

ABSTRACT

Bober Cafe is one of retail company that provides some foods and drinks. Bober Cafe has two activities, that is sales activities and reservation activities. Sales activities is done by selling some foods and drinks. Reservation activities is done by receiving orders from customers. In the sales and reservation activities which became the main point is the procurement of food to be purchased. Based on two activities, the company generates financial record such as sales reports and reservation reports. Financial records can be use as a tool of consideration to estimate material requirements. It's estimation is use as a reference for material procurement in the next month. However, the estimates that is made based on management decision, thus it causes less amount of material for sales activities and reservation activities. Based on those matters, in this research suggest to make an application for estimation procurement material need using linear regression method. This applications has a functionality for manage sales, manage reservation, manage procurement, manage estimation material need using using linear regression method, manage journal, manage sales reports, manage reservation reports and manage estimated reports. The applications is built by using System Development Life Cycle method, PHP and framework CI programming language and database management using MySQL. Based on blackbox testing, application testing and manual testing, this application is declared to be in accordance with the test based on accounting and functionality. Based on the implementation is done by the company, this application is able to do estimation procurement that will be used for the procurement of material needs for the next month.

Keywords: Material Procurement, Linier Regression Method