

ABSTRACT

Knowledge Management can help a company in transforming knowledge from all parts of the company, including Systone Micro, Small and Medium Enterprises as a Clothing industry company that is still developing into a larger company and developing products that can provide competitive advantage. To improve good product innovation, a knowledge storage system is needed that supports product development in micro, small and medium enterprises to be more competitive and increase the effectiveness and efficiency of knowledge storage documentation.

The Knowledge storage system was developed using the waterfall method. In the first stage there is identification of needs and business modeling. The second stage consists of analysis and design activities. Then enter the implementation stage of the design that has been made. After that it will be tested and end at the maintenance stage. In this study, users who use the system designed are Owner, Research and Development innovation division, and production and sales division.

The result of this research is the creation of a knowledge storage system in the form of a database consisting of a dashboard and 2 catalogs of knowledge storage for prototype products and marketed products. For further development, the database to be designed can be equipped with several detailed information which will later be input into the system.

Keywords: Knowledge Management, Database, waterfall method, System