ABSTRACT

SALES APPLICATION OF PAINTINGS
IN THE GALLERY ZOLA ZOLU
BASED WEBSITE

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GALLERY ZOLU Zola is a company engaged in the sale of paintings. Development of e-commerce site refers to 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 gallery. In addition, the bookkeeping for the preparation of summary reports sales are still done manually so that the report has not been selling well detailed.

In the process of development of e-commerce sites is a method of data flow system used is structured method which is using DFD (Data Flow Diagram) in depicting functional model and ERD (Entity Relationship Diagram) to illustrate data model. For payments from transactions that occur can be through cash deposit, ATM transfer and paypal. The objectives of the development of e-commerce system is easier for buyers to order goods without having to come directly to the galleries and the ease of doing product management. In addition to ease in making sales summary report.

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 gallery zolu Zola as administrators, operators 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 and e-commerce system is considered quite easy to use, with the look of the website is quite attractive, it can speed up data processing and facilitate in making the sales reports.

Keywords: e-commerce, Data Flow Diagrams, waterfall method.