

ABSTRACT

DEVELOPMENT METADATA REPOSITORY SYSTEM USING *OPEN SOURCE TOOL*

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In today's digital era, data is an important asset for a company. With correct data management, it will make it easier for companies to meet business targets and make it easy for decision making. In a company, problems often occur due to the lack of attention of company stakeholders in processing data.

The purpose of this research is to make a Metadata Repository in a Data Management Application. The Metadata Repository will make it easier for companies to find out data related to data that is owned by the company. With good metadata management, it will make it easier for companies to find out data sources, data transfer, and data management in the company system.

By using open source tool as a tool to process the data, it is possible to obtain targeted results. Data processing in this final project uses the laravel library which is used to read data from files with the excel extension. The results of this data management will be visualized in the form of a website-based work dashboard using a laravel framework.

Keywords: metadata, *metadata repository*, *open source tool*, *library*.