ABSTRACT

BUILDING E-COMMERCE APPLICATIONS

TELECOMMUNICATION EQUIPMENT AT OPTICINDO SHOP

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Opticindo shop is one of the businesses sale equipment telecommunication. Store locations a distant and bustle, causing consumers can not come to buy products, the process of providing product information, making reports product stock and sales has not been well and quickly are also an obstacle for Opticindo store.

The research methodology used include the data gathering phase, namely the study of literature, observation and interview. As for the stage of making the software using method waterfall. For data flow analysis using structured method, which use DFD (Data Flow Diagram) to depict functional model and ERD (Entity Relationship Diagram) to illustrate the relationship model of data.

After going through the stages of system design and testing alpha and beta, alpha testing use black box method for functional software testing and beta testing the field by giving questionnaires and interviews. Based on the results of testing has been done can be concluded that the presence of this same practice e-commerce easier for customers to order products, providing product information to be more effective and efficient as well as sales and reporting product to be well organized and quickly.

Keywords: E-commerce, Opticindo, products, customers.