

ABSTRACT

D'Seira Homemade is a business venture in the field of Micro, Small and Medium Enterprises (MSMEs) which sells 3 types of products, namely, brownies, marble cakes and bomboloni. Micro, Small and Medium Enterprises (MSMEs) are manufacturing companies because the owners of this business carry out the process of converting raw materials into finished goods that have a sale value. Purchases of raw materials that occur at D'Seira Homemade are owners buying raw materials and supporting materials from suppliers in cash. This raw material purchase is carried out to stock production raw material inventory. Currently, MSMEs do not yet have an information system that records raw material purchases. All processes for recording the purchase of raw materials still use a manual system which is recorded in the book so that these MSMEs do not yet have a structured and neat record of financial transactions and recording of raw material purchases. This causes the owner to experience a difference in the final value of the report, the resulting data is inaccurate and the amount of incoming and outgoing inventory cannot be controlled. For this reason, an application is needed that can record purchases of raw materials and manage material inventory using the Average method. The reports generated are in the form of general journals, ledgers, and purchasing reports. This application was built using object-oriented methods, namely Unified Modeling Language (UML), Entity Relationship Diagram (ERD), and database storage using My Structure Query Language (MySQL). The method used in the design of Software Development Life Cycle (SDLC) application development. The testing technique uses Black Box testing. Generating program code using the CodeIgniter Framework with the Hypertext Preprocessor (PHP) language.

Keywords: Application, Managing Inventory, Purchasing, Average Method