ABSTRACT

DWT 60 BROS is a manufacturing company that produce pants and jacket. The production process starts from the number of products ordered in order to ensure the raw materials ordered in accordance with the capacity reservations. Before ordering raw materials do, the control of raw materials must be taken to suppress a certain charges such as the cost of storage and reservations. In this application is made to control the raw material can be accomplished by using the Fix Order Quantity (FOQ) and Fix Period Requirement (FPR). FOQ method is a method of inventory control pay attention to the number of reservations but different order period. While this method of FPR is the inventory control method that takes into account the ordering period is fixed, but the number of ordering is not fixed. This web-based application created with functionality FOQ counting, counting FPR, as well as presenting the accounting report the form of journals and ledgers. This application is built using structured object-oriented models that consists of the Unified Modeling Language (UML) and Entity Relationship Diagram (ERD). This application is web based with CI PHP programming language and MySQL database. Testing was conducted by Blackbox Testing the application's functionality.