ABSTRACT

INFORMATION DEVELOPMENT SYSTEM OF PROCESSING DATA ORDERS AND INVENTORY CONTROL BASED ON CLIENT-SERVER AT CV.BALI67 ADVERTISING

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CV. Bali67 Advertising is company engaged in printing services and advertising. Berdiri sejak tahun 2007, CV. Bali67 Advertising is the first company that provide digital printing services with latest technology, well that was first established in Cilacap. However, companies often get into trouble which arise due to the processing order data are less organized and still use formorder with a handwritten. This resulted in lack of efficiency of work done by many people to rely form order. These events occur frequently and have an impact on consumer complaints due to order digital prints that are printed are not suitable for too long and done. Besides the production process is sometimes disrupted due to lack of raw materials or raw materials and excess that led to increased production costs and the decline in corporate profits, then the transaction is carried out within the company is also less than optimal because not computerized. To solve these problems was made based information system client-server present as the most effective solution.

In this application development using the method waterfall. For the method of data flow is created using DFD (Data Flow Diagram). Functional model and ERD (Entity Relationship Diagram) to describe the data model. And MRP (Material Requirment Planning) method used in the search for raw material requirements.

With the construction of information system aims to simplify and avoid errors in recording transactions, facilitate the distribution of data to the relevant and to know how much material needs to be prepared or ordered so that the production process can run smoothly and meet the customer demand rate, and improve the performance and efficiency.

Keywords: *Inventory Cotrol, Material Requarment Planning (MRP), Economic Order Quantity, Information System*