ABSTRACT

DEVELOPMENT OF E-COMMERCE CAR SPARE PART SITE AT SALUYU MOTOR

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E-Commerce is an innovation of the concept of the digital economy that utilizes Internet technology which to performs the activity of buying and selling online. E-commerce can also improve cost efficiency and productivity of enterprises, thus increasing the company's ability to compete. Saluyu Motor which is located in east ern of Bandung, is a company engaged in the sale of spare parts for various brands of cars and services that serves the service area of a tune up, variation, and the steam washing. The e-commerce website development is based on a manual system. The present system based on sale of consumer that come directly to the shop only.

The method of this software development is the waterfall method. The method used in the data flow system is a structured method using DFD (Data Flow Diagram) in depicting functional model and ERD (Entity Relationship Diagram) to illustrate data model. And there are two methods to process payment transactions; offline payment, a directtransfer to the inter-bank accounts, and online payment using paypal.

After some phases in accordance with the development method, the implementation of e-commerce system was needed to advance testing system which was consisted of the alpha and beta testing. The alpha testing system used the testing method of the black box which focused on the functional requirement of software. meanwhile the beta testing was a field testing by giving questionnaire to the officials of saluyu motor as administrators and to public society as a consumer. After the alpha and beta testing, it could produce output and the e-commerce was easily used and attractively.

Keyword : e-commrece, saluyu motor, waterfall method