

ABSTRACT

Nurfion Shoes is a manufacturing company engaged in the manufacturing of shoes, such as boots, high heels, flat shoes, sports, cowboy boots, sneakers, and various types of shoes and bags made of leather with prices ranging from Rp. 100.000,00 to Rp. 3.500.000,00. In the process of supplying raw materials for production needs, Nurfion Shoes often faces obstacles in the form of the large number of raw materials that are not priority for production that fills the warehouse and runs out of stock of raw materials during the production process which results in late orders being completed. So far, the raw material inventory activities have been carried out based on the estimated production needs which has resulted in several purchases of raw materials. Based on several problems that have been described, a web-based application was built that can handle raw material inventory management using the ABC analysis approach. This application was built with a database programming language. This application is tested using the black box testing method, so that the application created can run as expected.

Keywords: Manufacturing, Raw Material Inventory, Web Based Application, CodeIgniter Framework.