ABSTRACT

DEVELOPMENT OF E-COMMERCE APPLICATION AT CV RIKA SOFA BANDUNG

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CV Rika Sofa is a company that it is engaged in the production of sofa. The company lives in Bandung. The categories of the sofa production consist of exclusive, medium, and minimalist. The currently sales system is running that when the costumer must come to CV Rika Sofa. The disadvantages of this current system has affected to other aspects such as the promotion process, transactions and the procedure to prepare the sales report are still done manually so that the sales report has not been well detailed.

The methodology that used in the constructing of this system is using waterfall method. In this method the system requirements must be defined at the beginning of the construction of the system in order to gives a complete design. There are two main parts in the construction of this system that are Data Flow Diagram (DFD) is used to describe the data flow in the system and Entity Relational Diagram (ERD) is used to describe the conceptual design of the system

Test system consists of alpha testing where the method is using blackbox testing that focus on the functional requirements and the beta software is tested by giving an interview to CV Rika Sofa employees and giving the questionnaires to the customers of CV Rika Sofa stores. Based on the test results, it can be concluded that the E-Commerce application works functionally which are the e-commerce system is able to overcome the problem of sales and promotions to be unlimited, user friendly for the customer to obtain any information and to buy the products that related to CV Rika Sofa and finally it has simplified the data processing and report generation.

Keyword : Sofa, Production, Transaction, Promotion E-commerce, DFD, ERD