ABSTRACT

DEVELOPMENT APPLICATIONS E-COMMERCE IN THE STORE OF WENK'S SPORT

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Wenk's Sport is a store that specializes in selling sports equipment like soccer clothes, football shoes, futsal shoes and balls. Current system of selling products at Wenk's Sport is not computerized, that is by consumers came directly to the store to select and purchase the desired products. Besides, in making the recapitulation of sales report is still carried out manually, so the sales report has not been properly detailed.

The method used in software development is using the waterfall method. While to analyze the currently running procedures was used Flowmap. To describe the relationship of data flows between the system and external components was used the context diagram. Data Flow Diagram (DFD) is used to describe flow of data that flows on the system, while in the database design are used data dictionary and Entity Relationship Diagram (ERD).

Application testing comprises of alpha testing where this testing is use the black box testing method that focuses on the functional requirements of software and beta testing is field test by interviewing the owner and employees of Wenk's Sport Shop and give the questionnaire to the general public as users of the application. Based on the test results it can be concluded that e-commerce application is considered easy to use, display was enough attractive, speed up data processing, expanding the scope of marketing, easier in promoting the product, allows consumers to make purchases of products and easier in making the recapitulation of sales report

Keyword : e-commerce, Data Flow Diagram, Entity Relationship Diagram, waterfall method