## *ABSTRACT*

### *BUILDING E-COMMERCE WEBSITE AT MUSLIM BOUTIQUE SIFA COLLECTION*



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*Sifa Collection is a home industry engaged in the production and sales of clothing muslim women in particular. How to promote the production SIFA Collection is less effective because it is only offered through brochures and via telephone. The sales process is still done by direct sale so the coverage is quite limited sales. Consumers who are located far have difficulties in purchasing the product because they have to come directly to the point of sale. Making sales reports, booking reports, and reports unstructured product data and still in the form of accounting records (work sheet) resulting in difficulties when make a report.*

*To build an e-commerce website creation software methodology used is the waterfall development method with steps starting from system engineering, analysis, design, coding, testing, to maintenance. For its design using a structured method which consists of Data Flow Diagrams (DFD) in describing the functional model and Entity Relationship Diagram (ERD) to describe the data model. For development using PHP programming language and MySQL as the database server.*

*Based on the results of testing that has been done, it can be concluded that the e-commerce website built to help facilitate the company to promote its products, makes it easy for customers located both near and far located to provide items without having to go to the sale, helping enable customers located far to make a purchase, and facilitate officer in merekap report sales results, the report bookings, and product data reporting.*



*Keyword : home industry, e-commerce, DFD, ERD, structured*