ABSTRACT

DEVELOPMENT SYSTEM OF ONLINE SHOP (ECOMMERCE) IN MAGIC EQUIPMENT SHOP SAUNG MAGIC

by

FAJAR CAHYA NUGRAHA
10107458

Saung Magic is a store that specializes in the trade sale of the equipment along with VCD & DVD training of magic, which the Magic Saung shop having some problems, like as the promotion and sales process that is still conventional, up to the difficulty of getting information of product and for consumers who want to buy the product is still required to go on to Saung Magic shop. In addition that, the accounting for sales summary report is still manually, so that the data processing sales reports are still slowly and not well detailed. Saung Magic shop wants to used technology in marketing and sales strategies by implementing e-commerce.

The development process of e-commerce system uses a method of waterfall software development, and methods of data flow systems using structured methods who uses DFD (Data Flow Diagram) in depicting functional model and ERD (Entity Relationship Diagram) to illustrate data model. System builder software is PHP with MySQL database server. Payment of the transaction can occured via paypal or transfer from account bank with data security systems using IP-Dedicated and uses SSL (Secure Socket Layer).

Trial of system which used to implement e-commerce system is composed from alpha testing where the test is black box testing method what focuses on functional requirements and testing beta software is field testing by providing with a questionnaire given to respondents. After the alpha and beta testing, can concluded that functional system can be produce the expected output, with cover of the website whose quite interesting and provide convenience to the user in processing data.

Key word : E-commerce, DFD, Waterfall Method.