

## ABSTRACT

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*Activity recording of purchases and sales is an important activity on TB. Wargi Putra for income reporting process to the owner. Demands timely information is needed by the company. Therefore, to overcome the problems of the company needed a system that is easy to use. Applications gross profit calculation offers ease in recording inventory, purchasing, sales and gross profit report creation with a predetermined period of time, such as gross profit and inventory card per period. Collecting data using observation, interviews, and literature. Working methods using the Waterfall model with Flowmap, Data Flow Diagram (DFD), Entity Relationship Diagram (ERD), Visual Basic.NET and MySQL as a means of computer coding. This research resulted in the application for gross profit calculation to facilitate the process of managing inventory, purchasing, sales to generate gross profit.*

*Keywords : Sales, Purchase, Inventory, Gross Profit.*