ABSTRACT

CV Bali-Bo is a company engaged in the business sector that sells various kinds of accessories such as bracelets, necklaces, earrings, anklets and bags. CV Bali-Bo is located on Jalan Raya Seminyak No. 35, Bali. So far, CV Bali-Bo still uses a manual system in handling sales records and sales returns, so the owner experiences several incidents such as errors in counting, torn paper, and others. To overcome this problem, a web-based application was built that can handle the recording of sales transactions and sales returns using the Software Development Life Cycle (SDLC) method with the waterfall model, the application development programming language uses PHP with the codeigniter 4 framework, the design process uses the Unified Modeling system. Language (UML), database design using Entity-Relationship Diagram (ERD) and MySQL database server. Functionality runs 100% after testing which is the result of a comparison of manual calculations with the Black Box Testing method. Once implemented, the application is capable of managing the recording of cash sales transactions and sales returns as well as generating reports on sales transactions and sales returns.

Keywords: Sales, Sales Returns, Web-Based Applications, PHP, Code Igniter