented same with the outcome of the application and user acceptance tests have been performed. After implement, the application is able to make production planning based on activity and can evaluate the performance of the company through comparison between budget and realization.

Key Words: Planning, Production Budget, Evaluation, Framework CodeIgniter