“Knowledge loss risk assessment and Designing Prototype Application of Knowledge Loss Risk Assessment on Field Maintenance at PT.PJB UP Gresik”

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ABSTRACT

One of the important assets to improve productivity and performance the company is the employees’s knowledge assets. Referring to company policy, employee retirement is a thing that cannot be avoided by the company. Retirement happens to employees who have worked many years at the company's would make a potential loss of knowledge when their knowledge was not well documented. Knowledge loss can be resulted in performance degradation and loss in a department within the company. Therefore companies should be able to manage their knowledge, so the knowledge can be improved and utilized for employees who need to implement the objectives of the company.

Knowledge loss risk assessment is a method that can be used to identify critical knowledge and their expert which have the risk of being lost from the company. In this method, it used several criteria to identify critical knowledge for the company.

The results of the assessment that has been done, it is known that the critical knowledge which have risk of missing along with business consequences arising if critical knowledge was not proper good, by looking at the process that has been done in the knowledge loss risk assessment, then design an application prototype for simplify the assessment process.

Keywords: Knowledge Management, Knowledge Loss Risk Assessment, Database design