ABSTRACT

DEVELOPMENT OF E-COMMERCE WEBSITE IN LINGGO JAYA STORE

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Linggo Jaya store is the company's official safety equipment sales, satpolpp equipment, police equipment, military equipment. current procedures Linggo Jaya shopping at the store that is, the consumer must come directly to the store to buy a product, it is becoming a problem for buyers who are far away from the store due to time constraints. In addition to recording the sale transaction data is done manually so often goes wrong in making the report.

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 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. Results of testing alpha and beta can be concluded that the system functions have an output as expected. Development of e-commerce website at Toko Jaya Linggo can facilitate consumers in making transactions and to help keep the spread of product information, assist in data processing and simplify report generation.

Keyword : e-commerce, DFD, ERD, waterfall model