ABSTRACT

CV Koloni Semut is a company engaged in three areas: management artistry, Wedding Organization, and case studies are taken convection. The company requires good planning in data processing. That is because the company has experienced a loss because the cost is greater than revenue. The losses will be minimized if the proper planning, one of the advantages is planning to use the method breakeven multiple products.

This application is a web-based applications using Hypertext Preprocessor (PHP) for programming language, which aims to make financial records, transaction records and calculating breakeven multiple products that assist companies in determining profit based on variable costs and fixed costs of a product.

There are several funsionalitas to achieve these objectives which one master data management, governance breakeven and classification costs, corporate expenses, corporate reporting, log management, and manage reservations. Process of applications is using waterfall method.

This application has been successfully tested using black box testing. Calculation of break-even point at the end of the month to get a recommendation next month based on the realization of variable costs and fixed costs. Therefore, this application is needed because planning a boon for owners in determining the price and be able to determine the profits based on Contribution Margin Ratio (CMR), perform accounting records and recommend breakeven sales and breakeven number of units of a product based on the realization.

Keywords: CV Koloni Semut, Application, Waterfall, black box testing, breakeven point.