ABSTRACT

E-COMMERCE APPLICATIONS DEVELOPMENT
ON TENJIKU STORE

by

EKI WIRA YUSNANDA
10107367

Tenjiku store is a company engaged in the sale of clothes. Tenjiku wants to expand the reach of its product sales. Based on the results of research in Tenjiku Stores, sales transactions are still using conventional sales system. In addition Tenjiku Stores had difficulty in making the sale if there are orders from outside the city, due to long distances so that customers find it difficult to see examples of goods produced.

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.

Keyword : E-Commerce, ERD, DFD, Model Waterfall, Tenjiku Store.