

## ABSTRACT

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*Tessa Collection is a manufacturing company engaged in textiles. The company is experiencing difficulties in recording purchase transactions and recording raw material inventory. Errors in recording raw material purchases will affect the stock of warehouse inventory and will cause harm to the company. Based on these problems the application was built with the aim to record purchase transactions with raw materials inventory, to find out the end of stock inventory in the warehouse, and making financial reports in the form of journals, ledgers, purchasing reports, and stock card inventory. This application design is made using Entity Relationship Diagram (ERD) and Unified Modeling Language (UML) using Devware Life Cycle Design method (SDLC), testing using Blackbox Testing. This application can manage the master data, production targets, purchases, delivery of raw materials, and financial statements.*

*Keywords: inventory, purchasing, application*