ABSTRACT

DEVELOP OF E-COMMERCE APPLICATION INDUSTRI RAJUT BINONG JATI

by

Romatua Daulay
10107055

Industri Rajut Binong Jati is a cottage industry that has begun to exist since the 1950's. The industry is engaged in the sale of goods. E-commerce application development refers to the manual system is running. Manual system is currently running a sale that only by consumers who come to the shop. In addition, the start of the promotion process and report transactions and the sale of Industri Rajut Binong Jati still do it manually so the sales report has not been well detailed.

The descriptive research method was applied in the development process of the building of e-commerce website was used as the data analysis technique the software development method was used waterfall technique. For the method of system data flow used the Data Flow Diagram (DFD) to describe the functional model and the Entity Relationship Diagram (ERD) to describe data model. system builder software is PHP with MySQL 5.0 database server. For the payment, this website use paypal or transfer of bank account with data security applications using IP-Dedicated and use SSL (Secure Socket Layer).

After some phases in accordance with the development method, the implementation of e-commerce system needed an advanced 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 and the beta testing was a field testing by giving questionnaire to the officials of warkshop as crew and admin and to public society as a consumer. After the alpha and beta testing, can be deduced that the functional system can already generate the expected output, with a view that is quite interesting websites and provide convenience to the user in processing data.

Keyword : E-commerce, Data Flow Diagram, waterfall method