ABSTRACT

E-COMMERCE APPLICATION DEVELOPMENT IN THE SHOP ISTANA KULIT SUKAREGANG GARUT

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Istana Kulit Sukaregang Garut is a business entity which is engaged in sales of leather jackets for men and women. E-commerce application development refers to the manual system that is running. Manual system which runs currently in the form of sales are based only on consumers who come directly to the store. Moreover, the Istana Kulit Sukaregang Garut has obstacles, ranging from the promotion process and transactions and in preparing reports sales are still done manually so that the report has not been selling well detailed.

The research will be created an E-commerce application, a tool used to describe the system model is a data flow diagram (FlowMap), context diagrams, and Data Flow Diagrams (DFD), as well as in database design using a data dictionary, and Entity Relationship Diagram (ERD), while the programming language used to create this program is a PHP and MySql with Adobe Dreamweaver and assisted tools Xamp.

E-commerce application that is made is expected to be a wider media campaign, helping to improve the quality of small and medium businesses, and simplify the consumer in the process of booking and payment of a product because it is done online using paypal, bank transfer or COD (Cash On Delivery). After some phases in accordance with the development method, the implementation of e-commerce system needed an advanced testing system which was consisted of the alpha and beta testing. The alpha testing system used the testing method of the black box which focused on the functional requirement of software and the beta testing was a field testing by giving questionnaire to the officials of shop Istana Kulit Sukaregang Garut as admin and to public society as a consumer. After the alpha and beta testing, can be deduced that the functional system can already generate the expected output, with a view that is quite interesting websites and provide convenience to the user in processing data.

Keywords: System sales, e-commerce, information technology, sales, reservations and payments online, internet