ABSTRACT

DEVELOPMENT OF E-COMMERCE WEBSITE IN MEGA CELLULER

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Mega Celluler is a store that sells several types of mobile phones from various brands that exist in Indonesia. Mega Celluler has a problem, among others, in making the report, but often there are errors in the writing, the length of the report resulted in the slow performance of the store. Mega Celluler also often forget to change the stock after the consumer buys a product at the store, that resulted in stock products has not changed, despite being reduced.

The method of analysis used in the construction of e-commerce website at Mega Celluler store structured data based on the use flowmap and tools used is ERD (Entity Relationship Diagram) and DFD (Data Flow Diagram). Features ara available on application madesearch among products, grouping of productws by brand, and the availability of validation of the payment holiday feature. Paymnet of transaction that occur can be done thruogh by paypal or bank transfer. Data security applications using IP-Dedicatedand using SSL (Security Socket Layer).

Result oftesting alpha and beta testing can be conclude that the functional e-commerce applications Mega Celluler should already be running. E-commerce application Mega Celluler produce output that is expected to facilitate customer in getting information and perform transaction and provide convenience to the store to for data processing items, processing of sales data and sales reporting.

Keywords: E-Commerce, Mega Celluler, Handphone, transaction, ERD, DFD, product, sales.