ABSTRACT

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E-COMMERCE APPLICATION USING THE ORDER BY MODELING SALES SYSTEM
***Case Study at* CV. Mitra Jaya Sentisa Abadi**

by

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CV. Mitra Jaya Sentosa Abadi is a trading company that provides sort of spring beds and sofas. The marketing and promoting is still done manually, by spreading the leaflets, brochures and held exhibition in many different places. The marketing has not been widely done, it is around Bandung and Cirebon. Therefore CV. Mitra Jaya Sentosa Abadi will expand it is market by using internet technology, namely website e-commerce application. It enables customers to order the stuff according to their own design, by uploading the design. Therefore, constructing an e-commerce application with sales order system by modeling.

But security in Internet technology is vulnerable to hackers and crackers. And also needed a security protocol that can secure data by using SSL (Secure Socket Layer). Secure Socket Layer (SSL) is the protocol used for secure web browsing. Acts as the SSL protocol to secure communications between clients and servers. This protocol facilitates the use of encryption for confidential data and helps ensure the integrity of information exchanged between a website and a web browser.

For the research methodology, the software uses waterfall method, in the other hand for the design creating, it uses structural method called Entity Relationship Diagram (ERD) to draw the data design and Data Flow Diagram (DFD) method to draw the functional design.

This e-commerce application can help the customers getting information about the product which offered by CV. Mitra Jaya Sentosa Abadi. It facilitates the customers in ordering their products and also helps the company to increase products sales.
Keywords : *E-commerce, Order by Modeling, Secure Socket Layer*