ABSTRACT

E-COMMERCE DEVELOPMENT AT DAZZLING MUSIC

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Dazzling Music is a business that has stood since 6 years ago, the business of execution of the procurement of musical instruments such as marching band, drum band, tambourines, marawis, percussion and instrument nasyid. Marketing systems and sales of used products is still very limited (Conventional), that is the customer must come immediately to see the products on offer and also through the bidding proposal. Marketing system is perceived as less effective by Dazzling Music. Moreover customers are difficult to obtain information of products offered. Data processing and reporting are also not well structured. For that, Dazzling Music need a marketing system that can increase sales without spending a huge cost.

Application of e-commerce aims to overcome the obstacles faced Dazzling Music. In the development process of e-commerce applications using a software development method using the waterfall. To use the document flow Flowmap. While the analysis and design tools used DFD (Data Flow Diagram) for the functional model and ERD (Entity Relationship Diagram) to describe the data model. System builder software is PHP with MySQL database and apache server as webserver

With selected development method hence in the implementation of e-commerce system was conducted testing system consisting of alpha testing and beta testing. Based on the results of testing has been done can be concluded that the website Dazzling Music is quite good but still need pengembangun better. With the building of e-commerce applications is expected to be easier for consumers to obtain information and conduct transactions, enabling companies to process the data in the product, ease in making reports, and increase product sales.

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