

**Maintenance System Enhancement by Implementation of Computerized Maintenance
Management System (Study Case: PT. Buanaika Syahputra)**

By

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STATEMENT BY THE AUTHOR

I hereby declare that this submission is my own work and to the best of my knowledge, it contains no material previously published or written by another person, nor material which to a substantial extent has been accepted for the award of any other degree or diploma at any educational institution, except where due acknowledgement is made in the thesis.

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ABSTRACT

**MAINTENANCE SYSTEM ENHANCEMENT BY IMPLEMENTATION OF
COMPUTERIZED MAINTENANCE MANAGEMENT SYSTEM (STUDY CASE: PT.
BUANA IKA SYAHPUTRA)**

By

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Maintenance activity has had an enormous impact on a company's production performance. In general, a satisfying maintenance performance will lead to a satisfying production performance and vice versa. As the title implies, this thesis tells about the implementation of computerized maintenance management system (CMMS) in PT. Buanaika Syahputra with the objective of improving the current maintenance system in the company. In addition, CMMS provides several other advantages that will benefit the company in the long term. The methodology that is used as the base guide of the CMMS implementation is dynamic system development method (DSDM). This method consist of five various phases that will analyze the current system, create functional models, configure the application, compose training, and at last, a review will be conducted to inspect the achievement after the implementation. The result of the implementation shows a significant increase in the maintenance system in PT. Buanaika Syahputra by comparing the previous and implemented system.

Keywords: Computerized Maintenance Management System, Dynamic System Development Method, Cross-Functional Integration, Application Configuration



DEDICATION

I dedicate this thesis work to God and my family who has been very supportive and helpful, to my friends that have helped me during the writing of this work. Without them, there is no telling if I would have the strength and spirit to complete this work. Lastly, I would like to dedicate this thesis to all people, who might find this thesis useful for their work.



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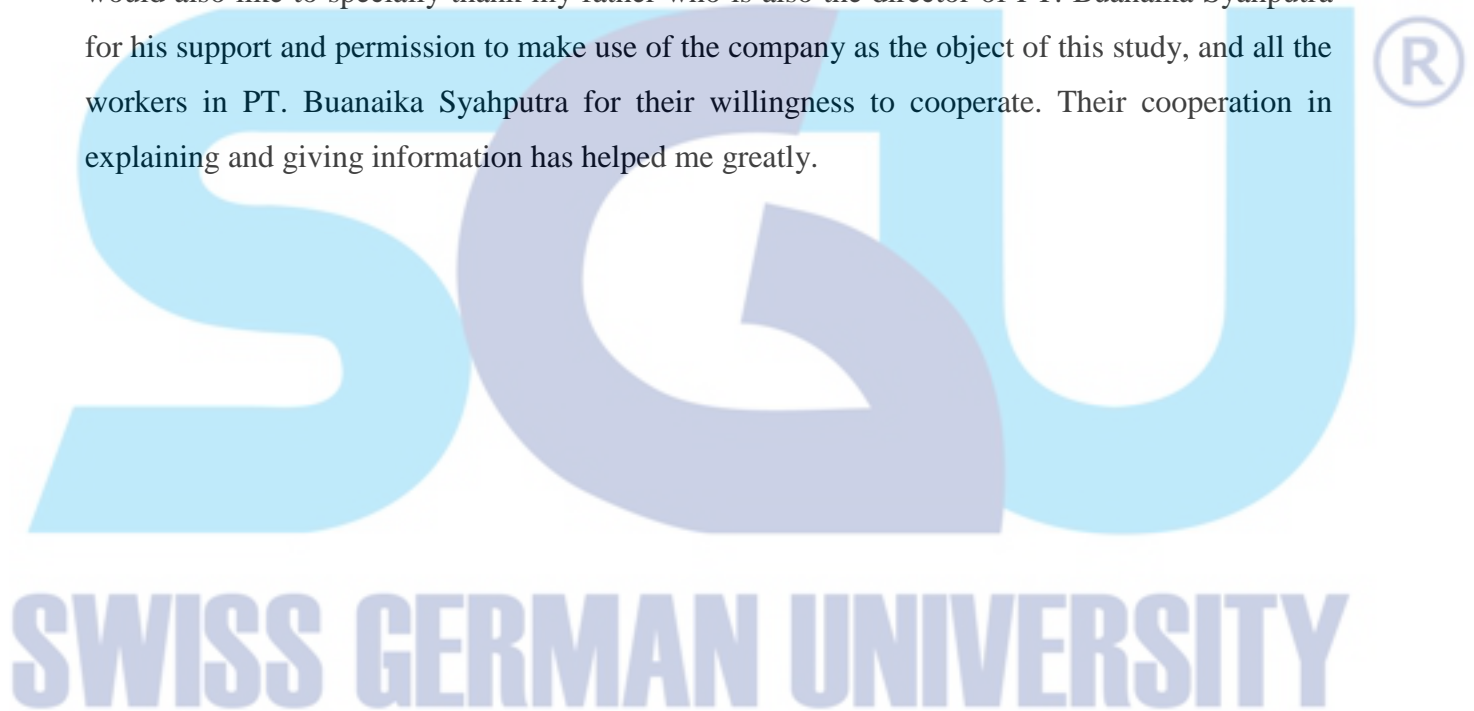


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