

**PRODUCT LIFECYCLE MANAGEMENT IMPLEMENTATION THROUGH
CHANGE MANAGEMENT RESULT IN COLLABORATIVE INNOVATION**

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 neither 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

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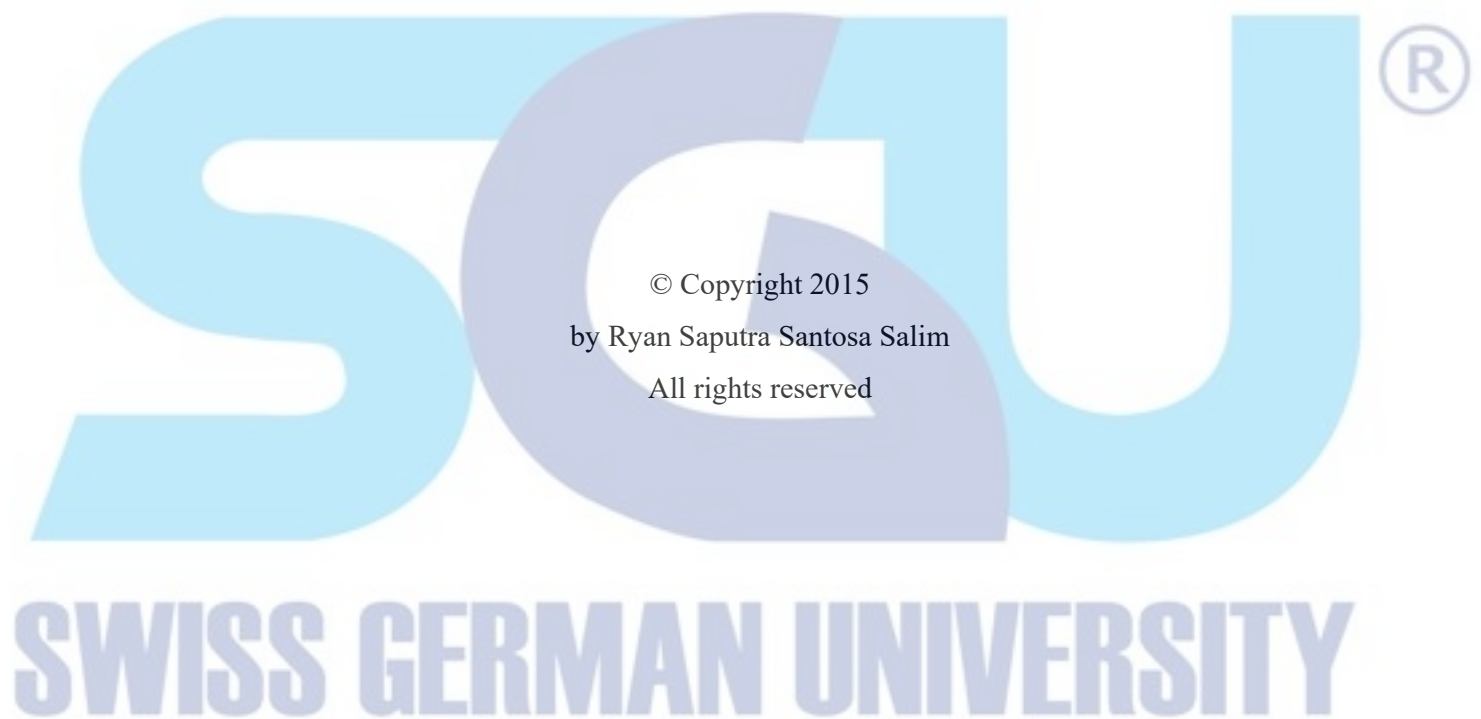
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As the time goes by, customers demand more innovative product. In order to cope with the increasing quality of the product, each manufacturer should incorporate the information system in their business process. The main purpose of this research is to implement product lifecycle management (PLM) software, named OpenPLM through change management which will result in collaborative innovation. Combining three main theories, which are Leavitt's Diamond, Technology Acceptance Model, and Diffusions of Innovation, and supported with Technology Implementation Methodology, OpenPLM is expected to be able to serve as a media for collaborative innovation. In the execution, there is a separate project is done separately from this research, using a different environment with final purpose to provide more solid evidence of ability of OpenPLM in to serve as media for collaborative innovation. In conclusion, OpenPLM can be adopted as a media / tool for collaborative innovation activity, both professional and educational purposes.

Keywords: Systems Engineering, Product Lifecycle Management, Collaborative Innovation, Change Management, Information Technology.



DEDICATION

I dedicate this research for my beloved family and the future of my career.



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