ABSTRACT

E-COMMERCE WEBSITE DEVELOPMENT IN STUDIO KAYU

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Studio Kayu is a business that sells a product that is a product introduction in Montessori teaching and learning activities that are made of quality wood and is safe for use among children. Studio Kayu has the problems that occur include the lack of facilities that can process data and report generation are well structured, the difficulty of how to market and sell products without having to spend vast considerable cost and facilitate the customers located within the city or outside the city to buy the product without having to come to the store with a rapid and specific information of the products offered, can also be dealt with through internet sales.

The method of analysis used in the construction of e-commerce website in Studio Kayu is based on structured data that is used flowmap and tools used are ERD (Entity Relationship Diagram) and DFD (Data Flow Diagram). While the programming language used to create this program to a database using PHP and MySQL with the help of Adobe Dreamweaver tools and Xampp.

Based on the results of tests made by testing the system using the black box of alpha and beta with a questionnaire given to a number of respondents showed that the overall system is running in accordance with what is expected.

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