ABSTRACT

DEVELOPMENT E-COMMERCE WEBSITE SELLING GOODS AT MITRA KOMPUTER STORE

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Mitra Komputer Store is a business entity which is engaged in selling computer and accessories. Development of e-commerce system are based on manual systems that are running. Manual system which runs currently the only form of sales based on consumers who come directly to the store. In addition, the Mitra Komputer Store also has disadvantages, ranging from the promotion process and transactions and in preparing reports sales are still done manually so that the sales report has not been well detailed.

In this research will be made an E-commerce application, a tools used to describe a system models is a documents flow diagram (flowmap), context diagram, and data flow diagram (DFD), and in database design using data dictionary and entity relationship diagram (ERD). The programing language using to made this application is PHP and mysql to create the database and assisted with dreamweaver and Xampp server.

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 Mitra Komputer Store as operator 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.

Keyword : E-commerce, Data Flow Diagram