

ABSTRACT

Small and Medium Enterprises (SMEs) are one of the economic sectors that make a significant contribution to helping to improve the economy in Indonesia. Bale Kampoeng Radjoet is a place to deposit knitting products from 12 knitting craftsmen, which will also be marketed, in both offline and online stores. Over the last three years, the level of sales at Bale Kampoeng Radjoet has increased. Therefore, recording all product data, both incoming products, outgoing products, and product stock in the warehouse is a very important thing to do. The recording of these data is carried out to support the smooth sales process at Bale. However, in reality, all these activities are still carried out manually, there is not even a process for recording outgoing products and product stock in the warehouse. With this in mind, the CEO of Bale Kampoeng Radjoet feels that the current system is still not efficient. Therefore, the authors conducted further research to help solve the problems that occurred at Bale Kampoeng Radjoet, by designing a digitalization of the stock opname recording system, designing a website-based information system, by applying the waterfall method as the system development method. This system will assist in organizing incoming product data, outgoing products, and product stock in the warehouse. At the end of the system development process, the authors tested the designed system using the User Acceptance Testing (UAT) method, which involved users. This test is carried out to know whether the designed information system can operate according to its function. Based on the test results through the verification and validation stages that have been carried out, the results show that the system design results can be accepted by the user. With this system, the entire process of recording incoming products, outgoing products, and product stock in the warehouse will become more organized, so it can help improve the stock opname system at Bale Kampoeng Radjoet.

Keywords — Information System Design, Digitalization, Website, Waterfall