ABSTRACT

The high increase of data and the development of technology has an impact on the quality of data. The main problem is related to duplication and misspelled data. In this research, the discussion topic is analysis and design of application architecture for data cleansing in XYZ Organization. The method used is comparison method which able to find open source based applications that match with the analysis of system requirement. The output of the architecture of this application will be implemented in the form of logic in the open source application and website dashboard. Data cleansing process and logic adjust the company business rule and process through database.

Keywords: *data cleansing, open sources, application architecture*