ABSTRACT

THE APPLICATION OF E-COMMERCE AT JUNE PRODUCTION

by

TUANKU INDRA ERSYAD

10109728

June production is a market focusing on selling veils and their accessories. The shop currently gives service to people who come to the shop and it is not able to give service for those who order the stuff out of the town. Besides, the methods of payment is by cash money. Therefore if a customer does not bring any cash with her or him, there will be no transaction.

The research methodology used software waterfall model, whereas for data modeling used the structured methods, those were Entity Relationship Diagram (ERD) to describe the data model and Data Flow Diagrams (DFD) to depict functional model. Then the results of the analysis were translated into a programming language used programming language PHP and database My Structured Query Language (MySQL).

This e-commerce system had a follow-up testing system consisting of alpha testing which was using black box testing method that focuses on functional requirements and beta testing, a field testing, which was giving the questionnaire to the general public and interview to an admin. After the alpha and beta testing had been conducted, it could be concluded that the system functionally can produce the expected results and provide convenience to the user in performing data processing with the interface of the website is quite interesting

Keywords: E-commerce, PHP, MySQL, Paypal, ERD, DFD, Waterfall Model.