

ABSTRACT

Hikmah Cookies is a Micro, Small, and Medium Enterprise (MSME) operating in Komplek Bumi Sari Indah 3 Block A14, Manggahang, Baleendah District, Bandung Regency, West Java. The ordering process in this business is based on customer demand. Once an order is received, the product is processed, and customers can either pick it up directly at the production site or use a delivery service. Payments are made via bank transfer. Currently, order transaction records are still managed manually using notebooks or paper, which poses a high risk of errors and inaccuracies. Common problems in manual recordkeeping include incorrect entry of transaction data, loss or damage of physical records, and difficulties in searching and compiling information for financial reporting. These issues result in financial reports that tend to be inaccurate, making it harder to evaluate the business's performance and potentially affecting decision-making. To address these problems, a web-based application was developed to support the product ordering process. The application development applies an object-oriented approach, utilizing Unified Modeling Language (UML), Entity Relationship Diagram (ERD), and a MySQL-based database. The development method used is the Software Development Life Cycle (SDLC) with the waterfall model. The application was built using the Laravel Framework with the PHP programming language and tested using the black box testing method. The test results show that this web-based application can help the MSME generate more accurate financial reports. The main functionalities of the application include managing order transactions, recording payments, generating general journals, ledgers, sales reports, and income statements.

Keywords: MSMEs, product ordering, web-based application, laravel, UML and ERD, income statement