ABSTRACT

E-COMMERCE APPLICATION DEVELOPMENT AT CV QUILTSMANIA

By

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CV Quiltsmania is a home industry company which placed at Komp. Sarijadi Blok 8 No. 100, Bandung. This company established at 1992 by Ms. Cordina D.S.S. and Mr. Dowal S. Simanungkalit. The development of CV Quiltsmania encountered some obstacles such as the sale is still conventional, the cost of promotions to market its products to be considered not efficient, so that customers were not obtained enough for CV Quiltsmania.

The development process of e-commerce system uses a method of waterfall software development, and methods of data flow system used the Data Flow Diagram (DFD) to describe the functional model and the Entity Relationship Diagram (ERD) to describe data model. System builder software is PHP with MySQL 5.0 database server. For the payment, this website use paypal or transfer of bank account with data security applications using IP-Dedicated and use SSL (Secure Socket Layer).

Testing system used to implement e-commerce system is composed of alpha testing where testing is black box testing method that focuses on functional requirements and testing beta software is field testing by providing with a questionnaire given to a number of respondents. After the alpha and beta testing, it can be concluded that a functional system can produce the expected output, with the look of the website is quite interesting and provide convenience to the user processing data.

Keyword : E-Commerce, Home Industry, Quiltsmania, Patchwork Crafts