# *ABSTRACT*

## *IMPLEMENTATION OF BOOK-SELLING E-COMMERCE AT CV. PUISMA UTAMA*

**by**

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*Promotion at the Puisma Utama Bookstore be one factor in how book sells can be increased more than usual. In addition to the lack of book promotion, book and order management processes are still done manually so it requires funding and less cost and time effective. These problems will hamper progress Puisma Utama Bookstore. To overcome these problems, we need a proper solution. Sells via the Internet, called E-Commerce is one solution to overcome the issue. With the E-Commerce, is expected to decline promotional costs, increasingly broad scope of product promotion and management books and orders become more effective. So that profits and progress can be achieved Puisma Utama Bookstore.*

*In building e-commerce system uses the Waterfall methodology. Waterfall methodology is a systems development methodology is performed in descending order from the process of data collection, system analysis, system design, coding systems, system testing and system maintenance. The data was collected by direct interview with the owner of the bookstore. The analysis system uses a tool to describe the system of DFD (Data Flow Diagram), while conceptual analysis using ERD (Entity Relationship Diagram). The coding system is done using the PHP programming language and data storage performed on MySQL. System testing is done by testing of Alpha and Beta testing. After testing, system maintenance must be done to maintain the consistency of the system. With this method of construction is expected to E-Commerce systems are made more orderly and better.*

*In this system, store owners can manage the data stores such as management books, management reports, order management, payment management and other matters. Customers also can order books, make payments, view details of a book and other things. With the ease, either issue a store owner and customer issues can be resolved properly.*

*Based on the process that has been done on this system, it can be concluded that the presence of E-Commerce system can provide solutions to existing problems in the Puisma Utama Bookstore both in terms of sells, promotions, and data management.*

**Keywords** : DFD, ERD, *Waterfall, E-Commerce*