

## ABSTRACT

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*Bandoeng Optical is one of the private companies that sell glasses, lenses and frames. At present, recording transactions is still using a manual system that is recorded in the daily transaction book and memorandum. Buying goods through vendors is noted on the book prepared frames and lenses. Calculation of transaction activities that occur are still using a calculator (calculator). Sales of goods made by Bandoeng Optical offer a down payment system (DP) and payment is made when the goods are received by the customer. The recording of purchases, preparations, and sales at Bandoeng Optik which is relatively more in numbers cannot be controlled by the amount of entry and exit. The data in the bookkeeping has not been recorded properly so complicate is needed.*

*The application in this final project is made using the PHP Framework programming language and MySQL Database. Database Design in this application uses Entity Relationship Diagrams (ERD). This application was built to help the process of buying transactions, selling goods to consumers and regulating the amount of procurement at Bandoeng Optik. Reports on the purchase of goods using the perpetual method in order to calculate the real cost. This application is provided to make it easier to manage, record purchases and sales transactions at Bandoeng Optik.*

*Keywords: Purchasing, Inventory, Sales, Perpetual, Down Payment (DP).*