

## ABSTRACT

Master data management is a process to integrate several data sources into one for good, consistent, and evenly standardized data. Several companies have been successful in creating a good quality data source for their data. However, some companies yet to have this system. BPOM finds difficulties in managing their data source. The problem lies in data duplication, lack of control on data reference, and the lack of application to monitor all data sources. With this problem, BPOM has not been able to integrate its data because the data has not become valid and accurate data.

This paper aims to make improvements to the MDM monitoring dashboard that was previously made. Making this monitoring dashboard using the pureshare method. This research produces a web-based monitoring dashboard that can monitor the process and quality of master data on BPOM using open source tools. Unit testing is done by testing the feasibility of applications that are developed with the results of testing the application is feasible to use so that the data in the application can be trusted and consistent so that the master data can be used throughout the organization and the authenticity of the data can be accounted for.

**Keywords:** master data management, reference data management, data, dashboard, monitoring, reporting.