ABSTRACT

E-COMMERCE WEBSITE DEVELOPMENT
IN DYNAMIC COMPUTER STORE

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Dynamic Computer is a business entity which is engaged in computer sales. Development of e-commerce system are based on running system. System which runs currently the only form of sales based on consumers who come directly to the store. In addition, the Dynamic Computer 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.

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, Data Flow Diagram, waterfall method