ABSTRACT

SALES APPLICATION AND ORDERING MUSIC EQUIPMENT AT A & R MUSIC STORE

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A & R Music Store is a small business that offers sales instrument tools for Band needs such as guitars, drums, and keyboards. In the product sales system A & R music store based solely on the consumers who come directly to the spot, while in doing promotion of A & R Music store only through the information conveyed to consumers that the consumers who else it can not reach outside the marketing area of Bandung, not yet have a website because this causes the A & R Music store has not known by many people. To resolve the problem, then A & R music store wants to build e-commerce as one means of promotion.

In building e-commerce applications, process models for software developers who used the waterfall process model. While the model system used to describe a system that will use the data flow diagrams (FlowMap), context diagrams, and Data Flow Diagrams (DFD), as well as in database design using a data dictionary, and Entity Relationship Diagram (ERD). The process - a process that occurs is the process of registration, ordering, payment, delivery and reporting process. The software used to build the system is PHP and MYSQL as database storage, Xampp as a web server, as well as Macromedia Dreamweaver web editor. By using the tools - these tools will be built e-commerce applications to suit the needs of A & R Music store.

Based on test results, it is expected that e-commerce applications are built may provide a solution to facilitate the process of ordering and sales as well as facilitate the reporting process. In addition to this application can be a media campaign.

Key words: *E-Commerce*, *Waterfall*, *Database*, *Flowmap*.