ABSTRACT

DEVELOPMENT OF E-COMMERCE APPLICATION AT ROUTES SHOP

By

Adnan Mursyidin
10107503

Routes shop is a merchant that sell various types of shoes, shirts, and jackets with "Routes" brand. Currently, there are some problems in the routes shop, that is difficulty of reaching consumers who far away from the shop, the promotion haven't running well, and management of sales data report that haven't properly detailed. Therefore need to build an online sales application , known as e-commerce.

Research methods in the development of e-commerce is using descriptive method. Waterfall model is used in the software development stage. The analysis methods that used is structured analysis approach. context diagram used to describe the relationship of data flow between system and external components, Data Flow Diagram (DFD) to describe the data flow in the system, Entity Relationship Diagram (ERD) used to database design modeling.

Testing of this application consists of two stages, that is alpha and beta testing. Black box testing method which focused on the functional requirements system used in the alpha testing stage. Interview and questionnaire given to user system on beta testing stage. Based on testing result can be conclude that the application facilitate the transaction process untrammeled the distance and time, it can help the Routes Shop to promoted their stuff to the entire area, facilitate and itemize in making sales data report.

Keywords : E-commerce, Routes Shop, Context Diagram, DFD, ERD.