

ABSTRACT

CV Bali-Bo is a trading company that sells accessory products. Products sold include necklaces, rings, bracelets, and others. CV Bali-Bo was founded in 2005 and is located at Jalan Raya Seminyak no. 35, Seminyak Village, Kuta District, Badung Regency and has obtained a Trading Business License (SIUP) number: 749-0267/22/08/PKX/2005. The process of calculating and managing profit and loss reports is still done manually using books. The obstacles experienced by the company are employee absenteeism, recording company expenses, the payroll calculation process and managing profit and loss reports are still done manually by recording in books. This is very susceptible to errors in the recording and calculation process. Based on this problem, a web-based application was created that can manage payroll and produce profit and loss reports. This application was built using a design that uses Usecase Diagrams, Activity Diagrams, Class Diagrams, Sequence Diagrams. In database design using Table Structure, Entity Relationship Diagrams, Relationship Diagrams between tables and user interface design. And uses the PHP programming language with a MySQL database. System development uses the System Development Life Cycle (SDLC) with the waterfall method and testing using black-box testing. This application purpose to make it easier for users to take attendance, calculate payroll and manage profit and loss reports.

Keywords: application, payroll, profit and loss, PHP, and waterfall.