ABSTRACT

UMKM Intan Bestary is a manufacturing company engaged in the food industry of dodol dodol located on Jalan Raya Bayongbong KM 2 No 35 Rt 1 Rw 7, Garut. The activities that occur in the UMKM Intan Bestary are purchasing, production, and sales activities, as well as employee management. There are various problems in the accounting recording process, especially in sales records such as the absence of cash and credit sales records, no records regarding accounts receivable, and no accounting reports, and unable to analyze sales in the future. This web-based application is built using object orientation method and is built using the PHP programming language and the CodeIgniter Framework. Its functionalities include handling cash and credit sales records, analyzing future sales by making sales projections, and producing accounting reports such as general journals, general ledgers, accounts receivable subsidiary ledgers, trial balances, sales reports, and profit reports. make a loss. Testing this application using Black Box Testing. The method of working on this software uses the Software Development Life Cycle (SDLC) method. The design process uses the Unified Modeling Language (UML) system modeling, and the database schema design uses an Entity Relationship Diagram (ERD), as well as a MySQL database. The results of the development and testing of the application indicate that the functional has been running well which is supported by the User Acceptance Test (UAT) by the owner of the case study. The application can produce the following functionality, which can handle recording sales in cash and credit, analyze future sales by making sales projections, and generate accounting reports such as general journals, ledgers, accounts receivable subsidiary ledgers, trial balances, sales reports, and income statement.

Keywords: Sales; Sales Forecasting; Web-based Application, CodeIgniter Framework