

**DESIGN OF RISK MANAGEMENT SYSTEM WITH MOCKUP WEBSITE  
AND ANALYSIS OF TECHNOLOGY ACCEPTANCE MODEL (TAM) IN CV.  
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*ABSTRACT*

*In maintaining the quality of the company CV.Barokah Abadi certainly has a system to manage whatever risks occur in each work unit. Risk management system in the CV. Barokah Abadi is currently not well documented or there is no storage of risk assessment files which causes the handling of these risks cannot be measured when implementing risk mitigation. According to ISO 9001: 2015 clause 6.1 there needs to be an evaluation of the effectiveness of actions to address risks and opportunities. Therefore this research focuses on developing a risk management system with ISO 31000: 2018 approach. In developing the system there are requirements, namely the requirements of ISO 9001: 2015 and ISO 31000: 2018. Next is data processing in analyzing the actual conditions with the requirements of ISO 9001: 2015 clause 6.1 so as to produce gaps and also streamlining or simplifying processes in the actual business processes of risk management based on gap analysis that has been analyzed previously. The results of the design that have been obtained are then made improvements so that the business process proposes a website-based risk management, with the website design using data flow diagrams, entity relationship diagrams, and user interfaces to facilitate the appearance of the risk management website. In this research, a new risk management system has a proposed business process and mockup website. The results of the design of the risk management system are tested using it so that the results obtained using the Technology Acceptance Model (TAM) analysis. From the analysis results on perceived of usefulness and perceived of ease to use, the results of the risk management system have good flexibility and are easy to use so that it gives a better impact than the previous risk management system.*

**Keywords:** *Technology Acceptance Model, Risk Management, Risk Management, ISO 9001: 2015, ISO 31000: 2015.*