

## ABSTRACT

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*Pharmacy Abadi Farma is a trading company that does not yet have a well integrated system between purchasing, sales, and merchandise inventory. The recording process is manual so the resulting data is less accurate. Meanwhile, weaknesses in reporting purchases, sales, and inventory are still lacking. With the existence of a computerized application will enable users to know accurate information related to the process of purchasing, selling, and merchandise inventory. The method of recording used is perpetual system and final inventory valuation method with FIFO method. For software development in this study using a structured model consisting of Use Case diagram and Entity Relationship Diagram (ER-Diagram). Programming languages using Codeigniter and MySQL databases. The positive impact of making this application that will be stored automatically ie minimize any errors in the transaction. This application can record data ranging from goods data, vendor data, and can record purchases, sales, purchase returns, sales returns, which can later be presented in the form of reports such as journals, ledger, stock cards, purchase reports, sales reports , And profit and loss.*

*Keywords: purchase, sales, inventory, FIFO Perpetual, Codeigniter, MySQL.*