

ABSTRACT

The calculation of spare part sales and service service at a service and trading company is important in running business process at Motor Bike Source. This becomes very important because of the calculations that can be known revenue and sparepart inventory on the company. This workshop keeps track of sales transactions and expenses incurred in the diary and collects a purchase note received from the supplier. In knowing the amount of inventory is done by reducing the amount of goods that have been purchased previously with the amount of goods that have been sold, and calculate the total sales sparepat, service services, and expenses to know the income. Sparepart inventory calculation used by this application using the average method. System design using object-oriented programming techniques in the form of Unified Modeling Language (UML), which has diagrams such as Use Case Diagrams, Class Diagrams, Activity Diagrams, and Sequence Diagrams. This application uses Hypertext preprocrrsor programming (PHP) and MySQL database. Application development method used is prototype method. The modeling used is Unified Modeling Language (UML). This test is done by using black box testing method. This application aims to assist in generating journals, ledgers, income and inventory reports using average method.

Keywords: Average, Unified Modeling Language, black box testing.