ABSTRACT

PT. AHASS 2198 World Motor World Motor is engaged in for Service Motor and PT. AHASS 2198 World Motor World Motor does not yet have an application that can help recording supplies spare parts that can cause frequent occurrence of errors in the recording of inventory and purchase process. Problems faced by these companies is still manual that is doing the recording of inventory management, are still done manually by checking the goods in the warehouse and data by using a ledger, so the file records are stored too much and have to look one by one when they wanted to be calculation. Head of the workshop was also unable to determine the number of spare parts inventory in the warehouse when it is not in the garage, with applications that can help the process of purchasing and process spare parts inventory PT. AHASS 2198 World Motor World Motor is able to do the buying process and the process of checking the inventory of spare parts with ease. This final project using the software development method that models waterefall and use the programming language PHP and uses a MySQL database and for manufacturing system design using Data Flow Diagrams (DFD) and to perform database design using Entity Relationship Diagram (ERD) on this application, every company has always had a relationship with the purchasing process and the process of inventory of spare parts.

Keywords: Web-based applications, spare parts inventory, FIFO method, the purchase.