ABSTRACT

Polubi Snack is a Small and Medium Enterprise (UKM) from Bogor, West Java, which is engaged in food production. The foods produced include tuber chips and banana chips. In the production activities carried out, Polubi Snack did not do well, starting from managing material inventory, recording purchase transactions, recording purchase return transactions, and recording purchase debt payment transactions. Therefore, the resulting general journal reports, general ledger reports, and income statements are inaccurate. Based on the problems that exist in Polubi Snack, a website-based application was built to overcome these problems. In developing this application, the Software Development Life Cycle (SDLC) method applied is waterfall. In addition, for the design process using the Unified Modeling Language (UML) system modeling and for database design using the Entity Relationship Diagram (ERD). To manage existing data using the Database Management System (DBMS) from MySQL and for creating program code using the PHP programming language with the CodeIgniter framework. Black Box Testing is a testing method used in applications that are built.

Keywords: Stock, Material, PHP, CodeIgniter, MySQL