ACCEPTANCE ANALYSIS OF JOBCARD BARCODING SYSTEM IMPLEMENTATION USING TECHNOLOGY ACCEPTANCE MODEL AT BASE MAINTENANCE UNIT PT.GARUDA MAINTENANCE FACILITY AEROASIA

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ABSTRACT

PT. Garuda Maintenance Facility AeroAsia (PT. GMF AA) is the largest MRO (Maintenance, Repair, and Overhaul) company in Indonesia. To increase its competitiveness, PT. GMF AA is applying Jobcard Barcoding System so it can record accurately manhours used to finish a task. The goal of this research is to modeling Jobcard Barcoding System user acceptance at Base Maintenance using Technology Acceptance Model (TAM) then using it to design improvement step.

User acceptance measured using questionnaire then examined its fitness to TAM using Structural Equation Modelling (SEM). From output of the questionnaire and the test, we can conclude that user acceptance for Jobcard Barcoding System is still low. From the model, we can arrange three suggestions to increase the user acceptance of Actual Usage construct.

Keywords: Jobcard Barcoding System; user acceptance; Technology Acceptance Model (TAM); Structural Equation Modelling (SEM).
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