ABSTRACT

DEVELOPMENT OF E-COMMERCE APPLICATIONS AT WARDAH-SHOP

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The development of information technology is currently evolving so rapidly, becoming more sophisticated and economical. The development of these technologies into a solution for developing business in the modern era of full competition at this time. Wardah Shop is a store engaged in selling cosmetics and beauty tools Wardah. E-commerce application development refers to the manual system that is running. Manual system that is currently running the consumer to come directly to the store to do shopping transactions. The constraints on the shop Shop Wardah such as media campaigns that require a relatively expensive cost, non-fulfillment of consumer demand because the system is not computerized, making statements that have not been detailed explicitly include sales reports, reports of goods and other reports.

In the process of development of e-commerce application uses data analysis techniques and use the method waterfall software development, ongoing procedures described by Flowmap, whereas for data modeling uses the structured method Entity Relationship Diagram (ERD) and to describe the functional model using data flow Diagrams (DFD). The software uses the system builder version 2.0 WAMPP to localhost server and Adobe Dreamweaver CS3 to design and coding. Data security applications using IP-Dedicated and uses SSL (Secure Socket Layer). Payment on purchase transactions using paypal and bank transfer. For payment after delivery (COD) is only around the town and city cimahi Bandung.

After successfully going through the stages corresponding to the chosen development method hence in implementing e-commerce system has the follow-up testing of the system consisting of alpha testing and beta testing. Based on the results of testing that has been done can be concluded that the overall system runs as expected.

Keywords : *E-commerce, Flowmap,* DFD, PHP, MySQL, Metode *waterfall*.