

**CONTROL PHARMACEUTICAL COUNTERFEIT
BY SERIALIZATION SYSTEM**

By

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21551007

MASTER'S DEGREE

in

MASTER OF INFORMATION TECHNOLOGY

FACULTY OF ENGINEERING AND INFORMATION TECHNOLOGY



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March 2017

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 this thesis.

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ABSTRACT

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Counterfeit is one of the issues that currently facing by the world and many industries keep struggling until today with counterfeit. Counterfeit in pharmaceutical industry is not only about loss of revenue the counterfeit also making big impact on people's life. Many countries reported on death and sick people which caused by the counterfeit. Many countries recently start the program that called serialization system for track and trace the product and as prevention for counterfeit product.

In Indonesia the system not yet started even do there are lot of counterfeiter caught by BPOM and Indonesia police recently, it's only matter of time to implement serialization system. The need on modified on the existing serialization to ensure the effectiveness of system is to change the control of scanning from conducted by pharmacy or hospital into the scanning conduct by patient and there is a need to utilized GPS on the smartphone for better system on detection on the counterfeit product

Keyword: counterfeit, serialization



DEDICATION

I dedicated this work for the prosperity of Indonesia by having the great, health and strong people's.



ACKNOWLEDGE

I wish to thank to my dvisor Dr. Nuki A. Utama, S.T., M.Sc and my co-advisor Dr. Mulya R. Mashudi, S.T., M.Sc.. I know both of you not only as lecture but both of you're also as professional in your field and as addition on your busy time as lecture and professional you still have the time for guiding me to complete my thesis. Your insight, thinking and experience are very helpful on my thesis.

Special thanks for my wife who support and encourage me from the first time to taking this master study. For me you're not only support and encourage myself on the completion my study, you're also as my entertainer who giving me the spirit when I am stuck or hopeless on the study. For my son and my daughter, I know there are many important days in your life that I skipped due to this study especially on the weekend. I am lucky to having both of you, the children who always understand your Ayah when I skipped your important days and the children's that always cheer me up every day by your laughs and smile. Don't worry the payback will coming.



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