INFORMATION SYSTEM SAVINGS AND LOANS AT LELY COOPERATIVE YOGYAKARTA

THESIS

arranged by

Riani Wulansari
15.62.0062

BACHELOR PROGRAM
STUDY PROGRAM INFORMATION SYSTEM
FACULTY OF COMPUTER SCIENCE
UNIVERSITY AMIKOM YOGYAKARTA
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APPROVAL

THESIS

INFORMATION SYSTEM SAVINGS AND LOANS AT LELY COOPERATIVE YOGYAKARTA

prepared and compiled by

Riani Wulansari

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Approved by Content Advisor
April 21, 2018

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THESIS

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on November 16, 2018

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DECLARATION OF AUTHENTICITY

I am the undersigned below stating that, This thesis is my own (ORIGINAL) work, and the contents of this thesis have not been submitted by other people to obtain an academic degree in any higher education institution, and as far as I know there is no work or opinion that has ever been written or published by other people, except those in writing referred to in this text and mentioned in the bibliography.

Everything related to the manuscript and the work that has been made is our personal responsibility.

Yogyakarta November 17, 2018

Riani Wulansari
15.62.0062

MOTTO

"Education is the power to think clearly, the power to act well in the world's work, and the power to appreciate life."

-Brigham Young

"Anything that you learn becomes your wealth, a wealth that cannot be taken away from you; whether you learn it in a building called school or in the school of life. To learn something new is a timeless pleasure and a valuable treasure. And not all things that you learn are taught to you, but many things that you learn you realize you have taught yourself."

- C. JoyBell C.

"Develop an attitude of gratitude, and give thanks for everything that happens to you, knowing that every step forward is a step toward achieving something bigger and better than your current situation."

— Brian Tracy

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I am afraid that unintentionally I may have been forgotten to mention my individuals or parties who have been involved in the completion process. Thus my deepest apologies are credited to them. I realize that this thesis is still far from perfection due the limited ability and knowledge that the writer had.

PROLOGUE

All praise to Allah SWT for guiding and blessing hance this thesis could be finished, and for giving me abundance of endowment in my life. I would recite Shalawat and Salam to Muhammad SAW, the messenger for all people. Finally, I could finish my thesis entitled "Information System Savings And Loans At Cooperative Lely Yogyakarta " to obtain a Bachelor of Computer at Universitas Amikom Yogyakarta. In writing this thesis in the Department of Information Systems University of Yogyakarta Amikom . I am fully aware that this thesis would not be completed without the guidance, support and assistance from various parties.

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INTISARI

Koperasi merupakan salah satu bentuk organisasi di bidang kesejahteraan anggota, sistem informasi simpan pinjam pada koperasi Lely dinilai belum efektif dimana pencatatan data simpanan, data pinjaman dan data angsuran masih dicatat dalam pembukuan dan di massukan ke excel sehingga mudah rusak atau hilang serta pembuatan laporannya memakan waktu lama. Penelitian ini bertujuan untuk mengetahui sistem yang sedang berjalan, membuat perancangan sistem, melakukan analisis dan pengujian sistem serta untuk melakukan implementasi sistem informasi simpan pinjam. Penelitian ini berguna untuk membangun sistem informasi simpan pinjam pada koperasi Lely .

Dalam pengembangan sistem simpan pinjam penulis menggunakan metode perancangan sistem informasi simpan pinjam yang dibuat menggunakan metodologi waterfall, serta tiga diagram UML yang terdiri dari usecase diagram, activity diagram, dan class digram, kemudian perancangan relasi database menggunakan mySql dan bahasa pemrograman netbeans 8.2.

Hasil dari penelitian di koperasi Lely, dapat dibuat kesimpulan bahwa dengan dibangunnya sistem informasi simpan pinjam diharapkan dapat membantu petugas dalam mengelola data simpanan, data pinjaman dan data angsuran lebih cepat dan dapat mengurangi kesalahan dalam proses pencatatan data serta mengurangi kesalahan dalam penyampaian laporan. dengan sistem yang terkomputerisasi diharapkan dapat meminimalisir kinerja yang belum optimal di koperasi tersebut agar operasional koperasi bisa berjalan lebih efektif dan efisien .

Kata Kunci : Sistem Informasi, Simpan Pinjam , Koperasi Lely

ABSTRACT

Cooperatives are one form of organization in the field of member welfare, the savings and loan information system in Lely cooperatives is considered to be ineffective where the recording of deposit data, loan data and installment data is still recorded in the book and sent to excel so it is easily damaged or lost and the report takes time long. This study aims to determine the system that is running, make system design, conduct analysis and testing systems and to implement a savings and loan information system. This research is useful for building a savings and loan information system at the Lely cooperative.

In the development of a savings and loan system the author uses a savings and loan information system design method created using the waterfall methodology, as well as three UML diagrams consisting of usecase diagrams, activity diagrams, and digram classes, then designing database relations using mySql and netbeans 8.2 programming language.

The results of the research at Lely cooperatives, can be concluded that the construction of a savings and loan information system is expected to help officers manage deposit data, loan data and installment data faster and can reduce errors in the process of recording data and reduce errors in submitting reports. with a computerized system it is expected to minimize the optimal performance in the cooperative so that cooperative operations can run more effectively and efficiently.

Keywords : *Information Systems, Savings Loans,Cooperative Lely*