ABSTRACT

WEBSITE DEVELOPMENT E-COMMERCE

AT OSMOES MOSLEM SHIRT SHOP

By

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Kaos Muslimah Osmoes store located in Perum Surapati Core Jl. Tulip Raya No.36 Bandung is a business entity engaged in the Muslim fashion industry. In the running system, data processing products, stock and service still be done manually. While in terms of promotion of products, store still wearing osmoes catalog of magazines that were distributed to prospective customers. It is expensive enough, because the product promotion is done every time a new product that is produced.

In the process of development, e-commerce applications are using the techniques of data analysis software development with the waterfall method. For the method of data flow systems using structured methods is to use DFD (Data Flow Diagram) in depicting functional model and ERD (Entity Relationship Diagram) to illustrate the model data. Builder software system is PHP with MySQL 5.0 database server. For payments from transactions that occur can be via paypal or bank transfers between accounts with the data security applications using IP-Dedicated and uses SSL (Secure Socket Layer).

After going through the stages of development in accordance with the method chosen is in the implementation of e-commerce system has the follow-up testing of the system consisting of alpha testing where this test using black box testing method that focuses on the functional requirements of software and beta testing is field testing by providing questionnaires to employees in the store Osmoes Kaos Muslimah as administrators and the general public as a web user that contains questions referring to the final destination. After

alpha and beta testing, it can be concluded that functional systems can already produce the expected output, with the look of the website which has been approved by the shop and enough Osmoes provide convenience to the user in processing data.

Keywords: *E-commerce,* DFD, *waterfall* method.