ABSTRACT

E-COMMERCE WEBSITE DEVELOPMENT OF DEWI COLLECTION'S STORE

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E-Commerce is a new concept commonly described as the process of buying and selling. E-commerce can also improve cost efficiency and productivity of enterprises, thus increasing the company's ability to compete. E-commerce convert almost all business functions and areas of each activity, ranging from purchasing to the advertising and sale transactions. By using E-commerce facilities are easy for cutomer to buying and selling without having to come into place. Dewi Collection's shop is a company engaged in the sale of goods, especially shoes. Dewi Collection's sales system is still used the conventional system, where the costumers are coming directly to the store for the sale.

Methods for software development which uses the method waterfall. The method used in the data flow system is a structured method is by using the DFD (Data Flow Diagram) in depicting functional model and use the ERD (Entity Relationship Diagram) to illustrate data model. Process for the payment transactions using two methods are offline paymeny (direct transfer to the inter-bank accounts) and online payment (paypal).

The workings of the website administrator application's program simply enter your email and password to log in and choose menus that have been provided in the main menu to perform the process. In the admin main menu there is menu for inputting process, search, edit, and delete data relating to e-commerce. While the user main menu, user / customer can register to transact bookings and get information about the products offered by Dewi's Collection contained in the website. So it can be concluded that this web application can facilitate the admin to manage the required data and makes it easier for users / customers to obtain information on the available data.

Keywords : E-Commerce, Data Flow Diagram, Entity Relationship Diagram, Waterfall method