ABSTRACT

BUILDING APPLICATIONS E-COMMERCE WEBBASED STORE IN BALANTRAX ART SHOP HANDYCRAFT

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Balantrax Art Shop is one of the stores are moving in the hands of the timber industry kerajinanan the form of sculptures and traditional musical instrument which is located on Jl. Jatinangor-Sumedang, and established since 1990 Balantrax Art Shop has fulfilled the orders either stout or outside the area Jatinangor. In the business process Balantrax Art Shop is still using conventional methods such as direct sales process, word of mouth promotion and management of data and reports that still manually generated report has not resulted in better detail, where it is becoming an obstacle for Balantrax Art Shop in achieving its vision and mission. E-commerce applications into one solution to overcome the obstacles faced Balantrax Art Shop.

E-commerce applications into one solution to overcome the obstacles faced Balantrax Art Shop. E-commerce application development refers to the manual system is running. Floating method of software used in designing and building this software is to use a structured approach. The tools are used for modeling systems in these applications include document flow diagram (Flowmap), context diagrams and Data Flow Diagrams (DFD) and in database design using Entity Relationship Diagram (ERD) and data dictionary. System builder software is PHP with a MySQL 5.0 database server. Payment of the transaction can occur via paypal or bank transfer account data security systems using IP-Dedicated and uses 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 in processing data.

Keywords: Applications, E-Commerce, Balantrax