ABSTRACT

Puri Utami is a Micro, Small and Medium Enterprise (MSME) which is engaged in Muslim fashion and is included in a manufacturing company. Puri Utami offers various kinds of mukena products such as painted mukena, batik mukena, and embroidered mukena. Puri Utami is located on Jl. Synom No. 15 Turangga Kec. Lengkong City of Bandung, West Java 40264. In running a business, Puri Utami is still compiling and realizing the recording of financial reports manually using Microsoft Excel and the resulting report in the form of a sales report. The current sales process is still being carried out through social media broadcasts such as through Facebook and Instagram. In addition, online made by contacting directly via DM, Inbox, or Whatsapp with the payment method using bank transfer. This application is built using the System Development Lifecycle (SDLC) method waterfall. The Black Box Testing (BBT) testing method is used in testing this web-based application. This application is also built object-oriented, namely Unified Modeling Diagram (UML), Entity Relationship Diagram (ERD) and database storage process using My Structure Query Language (MySQL). The code generation stage uses the CodeIgniter Framework with the Hypertext Preprocessor (PHP) scripting language, Bootstrap as a CSS framework and Midtrans the payment gateway assistant tool. The web-based application system created can sell products online in the form of a web with a payment gateway payment method. Then this application can generate reports in the form of general journals, ledgers, trial balances, income statements, and sales reports.

Keywords: Web-Based Application, Sales, Payment, Payment Gateway.