ABSTRACT

E-COMMERCE SYSTEM DEVELOPMENT AT CV. CURE-HATE PRODUCTION

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CV. Cure-Hate Production is a manufacturing business that engaged on convection and craft of painting production. Business process at Cure-Hate Production still operated on a semi-conventional system. Marketing procedure and, product selling have been offered through social networking sites, but data management of sales reports, customer data and data stocking was operated manually. This case lay heavay on updating stock data, customer data management, and sales reporting that needs to be quickly, carefully and precisely.

Design Analysis of e-commerce applications development using object oriented methods. Software development life cyle using waterfall model. System design modelling by using Unified Modelling Language (UML), whereas for data modeling was using Entity Relationship Diagram (ERD). System built using PHP programming language and MySQL database service. This application offer some facilitation for customers and the company. Customers can make stock order, view history order, filing returns, and make order payments in three ways, eg: bank transfer, cash on delivery (COD), and paypal. E-commerce application also provides administrative services for the company's part that used on managing the product catalog data, customer data, order data and returns, report generation (eg: product stock, order, and returns report), and perform system maintenance processes such as backup and restore data.

Based on the results of alpha testing (using the black-box), and beta (based on questionnaire data collection from various types of users) showed that the overall system has been run in accordance with the needs and achieve the results as expected in helping sales activities, product marketing, stock processing, improving the performance of other activities in the CV. Cure-Hate Productions, and in particular to improve customer satisfaction and comfort.

Keywords : Convection, e-commerce, online payment, paypal, internet, UML.