ABSTRACT

DEVELOPMENT OF E-COMMERCE SPARE PART IN PT. DAYA ANUGRAH MANDIRI BRANCH ARJAWINANGUN

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PT. Daya Anugrah Mandiri branch Arjawinangun is a company engaged in the sale of spare part brands Honda motorcycles. At this, the company have difficulty in servicing consumer transactions from outside the city, need of services may make it easier to manage customer payments, and difficulty in give more complete information about the products it sells.

The research methodology used in the writing of this thesis is a quantitative method that includes data collection phase, namely the study of literature, interviews, questionnaires and observation. As for the stage of making the software using method waterfall. For data flow analysis using structured methods, which use DFD (Data Flow Diagram) to depict functional model and ERD (Entitiy Relationship Diagram) to illustrate the relationship model of data.

After going through the system design stage and then followed up with testing of both alpha and beta, alpha testing use black box method, while the beta testing using interviews and questionnaires.

Based on the results of testing, can be concluded that the development of e-commerce applications is much easier for consumers seeking information about a product, consumers find it easier to purchase, easier for companies to manage the sales transaction, the company easier to manage product data and facilitate companies in making report.

Keywords: applications, e-commerce, spare part