

ABSTRACT

PT. Mitralab Prima Nusantara is a limited liability company engaged in the laboratory equipment sector. The company conducts monitoring using paper records, which are then transferred to Microsoft Excel. This research aims to develop a monitoring system as a supporting tool to assist the company in simplifying the process of monitoring business activities. The method used in this study is the ICONIX process software development method. The reason for using the ICONIX process method in this study is because this method focuses more on user needs and the process is carried out more simply and efficiently without leaving a discussion about analysis, design, and implementation. The ICONIX process method in this study includes four stages, namely requirements, analysis/preliminary design, detailed design, and implementation which produce certain artifacts at each stage. The result of this study is a web-based monitoring system. This monitoring system has been tested using the black box testing method with the results accepted and is suitable for use and can be further developed.

Keywords: PT. Mitralab Prima Nusantara, Monitoring, Business Activity, Monitoring System, ICONIX Process