ABSTRACT

Development of E-Commerce Application in Muslim Fashion of The Hasbi's Store

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Clothing Stores Hasbi is a store that specializes in sales of male and female Muslim dress. Development of e-commerce application refers to a manual system that is running on Clothing Stores Hasbi. The system is running here is a sales system that requires the buyer to come to the store. In addition, the bookkeeping system for the manufacture of recapitulation reports sales are still done manually so that the report detailed the sales has not been well.

In the process of development of e-commerce sites are using the waterfall development techniques. While the method of data flow systems using structured methods, in which tolls it is a Data Flow Diagram (DFD) to portray the functional model and Entity Relationship Diagram (ERD) data model for a portrait. Process payment transactions can be done through transfers between bank accounts and paypal and cash on delivery, in terms of security, this application implements the MD5 algorithm, while the objectives of the development of e-commerce system is easier for buyers to make purchases without having to come directly to the store and simplify hasbi Moslem store owners in making the management of goods. Moreover, to facilitate in making the sale recapitulation report.

After going through the stages of development in accordance with the method chosen is in the implementation of e-commerce system has a follow-up testing of systems that consist of alpha testing where this test using black box testing method that focuses on functional requirements and testing beta software is field testing by providing questionnaires to employees muslim hasbi fashion stores as administrators and the general public as a web user that contains the questions refer to the ultimate goal is for customers to obtain information about the products they want and can make transactions from anywhere online, and can accelerate the performance of the store in managing goods data and sales reports. After alpha and beta testing, it can be concluded that a functional e-commerce system is already able to produce the expected output and be user friendly.

***Keyword** : e-commerce, md5, waterfall, black box*